

Applicant's Response to
Agency Comments

CPA 23-12 The Ranch PUD
Future Land Use Map
Amendment



MICHAEL J. McCLUSKEY
Board Certified Business Litigation (2008-2019)
RAYMOND G. ROBISON
LL.M. - Master of Laws in Taxation
J. HENRY CARTWRIGHT
Board Certified Condominium and
Planned Development Lawyer
PHILIP W. GROSIDIER
LL.M. – Master of Laws in Taxation
TYSON J. WATERS
Board Certified Real Estate Lawyer

2300 SE Monterey Road, Suite 201
Stuart, Florida 34996

Telephone:
(772) 287-4444

Fax:
(772) 283-4637

www.foxmccluskey.com

VALERIE A. COSTELLO

Of Counsel:
ROBERT A. GOLDMAN

M. LANNING FOX (Retired)

GEORGE W. BUSH, JR. (1964-2019)

March 1, 2024

Althea P. Jefferson, AICP
Senior Policy & Planning Analyst
South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL 33406

via email to ajeffers@sfwmd.gov

Re: Response to South Florida Water Management Comments - Martin County Comprehensive Growth Management Plan Amendment (DOC #23-5ESR) and Future Land Use Map Amendment (DOC #23-6ESR)

Dear Ms. Jefferson:

The below serves as JWA Ranch, LLC's ("Applicant") response to comments submitted by the South Florida Water Management District ("District") to Martin County ("County") regarding the District's review of the proposed text amendment change to the Martin County Comprehensive Growth Management Plan (DOC #23-5ESR) and the proposed amendment to the Future Land Use Map (DOC #23-6ESR) for the project known as "The Ranch."

The District has no comments or objections to DOC #23-5ESR.

The District's primary comment relating to DOC #23-6ESR is that the proposed future land use map change from Agricultural to Rural Lifestyle appears to be inconsistent with the federally authorized Comprehensive Everglades Restoration Plan ("CERP") and the Indian River Lagoon - South ("IRL-South") project component. As the proposed land use change does not establish any development rights this comment does not appear applicable to the proposed future land use change.

It should also be noted that the subject property is under private ownership and not subject to any easements or other development restrictions that would require "use of the entire 3,902 acres as water storage and upland/wetland restoration" or allow for the "public use" on the property as stated in the District's comments. A recommendation of denial of the proposed land use change

based on either or both of these statements would be a deprivation of the Applicant's constitutional and statutory property rights.

Under the existing land use designation, the Applicant has the right to develop the property as contemplated, with the exception of the following that would be allowed or required under the Rural Lifestyle future land use designation: (i) the provision of sewer service (instead of being required to provide up to 195 individual onsite sewage treatment and disposal systems ("OSTDS" or "septic systems") over the 3,902 acres), (ii) the allowance for a smaller residential lot footprint (Applicant is proposing approximately 200 acres of land for residential purposes, instead of potentially 3,902 acres for residential development as required under the existing Agricultural land use), (iii) the requirement that all wetlands and wetland buffers be located outside of any residential lot (residential lots established under the Agricultural future land use designation may include wetlands and buffers within the residential lot) and (iv) the requirement to develop the property under a planned unit development agreement (the Agricultural future land use designation would allow the development of residential lots, golf courses and related amenities by-right under straight zoning regulations) which requires review and approval by the Board of County Commissioners and the Applicant providing offsetting public benefits. The proposed land use change from Agricultural to Rural Lifestyle does not increase the density, nor intensity of any potential development already permitted on the subject property.

Development of the subject property under the Agricultural future land use designation, which requires 20 acre minimum lot sizes, includes the potential for up to 195 individual septic systems spread across the 3,902 acres, allows wetlands to be included as part of, and within, said lots, and site plan approval accomplished under straight zoning regulations, when compared with the requirements of the Rural Lifestyle future land use designation would have a substantially worse potential impact on the objectives and goals that were originally described for the Palmar Natural Storage and Water Quality Treatment Area. Development under the Agricultural future land use designation would do nothing to improve, enhance or restore water quality, water storage capabilities or existing wetlands on site.

The Applicant is very much aware of the IRL-South project and its Pal-Mar Natural Storage and Water Quality Area component and strongly believes the proposed amendment to change the future land use designation for the subject property from Agricultural to Rural Lifestyle will not negatively impact implementation of the CERP or the IRL-South component, and to the contrary will serve to increase the ability to address some of the goals of the Palmar Natural Storage and Water Quality Treatment Area and will provide the opportunity to ensure the improvement, enhancement and restoration of water quality, water storage capabilities or existing wetlands on site.

As background, the previous property owner worked closely with the District and County over a decade ago on a plan that would have provided increased water storage on portions of the subject property located south of State Road 76 in exchange for increasing the development potential on the site to allow for up to 600 residential units on the approximately 1,450 acres located around

State Road 76. That plan, however, never materialized due to a lack of State funding and a change in priority of State acquisition plans.

It is also noteworthy to discuss District actions with regard to CERP and the IRL-South component from a land acquisition perspective. Since the acquisition of a portion of the “Harmony” parcel in late 2014, the District has not targeted, nor included, any lands located within the “Pal-Mar Natural Storage and Water Quality Area” in its land acquisition plan. As of the writing of this response, neither the subject property, nor any other property located in the “Pal-Mar Natural Storage and Water Quality Area,” is targeted by the District for acquisition.

The Ranch property is comprised of approximately 3,902 acres, which includes approximately 442 acres north of State Road 76 and the balance south of State Road 76 and Bridge Road. The project proposes two (2) golf courses on the south parcel, with associated support facilities, 175 residential lots between one (1) and two (2) acres in size, over 1,400 acres of agricultural uses and the preservation of approximately 650 acres of wetlands. Only a very small portion of the development will include buildings and paved areas for access and parking. This is substantially less than the 1,450 acres previously approved by the District and the County in 2010 with the previous owner’s development plans, with the vast majority of the land under the proposed plan being “pervious” in nature and not requiring considerable stormwater management. A detailed engineering plan is underway as part of the development application detailing the stormwater management for the impervious areas, as well as water quality treatment for the golf course areas and balance of the development.

The stormwater management system of The Ranch will be designed to accomplish two additional requirements of the District and exceed minimum standards. The project is being designed with Best Management Practices (“BMPs”) to provide an additional fifty percent (50%) of the required water quality treatment volume as necessary since the project is within a stormwater basin that contributes to Waters Not Attaining Standards (“WNAS”). In addition, the stormwater management system will be designed with BMPs to provide a net improvement for the nutrient loading of both Nitrogen and Phosphorous, of which the St. Lucie Canal (“C-44 Canal”) is considered impaired. The project will also provide significantly more on-site storage within the proposed interconnected lake system, in addition to existing on-site ditches and canals, which will provide for more storage of stormwater and a reduced discharge rate to the C-44 Canal from the on-site development.

The Ranch development is currently authorized by a Consumptive Use Permit (“CUP”) issued by the District (Permit Number 43-00074-W). The permit is for irrigation and authorizes withdrawals from both the C-44 Canal and groundwater (via wells). The permit is for twenty years and expires in 2029. The permit authorizes 2,975 MG/Year which is sufficient to irrigate the golf courses, common areas and other portions of The Ranch development. A modification request will be submitted to the District concurrent with the application for Environmental Resource Permit (for construction of the phases of proposed development). Representatives of The Ranch are presently in negotiations with Martin County Utilities for potable water and sewer to serve the project,

however, irrigation will be primarily by way of the withdrawals authorized by the above-mentioned District CUP. The Applicant and the County are in the process of verifying capacity to serve The Ranch development, including the potential to add a raw water site to The Ranch property, if needed or required by the County.

Representatives from The Ranch have had numerous meetings with staff from both the County and the District regarding the proposed development plan. A pre-application meeting was held between the representatives from The Ranch and the District on October 18, 2022 to discuss this development project and the permitting required to authorize construction as presented. None of the issues noted in the District's comments were brought up at that time or since. All required regulatory criteria will be met or exceeded as part of the project design and has been incorporated into the application(s) submitted to the District for Environmental Resource Permit(s). It should be noted that the south parcel is currently isolated from surrounding lands by a canal/ditch/berm system which provides both its water supply and drainage. The canal/ditch/berm system provides irrigation water via pumps located at the C-44 Canal, as well as provides drainage during the wet season. Accordingly, the south parcel has no connection to the Harmony parcel located to the east, Pal Mar lands located to the south or Sunlight Ranch located to the west. At the time of this application, reclaimed water is not available to the site and the Applicant is not aware of planned extensions of reclaimed water service to the project area

In addition, The Ranch property has been actively engaged in agriculture for over fifty (50) years. As with most agricultural lands located in South Florida, an extensive network of ditches currently exists on the property. This extensive ditch network system bisects/interconnects practically all on-site wetlands for purposes of providing drainage of pasture areas in the wet season. While a large portion of the project will remain in agriculture, it is anticipated that many of the interior ditches will be eliminated as part of the development, thus restoring a more natural hydroperiod to many, if not all, wetlands located on-site. These enhancements and restoration activities will greatly improve the hydrology and water quality of the property, and ability to store and treat water on-site, a primary goal of CERP.

The Ranch project site contains numerous wetlands on both the north and south parcels. All on-site wetlands have been delineated at the time of this response and wetland determinations have been ongoing with District staff, of which approval is anticipated to be provided shortly. All delineated wetlands have been field reviewed/inspected by District staff and acreage of each surveyed. Buffers are required by both the County and the District with the County's requirement exceeding that of the District. Accordingly, that acreage has been quantified for each delineated wetland. As part of the development, the wetlands are being restored to improve environmental conditions and water quality on the property.

Even though the District's comments are not applicable to a proposed future land use amendment, the proposed Ranch development will accomplish many of the objectives and goals that were originally described for the Palmar Natural Storage and Water Quality Treatment Area. All on-site wetlands will be hydrologically enhanced and maintained in perpetuity. In addition, all

development areas will meet or exceed current regulatory requirements and have a positive impact with regard to water quality treatment and water quantity storage within The Ranch stormwater management system.

Neither amending the future land use map for the subject property from Agricultural to Rural Lifestyle, nor the proposed development of The Ranch, will negatively impact implementation of the CERP or the Indian River Lagoon South component. To the contrary, the restoration and enhancements proposed as part of the project will drastically improve the hydrology and water quality for the property, and surrounding areas, all of which will serve to further the purposes of CERP and the IRL-South component.

In addition to the above, and as requested in the District's comments to DOC #23-6ESR, please find enclosed preliminary master stormwater management calculations analysis that has been submitted to the County in support of DOC #23-6ESR and The Ranch project.

Cc: Martin County Board of County Commissioners (*via email*)
Treasure Coast Regional Planning Council (*via email*)
Florida Department of Economic Opportunity (*via email*)
Florida Department of Environmental Protection (*via email*)



Master Stormwater
Report

The Ranch PUD
Martin County, Florida

Prepared for:
JWA Ranch, LLC
13401 Oakmeade
Palm Beach Gardens, FL 33418

Prepared by:
Kimley»»Horn
1615 South Congress Avenue, Suite 201
Delray Beach, Florida 33445
Registry No. 35106

FEBRUARY 2024



Jason A. Webber, P.E.
FL P.E. #73962

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1 SUMMARY

The project site is located on the north and south sides of SW Kanner Highway (SR-76) near the intersection of SE Bridge Rd in Martin County, Florida (Parcel ID: 223940000000000204, 233940000000000408, 273940000000000105, 263940000000000205, 253940000000000109, 343940000000000101, 353940000000000108, and 363940000000000106). The total project area is approximately 3,902.41± acres. The portion of the project site north of SW Kanner Highway, consisting of 442.02± acres, is adjacent to the St. Lucie Canal (C-44) and is predominantly open area with uplands, isolated wetlands, and farmland with row crops. The portion of the project site south of SW Kanner Highway, consisting of 3,460.39± acres, is bordered by SW Kanner Highway and SW Bridge Road, on the north side of the property, and is predominantly uplands, isolated wetlands, and farmland with row crops and cattle grazing.

1.1 STORM EVENTS

This project will be designed to meet the SFWMD and Martin County requirement for proposed development outfall rates to not exceed the pre-development peak discharges for the 25-year 3-day storm event. Rainfall depths for all modeled storm events were derived from the greater of available National Oceanic Atmospheric Administration (NOAA) data or permitted rainfall depths from developments directly adjacent to our project site.

TABLE 1: STORM EVENTS

FREQUENCY	DURATION	RAINFALL
3 Years	24 Hours	5.76 Inches
5 Years	24 Hours	6.75 Inches
10 Years	24 Hours	8.11 Inches
25 Years	72 Hours	12.00 Inches
100 Years	72 Hours	15.60 Inches (With Zero Discharge)

1.2 SOILS

Per the USDA NRCS Web Soil Survey, provided as Exhibit D, the predominant soil types on-site were identified as Pineda-Riviera fine sands and Wabasso sand. Pineda-Riviera fine sands have a Hydrologic Soil Group Classification (HSG) rating of "A/D". Wabasso sand have a Hydrologic Soil Group Classification (HSG) rating of "C/D". A more conservative HSG D has been selected for use in the pre-development calculations and modeling for all soils.

1.3 GROUNDWATER

Site topography and wetland normal pool and seasonal high water level elevations were obtained by GCY, Inc. Geotechnical exploration of the site with borings and subsurface stratigraphy were provided by H2R Corp. The seasonal high water level elevations vary throughout the site from 18.71 to 22.70, with the average being approximately 21 ft NAVD88.

1.4 FLOOD ZONE

The project site lies entirely within Flood Zone "X" in the "Not Printed" maps due to the entire map being in Zone "X". (See Exhibit E). Flood Zone "X" denotes areas outside of a designated 100-year flood plain. The project spans multiple FEMA Community Panels 12085C0280G, 12085C0283G, 12085C0290G, 12085C0295G, all with an effective date of 3/16/2015.

1.5 TAILWATER CONDITIONS – CANAL C-44

The tailwater control elevation of 12.70' NAVD was determined from the median value of the peak stages logged at the S-80 structure within the C-44 Canal over a 27-year period, found within the SFWMD DBHYDRO database.

2 PRE-DEVELOPMENT CONDITIONS

An intricate network of interconnected agricultural ditches and wet conveyance ditches run throughout the entire project site. The wet conveyance ditches surround the perimeters of the project site and up through the middle, collecting runoff from the connected agricultural ditch network and conveying it to an existing sluice gate control structure that discharges to the C-44 Canal at a singular location. The wet conveyance ditches within the project area north of SW Kanner Highway receives stormwater runoff from the wet conveyance ditches to the south through five separate culvert locations underneath the existing highway, including a 9.75' wide box culvert and RCP culverts ranging from 24" to 36". Existing offsite wet conveyance ditches and perimeter berms adjacent to the property lines surround the project site and prevent offsite stormwater runoff from entering the existing system. The project site contains approximately 647.90 acres of existing wetlands. Pre-development basins were delineated using the topographic survey provided by GYC. Please see Appendix 3 for the Pre-development ICPR Report and Appendix 1 for the supporting calculations.

2.1 PRE-DEVELOPMENT DISCHARGE RATES AND PEAK STAGES

Pre-development peak stages and discharge rates were determined by modeling the existing project site using the Interconnected Channel and Pond Routing Model (ICPR4) software. A pre-development basin map and table has been provided, see (Exhibit F and Exhibit G), along with initial discharge and peak stages shown in tables at the end of this document. Table 2 below summarizes the pre-development discharge for each storm event. Table 3 summarizes peak stages for each node modeled in ICPR. Curve numbers used for modeling have been calculated utilizing the SCS TR-55 methodology. The assigned Hydrologic Soil Group classifications were based on the associated soil type as noted above.

TABLE 2: PRE-DEVELOPMENT DISCHARGE TO C-44 CANAL

STORM EVENT	DISCHARGE
3YR/24HR	303.17 cfs
25YR/72HR	410.26 cfs
25YR/72HR	(410.26 cfs / 3639.54 ac = 0.113 cfs/ac)

2.2 PRE-DEVELOPMENT WATER QUALITY TREATMENT

Although there is a control structure, interconnected agricultural ditches and wet conveyance ditches there is no formalized water quality treatment for the pre-development condition. There is no existing method for detention/retention of stormwater prior to entering the existing isolated wetlands or other features prior to discharge to the C-44 Canal.

TABLE 3: PRE-DEVELOPMENT PEAK STAGES

PRE-DEVELOPMENT PEAK STAGES (NAVD88)					
NAME	3YR 24HR	5YR 24HR	10YR 24HR	25YR 72HR	100YR 72HR
ND01	23.01	23.01	23.01	23.42	23.87
ND02	23.20	23.36	23.54	23.94	24.26
ND03	23.55	23.65	23.78	24.11	24.40
ND06	23.33	23.44	23.58	23.93	24.22
ND07	23.16	23.29	23.45	23.83	24.14
ND08	23.11	23.23	23.38	23.75	24.06
ND09	22.70	22.83	22.99	23.38	23.71
ND10	23.22	23.34	23.49	23.86	24.16
ND100	21.16	21.25	21.36	21.66	21.95
ND101	20.49	20.63	20.81	21.24	21.58
ND102	21.06	21.15	21.26	21.57	21.86
ND103	20.03	20.17	20.33	20.67	20.97
ND104	20.80	20.97	21.19	21.63	22.01
ND105	20.58	20.77	20.98	21.44	21.78
ND106	21.29	21.36	21.46	21.74	22.00
ND107	21.16	21.27	21.42	21.77	22.07
ND108	21.74	21.87	22.04	22.47	22.87
ND109	21.93	22.01	22.12	22.42	22.71
ND11	23.07	23.11	23.11	23.42	23.75
ND110	21.44	21.60	21.78	22.19	22.51
ND111	21.56	21.74	21.96	22.42	22.75
ND112	24.13	24.68	25.44	27.62	29.70
ND115	22.31	22.51	22.72	23.05	24.00
ND116	22.31	22.51	22.72	23.05	24.00
ND12	23.31	23.31	23.31	23.66	23.98
ND13	22.94	23.06	23.20	23.44	23.74
ND14	22.72	22.86	23.04	23.48	23.62
ND15	21.46	21.46	21.60	21.99	22.30
ND16	21.14	21.24	21.38	21.72	22.01
ND17	21.00	21.07	21.17	21.42	21.64
ND18	21.32	21.40	21.51	21.74	21.97
ND19	21.43	21.53	21.66	21.98	22.27
ND20	21.81	21.92	22.05	22.39	22.69
ND21	21.25	21.36	21.51	21.89	22.22
ND22	21.22	21.35	21.53	21.96	22.30
ND23	21.44	21.58	21.75	22.16	22.49
ND24	20.93	21.06	21.21	21.58	21.89
ND25	21.31	21.47	21.67	22.13	22.48
ND26	21.14	21.26	21.42	21.84	22.18
ND27	21.50	21.60	21.73	22.04	22.33
ND28	22.09	22.21	22.36	22.74	23.06
ND29	22.10	22.21	22.34	22.69	22.99
ND30	21.71	21.81	21.94	22.31	22.62
ND31	22.53	22.64	22.80	23.21	23.48
ND32	22.49	22.56	22.65	22.85	23.07
ND33	21.28	21.43	21.61	22.09	22.48
ND34	21.64	21.78	21.96	22.36	22.67
ND35	21.45	21.58	21.75	22.15	22.48
ND36	20.87	20.92	20.99	21.18	21.34
ND37	21.98	22.12	22.30	22.77	23.19
ND38	21.19	21.28	21.40	21.70	21.99

PRE-DEVELOPMENT PEAK STAGES (NAVD88)					
NAME	3YR 24HR	5YR 24HR	10YR 24HR	25YR 72HR	100YR 72HR
ND39	21.24	21.33	21.45	21.77	22.06
ND41	21.62	21.75	21.90	22.28	22.59
ND42	22.14	22.22	22.33	22.63	22.92
ND43	20.90	21.04	21.20	21.60	21.92
ND44	21.96	22.07	22.21	22.56	22.86
ND45	21.03	21.20	21.40	21.88	22.25
ND46	22.56	22.64	22.75	23.03	23.31
ND47	21.60	21.71	21.85	22.20	22.50
ND48	21.78	21.78	21.78	21.98	22.28
ND49	21.59	21.70	21.84	22.13	22.39
ND50	22.01	22.02	22.14	22.47	22.76
ND51	21.83	21.91	22.02	22.32	22.60
ND52	21.67	21.76	21.88	22.21	22.50
ND53	21.94	22.01	22.12	22.43	22.72
ND54	21.67	21.77	21.89	22.21	22.50
ND55	21.96	22.04	22.15	22.43	22.71
ND56	22.52	22.62	22.74	23.04	23.31
ND57	22.01	22.01	22.17	22.52	22.82
ND58	21.09	21.22	21.39	21.82	22.18
ND59	22.51	22.51	22.51	22.71	23.04
ND60	22.03	22.14	22.29	22.65	22.94
ND61	21.76	21.76	21.76	22.04	22.36
ND62	22.13	22.21	22.31	22.60	22.89
ND63	21.86	21.94	22.05	22.35	22.64
ND64	22.03	22.12	22.23	22.51	22.78
ND65	22.64	22.72	22.83	23.14	23.44
ND66	22.03	22.10	22.20	22.47	22.73
ND67	22.54	22.63	22.71	22.86	23.14
ND68	22.91	22.99	23.09	23.39	23.67
ND69	22.70	22.77	22.88	23.16	23.44
ND70	22.93	23.00	23.09	23.32	23.56
ND71	22.41	22.44	22.58	22.88	23.16
ND72	22.30	22.41	22.53	22.82	23.09
ND73	21.62	21.69	21.79	22.09	22.38
ND74	21.94	22.03	22.15	22.41	22.41
ND75	22.59	22.66	22.76	23.04	23.30
ND76	21.60	21.75	21.95	22.42	22.80
ND77	22.71	22.71	22.71	22.73	22.98
ND78	22.85	22.98	23.14	23.52	23.84
ND79	22.87	23.00	23.16	23.55	23.86
ND80	22.41	22.43	22.45	22.53	22.59
ND81	22.66	22.79	22.96	23.37	23.71
ND82	23.03	23.15	23.30	23.69	24.00
ND83	23.12	23.24	23.39	23.76	24.06
ND84	22.90	22.99	23.10	23.42	23.71
ND85	21.69	21.80	21.93	22.25	22.54
ND86	22.01	22.01	22.17	22.50	22.78
ND87	21.99	22.07	22.17	22.43	22.68
ND88	22.01	22.14	22.30	22.62	22.89
ND89	22.18	22.33	22.51	22.91	23.23
ND90	22.43	22.53	22.65	22.96	23.25

PRE-DEVELOPMENT PEAK STAGES (NAVD88)					
NAME	3YR 24HR	5YR 24HR	10YR 24HR	25YR 72HR	100YR 72HR
ND91	22.34	22.46	22.60	22.94	23.23
ND92	21.31	21.34	21.53	21.97	22.31
ND93	22.59	22.68	22.80	23.07	23.33
ND94	22.01	22.01	22.18	22.63	22.96
ND95	20.96	21.07	21.20	21.55	21.85
ND96	21.14	21.23	21.36	21.65	21.89
ND97	21.42	21.56	21.73	22.11	22.43
ND98	20.64	20.75	20.89	21.24	21.53
ND99	20.61	20.65	20.78	21.11	21.40
NWL01	22.40	22.60	22.87	23.42	23.87
NWL02	23.20	23.36	23.54	23.94	24.25
NWL03	23.55	23.65	23.78	24.11	24.40
NWL06	23.33	23.44	23.58	23.93	24.22
NWL07	23.16	23.29	23.45	23.83	24.14
NWL08	23.11	23.23	23.38	23.75	24.06
NWL09	22.70	22.83	22.99	23.38	23.71
NWL10	23.21	23.34	23.49	23.86	24.15
NWL100	21.16	21.25	21.36	21.66	21.95
NWL101	19.54	19.64	19.78	20.12	20.47
NWL102	21.06	21.15	21.26	21.57	21.86
NWL103	20.03	20.17	20.33	20.67	20.96
NWL104	20.80	20.97	21.18	21.63	22.01
NWL105	20.58	20.77	20.98	21.44	21.78
NWL106	21.29	21.36	21.46	21.74	22.00
NWL107	21.16	21.27	21.41	21.77	22.07
NWL108	21.74	21.87	22.04	22.47	22.87
NWL109	21.93	22.01	22.12	22.42	22.71
NWL11	22.24	22.50	22.89	23.42	23.75
NWL110	21.44	21.60	21.78	22.19	22.51
NWL111	21.56	21.74	21.96	22.42	22.75
NWL112	24.13	24.68	25.44	27.62	29.70
NWL12	22.68	22.92	23.24	23.66	23.98
NWL13	22.57	22.66	22.78	23.44	23.74
NWL14	21.62	21.71	21.85	22.21	22.98
NWL15	21.26	21.43	21.60	21.99	22.30
NWL16	21.14	21.24	21.38	21.72	22.01
NWL17	21.00	21.07	21.17	21.42	21.64
NWL18	21.31	21.40	21.51	21.74	21.97
NWL19	21.43	21.53	21.66	21.98	22.27
NWL20	21.81	21.92	22.05	22.39	22.69
NWL21	21.25	21.36	21.51	21.89	22.22
NWL22	21.22	21.35	21.53	21.96	22.30
NWL23	21.44	21.58	21.75	22.16	22.49
NWL24	20.93	21.06	21.21	21.58	21.89
NWL25	21.31	21.47	21.67	22.13	22.48
NWL26	21.14	21.26	21.42	21.84	22.18
NWL27	21.50	21.60	21.73	22.04	22.33
NWL28	22.09	22.21	22.36	22.74	23.06
NWL29	22.10	22.21	22.34	22.69	22.99
NWL30	21.71	21.81	21.94	22.31	22.62
NWL31	22.53	22.64	22.80	23.21	23.48
NWL32	22.49	22.56	22.65	22.85	23.06
NWL33	21.28	21.43	21.61	22.09	22.48

PRE-DEVELOPMENT PEAK STAGES (NAVD88)					
NAME	3YR 24HR	5YR 24HR	10YR 24HR	25YR 72HR	100YR 72HR
NWL34	21.64	21.78	21.96	22.35	22.67
NWL35	21.45	21.58	21.75	22.15	22.48
NWL36	20.87	20.92	20.99	21.18	21.34
NWL37	21.98	22.12	22.30	22.77	23.19
NWL38	21.19	21.28	21.40	21.70	21.99
NWL39	21.24	21.33	21.45	21.77	22.06
NWL41	21.62	21.75	21.90	22.28	22.59
NWL42	22.14	22.22	22.33	22.63	22.92
NWL43	20.90	21.04	21.20	21.60	21.92
NWL44	21.96	22.07	22.21	22.56	22.86
NWL45	21.03	21.20	21.40	21.88	22.25
NWL46	22.56	22.64	22.75	23.03	23.31
NWL47	21.60	21.71	21.85	22.20	22.50
NWL48	21.32	21.43	21.60	21.98	22.28
NWL49	21.59	21.70	21.84	22.13	22.39
NWL50	21.83	22.01	22.14	22.47	22.76
NWL51	21.83	21.91	22.02	22.32	22.60
NWL52	21.67	21.76	21.88	22.21	22.50
NWL53	21.94	22.01	22.12	22.43	22.72
NWL54	21.67	21.77	21.89	22.21	22.50
NWL55	21.96	22.04	22.15	22.43	22.71
NWL56	22.52	22.61	22.74	23.03	23.30
NWL57	21.85	21.99	22.17	22.52	22.82
NWL58	21.09	21.22	21.39	21.82	22.18
NWL59	21.79	21.96	22.18	22.71	23.04
NWL60	22.02	22.14	22.29	22.65	22.94
NWL61	20.98	21.22	21.54	22.04	22.36
NWL62	22.13	22.21	22.31	22.60	22.88
NWL63	21.86	21.94	22.05	22.35	22.64
NWL64	22.03	22.12	22.23	22.51	22.78
NWL65	22.64	22.72	22.83	23.14	23.44
NWL66	22.03	22.10	22.20	22.46	22.73
NWL67	21.68	21.78	22.07	22.86	23.14
NWL68	22.91	22.99	23.09	23.39	23.67
NWL69	22.70	22.77	22.88	23.16	23.44
NWL70	22.93	23.00	23.09	23.32	23.56
NWL71	22.31	22.44	22.57	22.88	23.16
NWL72	22.30	22.40	22.53	22.82	23.09
NWL73	21.62	21.69	21.79	22.09	22.38
NWL74	20.86	20.95	21.07	21.32	21.69
NWL75	22.59	22.66	22.76	23.04	23.30
NWL76	21.60	21.75	21.95	22.42	22.80
NWL77	21.50	21.68	21.92	22.55	22.98
NWL78	22.85	22.98	23.14	23.52	23.84
NWL79	22.87	22.99	23.16	23.55	23.86
NWL80	22.41	22.43	22.45	22.53	22.59
NWL81	22.66	22.79	22.96	23.37	23.71
NWL82	23.03	23.15	23.30	23.69	24.00
NWL83	23.12	23.24	23.39	23.76	24.06
NWL84	22.90	22.99	23.10	23.42	23.71
NWL85	21.69	21.80	21.93	22.25	22.54
NWL86	21.77	21.97	22.17	22.50	22.78
NWL87	21.99	22.07	22.17	22.43	22.68

PRE-DEVELOPMENT PEAK STAGES (NAVD88)					
NAME	3YR 24HR	5YR 24HR	10YR 24HR	25YR 72HR	100YR 72HR
NWL88	22.01	22.14	22.30	22.62	22.89
NWL89	22.18	22.33	22.51	22.91	23.23
NWL90	22.43	22.53	22.65	22.96	23.25
NWL91	22.34	22.46	22.60	22.94	23.23
NWL92	21.17	21.34	21.53	21.97	22.31
NWL93	22.59	22.68	22.80	23.07	23.33
NWL94	21.80	21.98	22.18	22.63	22.96
NWL95	20.96	21.07	21.20	21.55	21.85
NWL96	21.14	21.23	21.36	21.64	21.89
NWL97	21.42	21.56	21.73	22.11	22.43
NWL98	20.64	20.75	20.89	21.24	21.53
NWL99	20.53	20.65	20.78	21.11	21.40
OUTFALL	12.38	12.38	12.38	12.38	12.38

3 POST-DEVELOPMENT

The proposed stormwater management system to provide water quality treatment and attenuation for this project utilizing a combination of dry detention swales, wet conveyance ditches, wet ponds, drainage piping, culverts, and a control structure upstream of the existing C-44 Canal connection location. The initial post-development analysis of the project area includes four master stormwater basins (Pod A1, Pod A2, Pod B, and Pod C). These areas interconnect via wet conveyance ditches and existing storm conveyance culverts under SW Kanner Highway and discharge at the relocated control structure into the C44 canal, similar to existing pre-development drainage patterns. Stormwater attenuation and water quality treatment will be provided within the wet conveyance ditches throughout the site, the proposed wet ponds, and in dry detention swales adjacent to wetlands. There is approximately 262.87± acres located in the southeast of the project that will remain undeveloped in its existing conditions. A Post-Development Basin Map has been provided. (See Exhibit I). Pod areas can be found in Table 5 below.

TABLE 4: WATER QUALITY REQUIREMENTS

TREATMENT VOLUME				
STORMWATER BASIN	MARTIN COUNTY REQUIREMENTS	SFWMD REQUIREMENTS	PROVIDED TREATMENT	STAGE AT PROVIDED TREATMENT
	AC-FT	AC-FT	AC-FT	(NAVD88)
POD A1	126.17	198.31	291.39	23.70'
POD A2	39.73	52.45	23.84	23.70'
POD B	143.79	148.93	130.77	23.00'
POD C	29.39	55.25	27.87	22.45'
TOTAL	339.07	454.94	473.86	

Please note that although treatment volume requirements shown in the table above are broken out by the individual post-development stormwater basins to accurately reflect the differing land-use breakdowns within each basin, treatment for this project is being addressed holistically as a grand total of each basin's treatment volume required versus provided.

TABLE 5: POD AREAS

STORMWATER BASIN	AREA
POD A1	1586.48 ac
POD A2	419.60 ac
POD B	1191.44 ac
POD C	442.02 ac
TOTAL	3,639.54 ac

3.1 WATER QUALITY TREATMENT

The stormwater management system will provide full water quality treatment and net improvement of nutrient loading using dry detention, dry stormwater areas, wet conveyance swales, and wet ponds. The onsite wetlands will remain undisturbed and modeled in the post-development condition to ensure similar hydroperiods and staging compared to pre-development conditions, ensuring there are no adverse impacts to the quality of the wetlands. Required treatment and provided treatment volumes are

compared in Table 4 above. Supporting calculations, including treatment volume calculations, can be found in Appendix 2. This project will be designed to meet South Florida Water Management District (SFWMD) and Martin County requirements for development and will be designed to not exceed the pre-development peak discharges for the 25-year 3-day storm event. Pre-development and post-development discharge rates for each storm event are compared in Table 6. Post-development peak stages for each storm event can be found in Table 7 below. Peak stages were used to determine the minimum design elevation found in Table 8 with an allowance of freeboard. The total treatment volume provided in dry detention areas is 145.50 ac-ft, in lakes is 262.06 ac-ft, and in the wet ditches is 66.31 ac-ft; totaling 473.87 ac-ft.

TABLE 6: POST DEVELOPMENT DISCHARGE TO C-44 CANAL

STORM EVENT	PRE-DEVELOPMENT DISCHARGE	POST-DEVELOPMENT DISCHARGE	PRE-DEVELOPMENT TOTAL VOLUME	POST-DEVELOPMENT TOTAL VOLUME
3YR/24HR	303.17 cfs	75.00 cfs	329.26 ac-ft	62.48 ac-ft
25YR/72HR	410.26 cfs	157.92 cfs	688.10 ac-ft	190.60 ac-ft
25YR/72HR	(410.26 cfs / 3639.54 ac = 0.113 cfs/ac)	(157.92 cfs / 3639.54 ac = 0.043 cfs/ac)		

TABLE 7: POST DEVELOPMENT PEAK STAGES AND TIMES (NAVD88)

STORM EVENT	POD A1		POD A2		POD B		POD C	
	NAVD88	HOUR	NAVD88	HOUR	NAVD88	HOUR	NAVD88	HOUR
3YR/24HR	23.00'	24.58	23.85'	13.20	22.31'	42.52	22.79'	21.97
5YR/24HR	23.32'	24.51	24.01'	13.30	22.61'	41.84	22.99'	22.82
10YR/24HR	23.71'	24.49	24.18'	13.59	22.99'	34.12	23.22'	24.07
25YR/72HR	24.57'	72.30	24.42''	62.10	23.87''	80.57	23.71'	72.40
100YR/72HR ZERO DISCHARGE	25.24'	72.28	24.76'	160.29	24.76'	360.00	24.76'	360.00

TABLE 8: MINIMUM DESIGN ELEVATIONS

MINIMUM DESIGN ELEVATIONS (NAVD88)	
MINIMUM PAVEMENT (10YR/24HR)	24.30'
MINIMUM PERIMETER BERM (25YR/27HR)	24.70'
MINIMUM F.F.E. (100YR/72HR)	25.30'

4 CONCLUSION

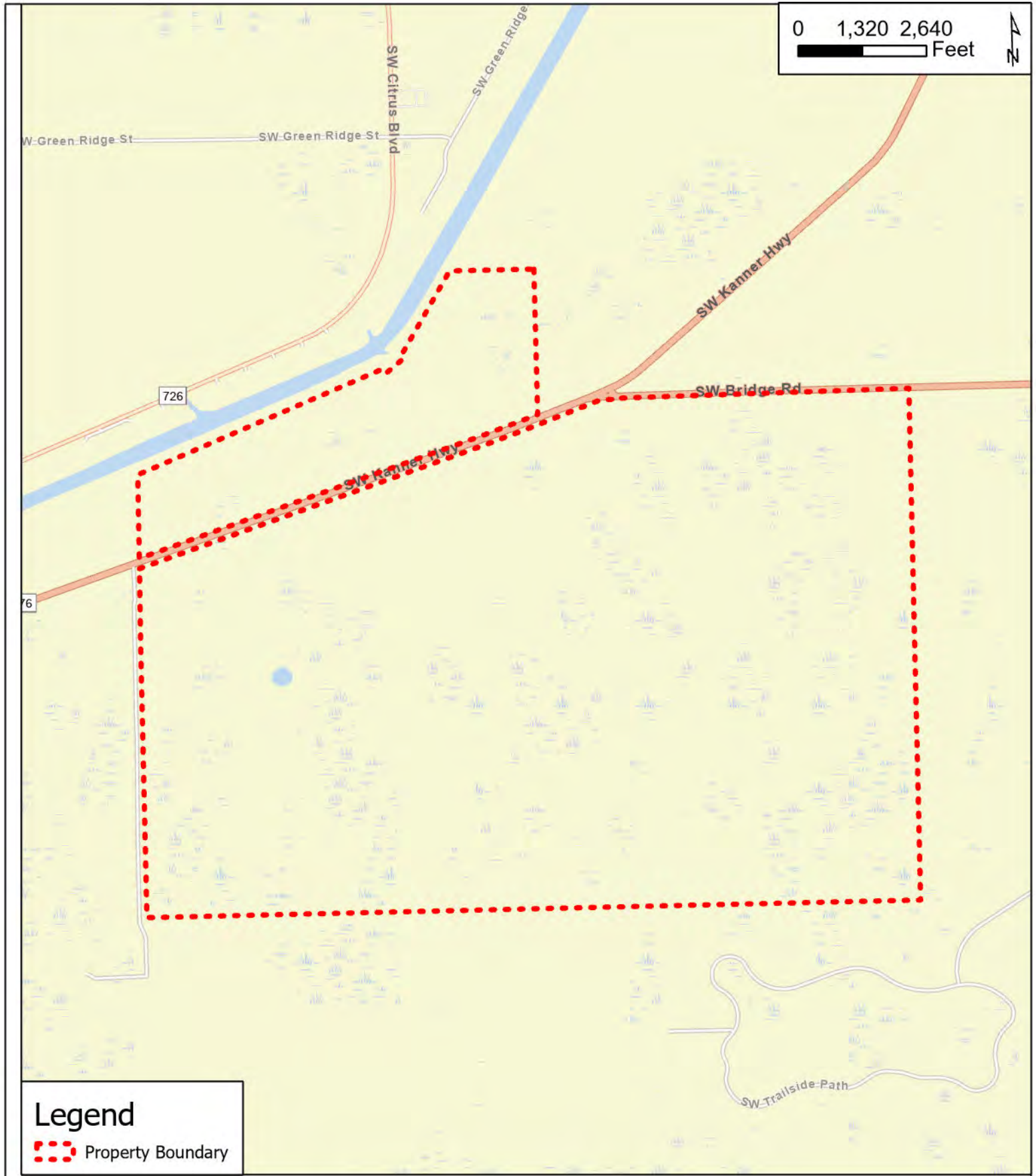
In conclusion, the Master Plan stormwater management system has been designed in accordance with SFWMD and Martin County requirements for water quality treatment and attenuation. The proposed project will have future detailed modeling for each of the master basin pods as they are developed and will meet the land use grading criteria in this report and will provide detailed calculations showing no impacts to the wetland hydroperiods. The proposed stormwater management system will provide a net improvement of stormwater runoff quality, reduction of the discharge into the C-44 Canal and will have no adverse impacts on surrounding properties or the adjacent rights-of-way.

5 COMPLIANCE STATEMENT

I, Jason A Webber, P.E., do certify to Martin County that the application for The Ranch PUD has been designed in full compliance with division 9 of article 4 of the Martin County Land Development Regulations (LDR). I acknowledge that Martin County's LDR may and do include requirements that are more stringent or restrictive than the requirements of other regulatory agencies including, but not limited to, the South Florida Water Management District (SFWMD), the U.S. Army Corps of Engineers (USACOE), the U.S. Environmental Protection Agency (EPA) and the Florida Department of Environmental Protection (FDEP). Any plans, calculations, reports, or other documents submitted to Martin County or any regulatory agency in support of the application have been prepared in full recognition of and compliance with Martin County LDR.

Exhibit A

Location Map



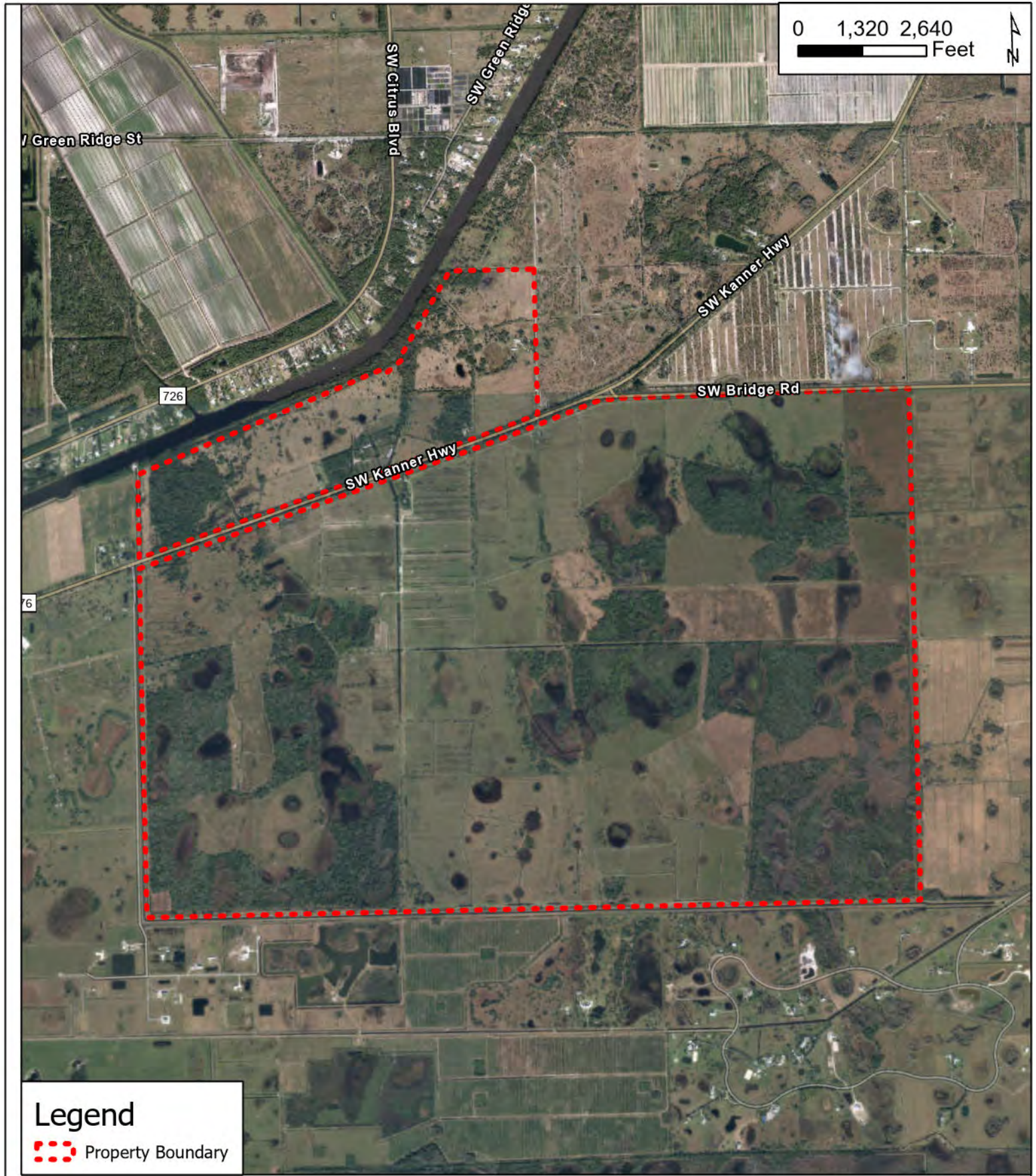
Location Map



**The Ranch
 Martin County, Florida**

Exhibit B

Aerial Map



Legend
 ■■■■ Property Boundary

Aerial Map

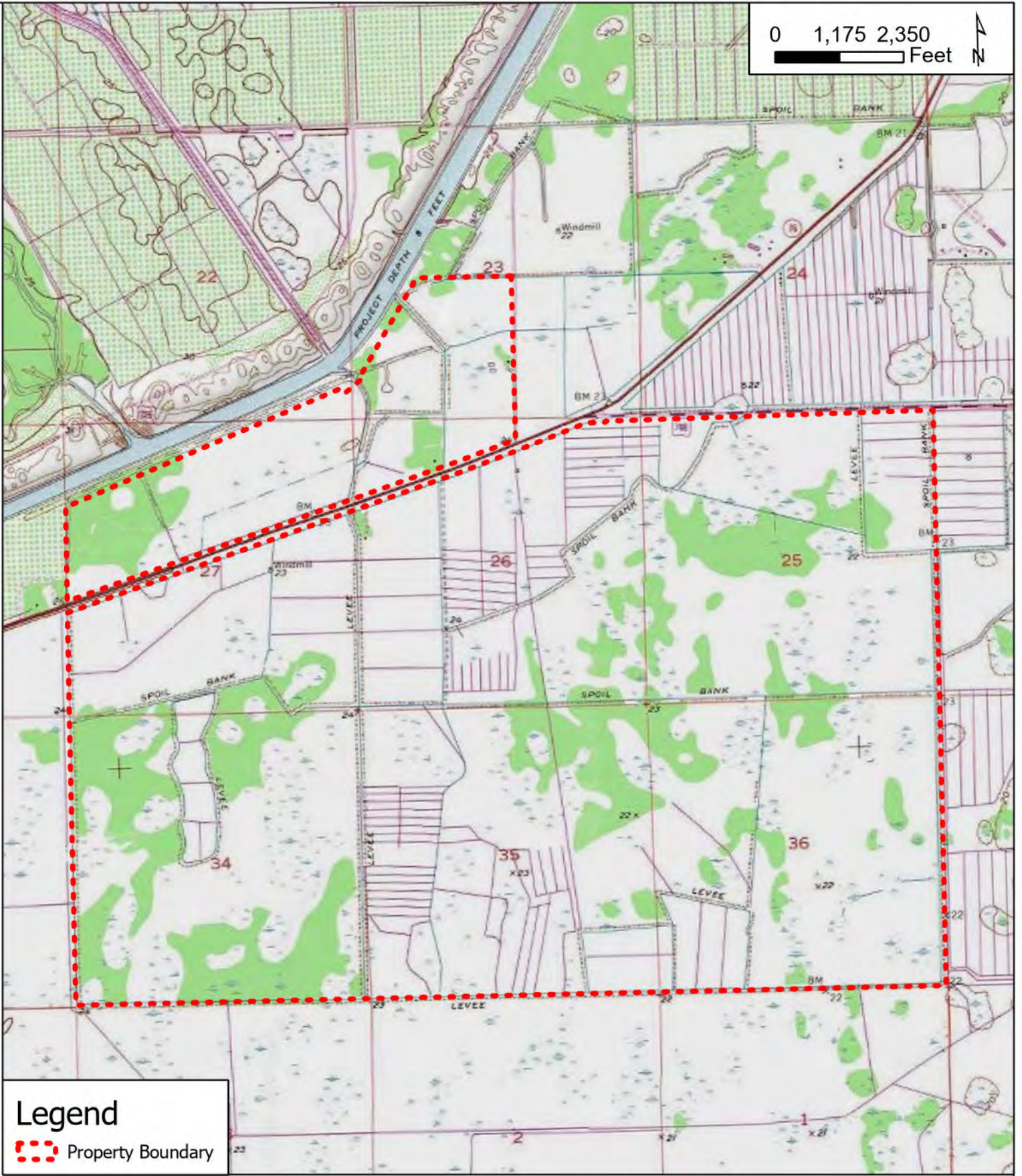
Kimley»Horn

**The Ranch
 Martin County, Florida**

Exhibit C

USGS QUAD Map

0 1,175 2,350 Feet



Legend

 Property Boundary

USGS Quad Map

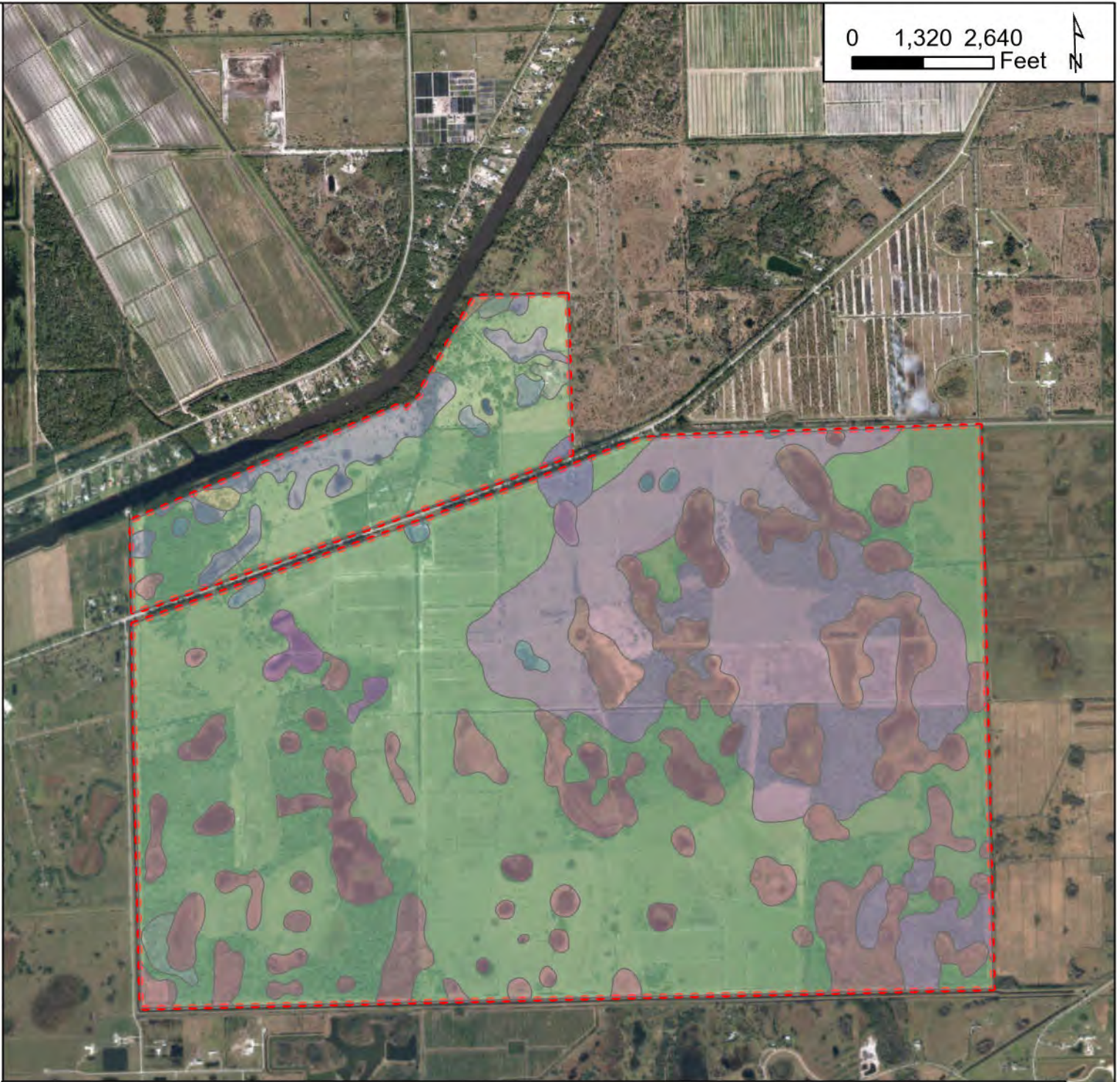
Kimley»Horn

**The Ranch
Martin County, Florida**

Exhibit D

NRCS Soil Map

0 1,320 2,640 Feet



Legend

Property Boundary

Soil Types

- | | |
|--|--|
| 17,WABASSO SAND, 0 TO 2 PERCENT SLOPES | 47,PINELLAS FINE SAND |
| 21,PINEDA AND RIVIERA FINE SANDS | 49,RIVIERA FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES |
| 36,ARENTS, 0 TO 2 PERCENT SLOPES | 52,MALABAR FINE SAND, HIGH, 0 TO 2 PERCENT SLOPES |
| 38,FLORIDANA FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES | 53,UDORTHERTS, 0 TO 35 PERCENT SLOPES |
| | 57,CHOBEE MUCK, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES |
| | 58,GATOR AND TEQUESTA MUCKS |

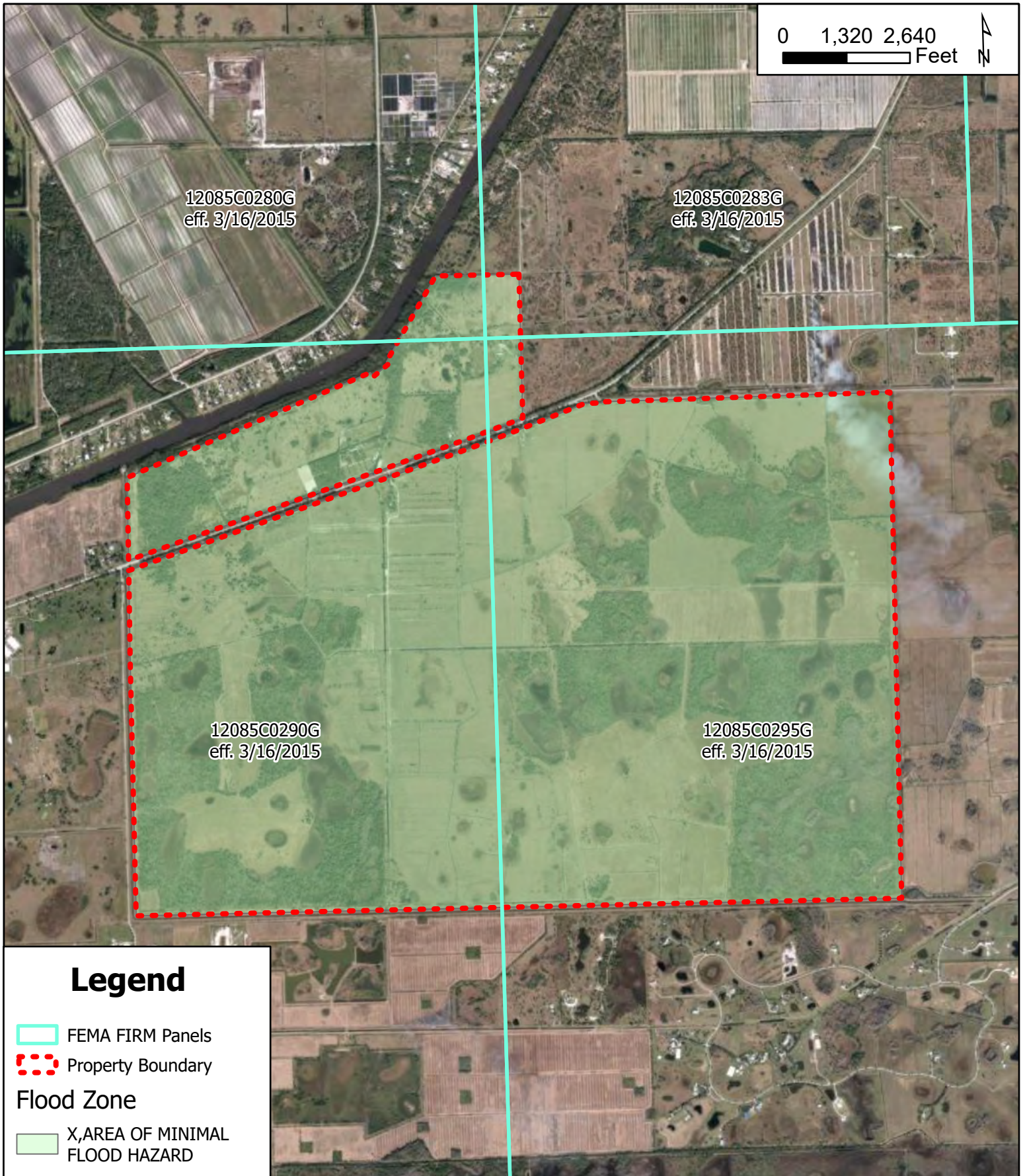
NRCS Soils Map

**The Ranch
Martin County, Florida**



Exhibit E

FEMA Flood Zone Map



0 1,320 2,640 Feet

12085C0280G
eff. 3/16/2015

12085C0283G
eff. 3/16/2015

12085C0290G
eff. 3/16/2015

12085C0295G
eff. 3/16/2015

Legend

- FEMA FIRM Panels
- Property Boundary

Flood Zone

- X, AREA OF MINIMAL FLOOD HAZARD

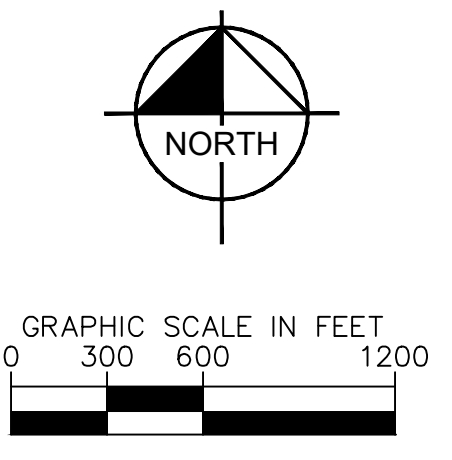
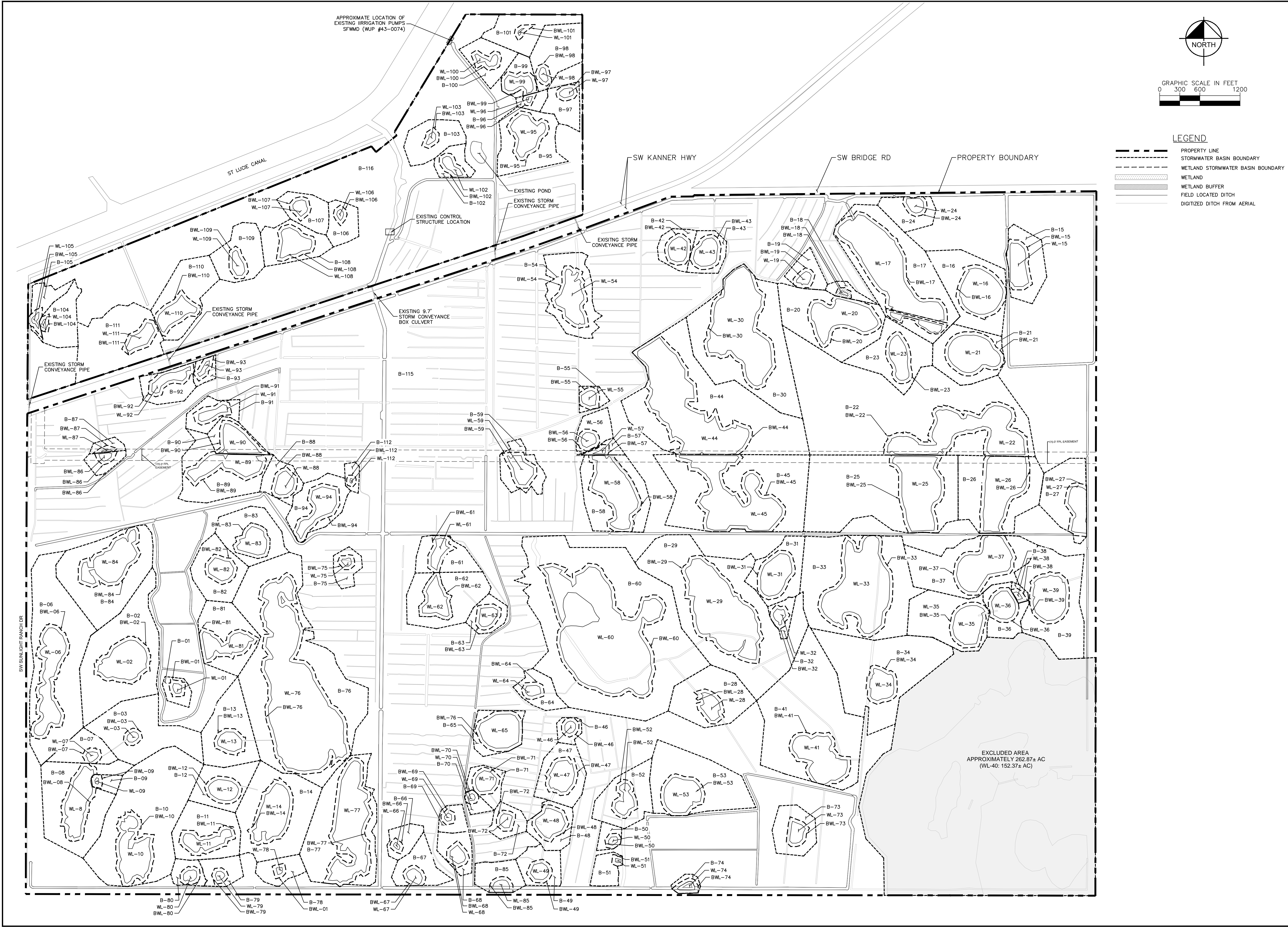
FEMA Flood Zone Map

Kimley»Horn

**The Ranch
Martin County, Florida**

Exhibit F

Pre-Development Basin Map



LEGEND

	PROPERTY LINE
	STORMWATER BASIN BOUNDARY
	WETLAND STORMWATER BASIN BOUNDARY
	WETLAND
	WETLAND BUFFER
	FIELD LOCATED DITCH
	DIGITIZED DITCH FROM AERIAL

NO.	REVISIONS	DATE	BY

Kimley»Horn
 © 2023 KIMLEY-HORN AND ASSOCIATES, INC.
 1615 S. CONGRESS AVE., SUITE 201,
 DELRAY BEACH, FL 33445
 PHONE: 561-330-2345 FAX: 561-863-8175
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

LICENSED PROFESSIONAL	JASON A. WEBBER, P.E.
KHA PROJECT	245220000
DATE	FEBRUARY 2024
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	
CHECKED BY	
FL LICENSE NUMBER	73962
DATE:	

**PRE-DEVELOPMENT
BASIN MAP**

THE RANCH PUD
 PREPARED FOR
JWA RANCH, LLC
 MARTIN COUNTY

Exhibit G

Pre-Development Area Table

PRE-DEVELOPMENT LAND USE AND SEASON HIGH WATER						
BASIN UNITS	AREA (ACRES)	IMPERVIOUS AREA (ACRES)	PERVIOUS AREA (ACRES)	WETLAND AREA (ACRES)	WETLAND BUFFER (ACRES)	SHWL (NAVD)
B-1	2.11	0.00	2.11	0.00	0.00	21.44
B-2	27.09	0.00	27.09	0.00	0.00	21.81
B-3	21.55	0.00	21.55	0.00	0.00	22.70
B-6	33.66	0.00	33.66	0.00	0.00	22.56
B-7	6.17	0.00	6.17	0.00	0.00	21.87
B-8	18.62	0.00	18.62	0.00	0.00	22.25
B-9	1.63	0.00	1.63	0.00	0.00	21.74
B-10	39.29	0.00	39.29	0.00	0.00	22.24
B-11	11.61	0.00	11.61	0.00	0.00	21.25
B-12	7.45	0.00	7.45	0.00	0.00	21.65
B-13	13.63	0.00	13.63	0.00	0.00	22.02
B-14	20.25	0.00	20.25	0.00	0.00	21.02
B-15	6.64	0.00	6.64	0.00	0.00	20.11
B-16	12.48	0.00	12.48	0.00	0.00	20.46
B-17	18.35	0.00	18.35	0.00	0.00	19.62
B-18	1.82	0.00	1.82	0.00	0.00	20.79
B-19	3.64	0.00	3.64	0.00	0.00	20.43
B-20	15.32	0.00	15.32	0.00	0.00	21.06
B-21	6.90	0.00	6.90	0.00	0.00	20.60
B-22	73.49	0.00	73.49	0.00	0.00	20.09
B-23	11.77	0.00	11.77	0.00	0.00	20.35
B-24	5.47	0.00	5.47	0.00	0.00	19.30
B-25	39.18	0.00	39.18	0.00	0.00	19.92
B-26	13.19	0.00	13.19	0.00	0.00	20.23
B-27	9.06	0.00	9.06	0.00	0.00	20.38
B-28	14.85	0.00	14.85	0.00	0.00	20.81
B-29	41.28	0.00	41.28	0.00	0.00	21.43
B-30	24.65	0.00	24.65	0.00	0.00	20.67
B-31	6.54	0.00	6.54	0.00	0.00	21.32
B-32	1.78	0.00	1.78	0.00	0.00	22.02
B-33	28.02	0.00	28.02	0.00	0.00	20.42
B-34	33.91	0.00	33.91	0.00	0.00	19.95
B-35	12.45	0.00	12.45	0.00	0.00	20.60
B-36	4.83	0.00	4.83	0.00	0.00	20.60
B-37	16.08	0.00	16.08	0.00	0.00	20.60
B-38	0.27	0.00	0.27	0.00	0.00	20.60
B-39	20.20	0.00	20.20	0.00	0.00	20.60
B-40	104.60	0.00	104.60	0.00	0.00	20.60
B-41	42.98	0.00	42.98	0.00	0.00	20.74
B-42	2.89	0.00	2.89	0.00	0.00	21.61
B-43	2.64	0.00	2.64	0.00	0.00	20.02
B-44	36.06	0.00	36.06	0.00	0.00	21.16
B-45	29.45	0.00	29.45	0.00	0.00	20.00
B-46	1.53	0.00	1.53	0.00	0.00	21.82
B-47	7.19	0.00	7.19	0.00	0.00	20.77
B-48	3.82	0.00	3.82	0.00	0.00	20.66
B-49	5.21	0.00	5.21	0.00	0.00	20.69
B-50	1.74	0.00	1.74	0.00	0.00	20.84
B-51	3.75	0.00	3.75	0.00	0.00	21.10
B-52	10.09	0.00	10.09	0.00	0.00	20.82
B-53	19.93	0.00	19.93	0.00	0.00	21.42
B-54	10.10	0.00	10.10	0.00	0.00	20.87
B-55	1.05	0.00	1.05	0.00	0.00	21.36
B-56	3.99	0.00	3.99	0.00	0.00	21.77
B-57	1.03	0.00	1.03	0.00	0.00	20.86
B-58	10.04	0.00	10.04	0.00	0.00	20.28
B-59	4.54	0.00	4.54	0.00	0.00	20.81
B-60	66.79	0.00	66.79	0.00	0.00	21.19
B-61	6.26	0.00	6.26	0.00	0.00	19.63
B-62	14.08	0.00	14.08	0.00	0.00	21.29
B-63	2.86	0.00	2.86	0.00	0.00	21.14
B-64	4.79	0.00	4.79	0.00	0.00	21.16
B-65	2.21	0.00	2.21	0.00	0.00	22.12
B-66	3.83	0.00	3.83	0.00	0.00	21.67
B-67	6.53	0.00	6.53	0.00	0.00	21.02
B-68	3.92	0.00	3.92	0.00	0.00	22.46
B-69	2.72	0.00	2.72	0.00	0.00	22.25
B-70	1.33	0.00	1.33	0.00	0.00	22.48
B-71	2.69	0.00	2.69	0.00	0.00	21.44
B-72	3.32	0.00	3.32	0.00	0.00	21.41
B-73	6.87	0.00	6.87	0.00	0.00	21.39
B-74	0.72	0.00	0.72	0.00	0.00	20.28
B-75	3.36	0.00	3.36	0.00	0.00	22.22
B-76	41.37	0.00	41.37	0.00	0.00	20.73

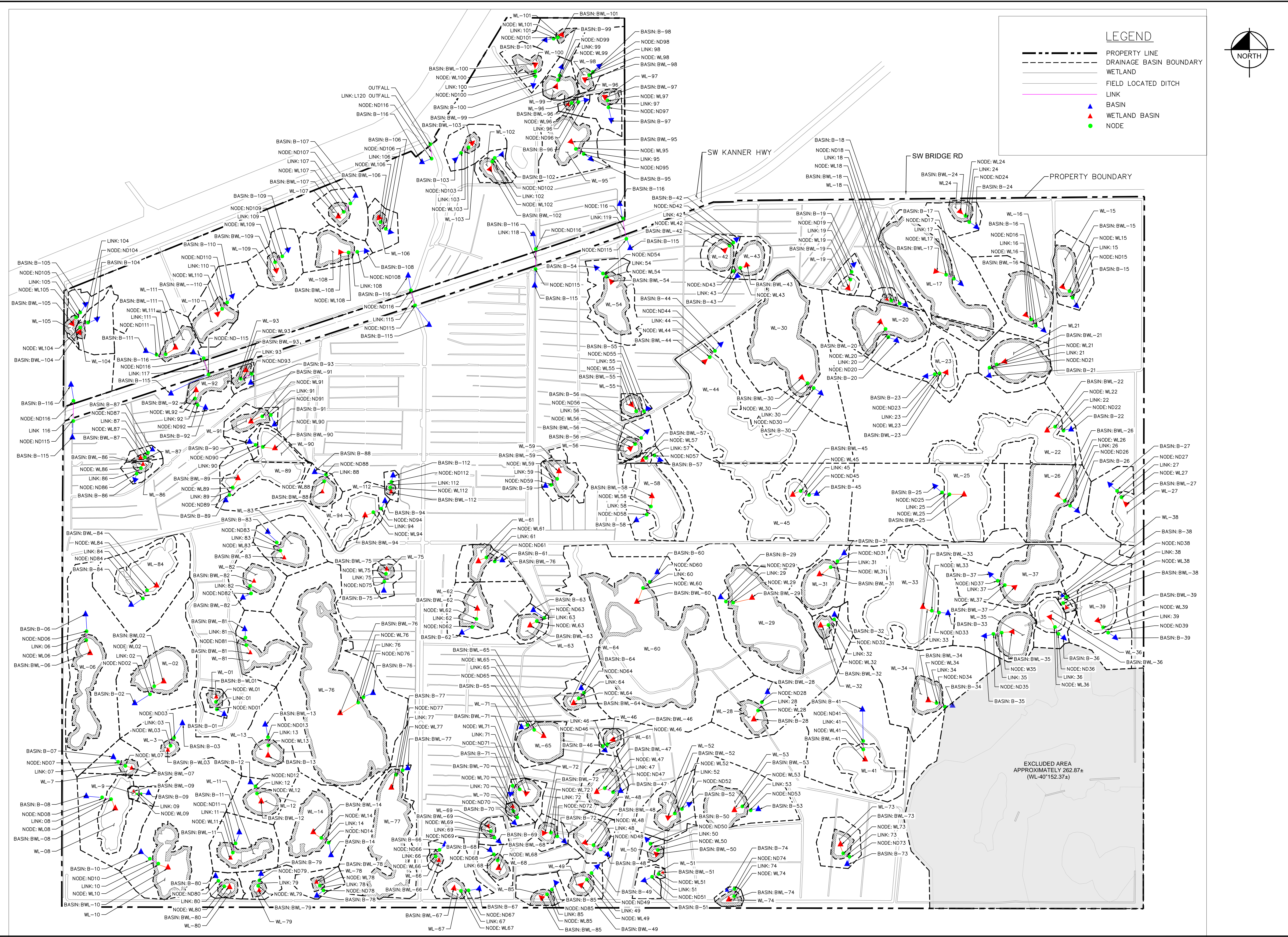
PRE-DEVELOPMENT LAND USE AND SEASON HIGH WATER						
BASIN	AREA	IMPERVIOUS AREA	PERVIOUS AREA	WETLAND AREA	WETLAND BUFFER	SHWL
B-77	17.71	0.00	17.71	0.00	0.00	20.86
B-78	4.57	0.00	4.57	0.00	0.00	21.72
B-79	4.27	0.00	4.27	0.00	0.00	21.96
B-80	2.44	0.00	2.44	0.00	0.00	22.31
B-81	10.22	0.00	10.22	0.00	0.00	21.66
B-82	13.19	0.00	13.19	0.00	0.00	22.14
B-83	10.08	0.00	10.08	0.00	0.00	22.21
B-84	20.79	0.00	20.79	0.00	0.00	21.90
B-85	5.28	0.00	5.28	0.00	0.00	20.47
B-86	2.41	0.00	2.41	0.00	0.00	20.71
B-87	1.53	0.00	1.53	0.00	0.00	21.25
B-88	3.41	0.00	3.41	0.00	0.00	21.18
B-89	12.55	0.00	12.55	0.00	0.00	20.99
B-90	1.68	0.00	1.68	0.00	0.00	21.78
B-91	3.74	0.00	3.74	0.00	0.00	21.41
B-92	4.59	0.00	4.59	0.00	0.00	20.03
B-93	1.34	0.00	1.34	0.00	0.00	21.84
B-94	6.62	0.00	6.62	0.00	0.00	20.74
B-95	10.72	0.00	10.72	0.00	0.00	20.15
B-96	1.66	0.00	1.66	0.00	0.00	20.46
B-97	5.11	0.00	5.11	0.00	0.00	19.85
B-98	11.11	0.00	11.11	0.00	0.00	19.28
B-99	2.23	0.00	2.23	0.00	0.00	19.69
B-100	5.69	0.00	5.69	0.00	0.00	20.50
B-101	9.72	0.00	9.72	0.00	0.00	18.71
B-102	2.78	0.00	2.78	0.00	0.00	20.45
B-103	8.66	0.00	8.66	0.00	0.00	18.81
B-104	8.21	0.00	8.21	0.00	0.00	19.30
B-105	3.77	0.00	3.77	0.00	0.00	19.44
B-106	5.11	0.00	5.11	0.00	0.00	20.80
B-107	5.52	0.00	5.52	0.00	0.00	20.36
B-108	6.39	0.00	6.39	0.00	0.00	20.38
B-109	9.20	0.00	9.20	0.00	0.00	21.35
B-110	11.44	0.00	11.44	0.00	0.00	20.20
B-111	20.52	0.00	20.52	0.00	0.00	20.00
B-112	1.49	0.00	1.49	0.00	0.00	21.75
B-116	272.00	0.00	272.00	0.00	0.00	19.98
B-115	1372.00	0.00	1372.00	0.00	0.00	21.12
B-113	34.17	6.51	27.66	0.00	0.00	20.55
B-114	14.79	3.17	11.62	0.00	0.00	20.55
WLB-1	1.19	0.00	1.19	0.37	0.82	21.44
WLB-2	9.65	0.00	9.65	6.82	2.83	21.81
WLB-3	1.23	0.00	1.23	0.45	0.78	22.70
WLB-6	12.95	0.00	12.95	7.83	5.13	22.56
WLB-7	1.27	0.00	1.27	0.46	0.81	21.87
WLB-8	9.27	0.00	9.27	5.96	3.31	22.25
WLB-9	0.64	0.00	0.64	0.10	0.54	21.74
WLB-10	10.73	0.00	10.73	6.64	4.09	22.24
WLB-11	5.16	0.00	5.16	2.62	2.54	21.25
WLB-12	4.04	0.00	4.04	2.47	1.57	21.65
WLB-13	3.27	0.00	3.27	1.83	1.44	22.02
WLB-14	9.94	0.00	9.94	6.78	3.16	21.02
WLB-15	5.40	0.00	5.40	3.31	2.09	20.11
WLB-16	10.12	0.00	10.12	7.51	2.61	20.46
WLB-17	26.71	0.00	26.71	20.34	6.37	19.62
WLB-18	0.70	0.00	0.70	0.11	0.59	20.79
WLB-19	1.63	0.00	1.63	0.65	0.98	20.43
WLB-20	11.81	0.00	11.81	8.20	3.61	21.06
WLB-21	9.94	0.00	9.94	7.28	2.66	20.60
WLB-22	23.81	0.00	23.81	15.86	7.95	20.09
WLB-23	5.13	0.00	5.13	3.10	2.03	20.35
WLB-24	2.11	0.00	2.11	1.01	1.09	19.30
WLB-25	16.76	0.00	16.76	12.67	4.10	19.92
WLB-26	15.26	0.00	15.26	11.36	3.90	20.23
WLB-27	5.74	0.00	5.74	3.43	2.30	20.38
WLB-28	3.56	0.00	3.56	1.85	1.71	20.81
WLB-29	26.12	0.00	26.12	20.77	5.35	21.43
WLB-30	27.16	0.00	27.16	22.15	5.88	20.67
WLB-31	6.97	0.00	6.97	4.79	2.19	21.32
WLB-32	1.64	0.00	1.64	0.63	1.00	22.02
WLB-33	25.55	0.00	25.55	19.85	5.70	20.42
WLB-34	4.90	0.00	4.90	3.06	1.84	19.95
WLB-35	6.96	0.00	6.96	4.76	2.20	20.60
WLB-36	4.27	0.00	4.27	3.03	1.88	20.60
WLB-37	12.33	0.00	12.33	9.03	3.30	20.60

PRE-DEVELOPMENT LAND USE AND SEASON HIGH WATER						
BASIN	AREA	IMPERVIOUS AREA	PERVIOUS AREA	WETLAND AREA	WETLAND BUFFER	SHWL
WLB-39	8.75	0.00	8.75	6.30	2.46	20.60
WLB-40	172.03	0.00	172.03	152.37	22.81	20.60
WLB-41	11.40	0.00	11.40	8.10	3.31	20.74
WLB-42	3.34	0.00	3.34	1.93	1.41	21.61
WLB-43	4.21	0.00	4.21	2.59	1.62	20.02
WLB-44	32.47	0.00	32.47	25.31	7.16	21.16
WLB-45	24.41	0.00	24.41	17.35	7.06	20.00
WLB-46	1.34	0.00	1.34	0.53	0.82	21.82
WLB-47	4.95	0.00	4.95	3.11	1.84	20.77
WLB-48	4.74	0.00	4.74	2.97	1.77	20.66
WLB-49	2.31	0.00	2.31	1.18	1.14	20.69
WLB-50	0.99	0.00	0.99	0.30	0.69	20.84
WLB-51	0.60	0.00	0.60	0.09	0.51	21.10
WLB-52	3.50	0.00	3.50	1.74	1.76	20.82
WLB-53	7.33	0.00	7.33	5.10	2.23	21.42
WLB-54	7.57	0.00	7.57	4.70	2.87	20.87
WLB-55	1.97	0.00	1.97	0.92	1.05	21.36
WLB-56	1.86	0.00	1.86	0.86	1.00	21.77
WLB-57	0.97	0.00	0.97	0.21	0.77	20.86
WLB-58	12.88	0.00	12.88	9.15	3.72	20.28
WLB-59	4.04	0.00	4.04	2.25	1.79	20.81
WLB-60	50.61	0.00	50.61	39.90	10.72	21.19
WLB-61	3.18</					

Exhibit H

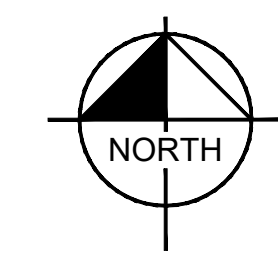
ICPR Node Map

Plotted By: C:\Users\jrb\OneDrive\Desktop\ICPR NODAL MAP.dwg February 09, 2024 12:21:04pm K:\BCD_civil\245220000 - Calusa Creek\CADD\PlanSheets\SF_WMD_Master_Concept\ICPR_NODAL_MAP.dwg



LEGEND

- PROPERTY LINE
- - - DRAINAGE BASIN BOUNDARY
- WETLAND
- FIELD LOCATED DITCH
- LINK
- ▲ BASIN
- ▲ WETLAND BASIN
- NODE



NO.	REVISIONS	DATE	BY

Kimley **Horn**

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
1615 S. CONGRESS AVE., SUITE 201,
DELRAY BEACH, FL 33445
PHONE: 561-330-2345 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM

LICENSED PROFESSIONAL
JASON A. WEBBER, P.E.
FL LICENSE NUMBER
73962

KHA PROJECT
245220000
DATE
FEBRUARY 2024
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY

ICPR NODAL MAP

THE RANCH PUD
PREPARED FOR
JWA RANCH, LLC

MARTIN COUNTY

SHEET NUMBER
EX. H

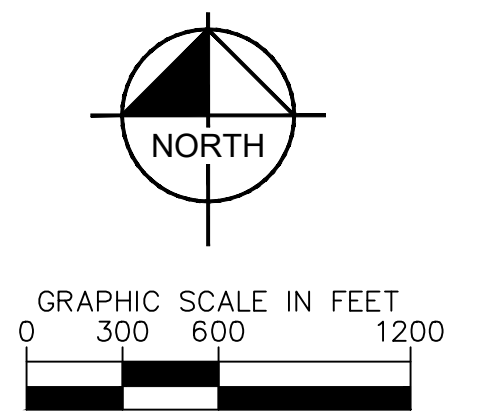
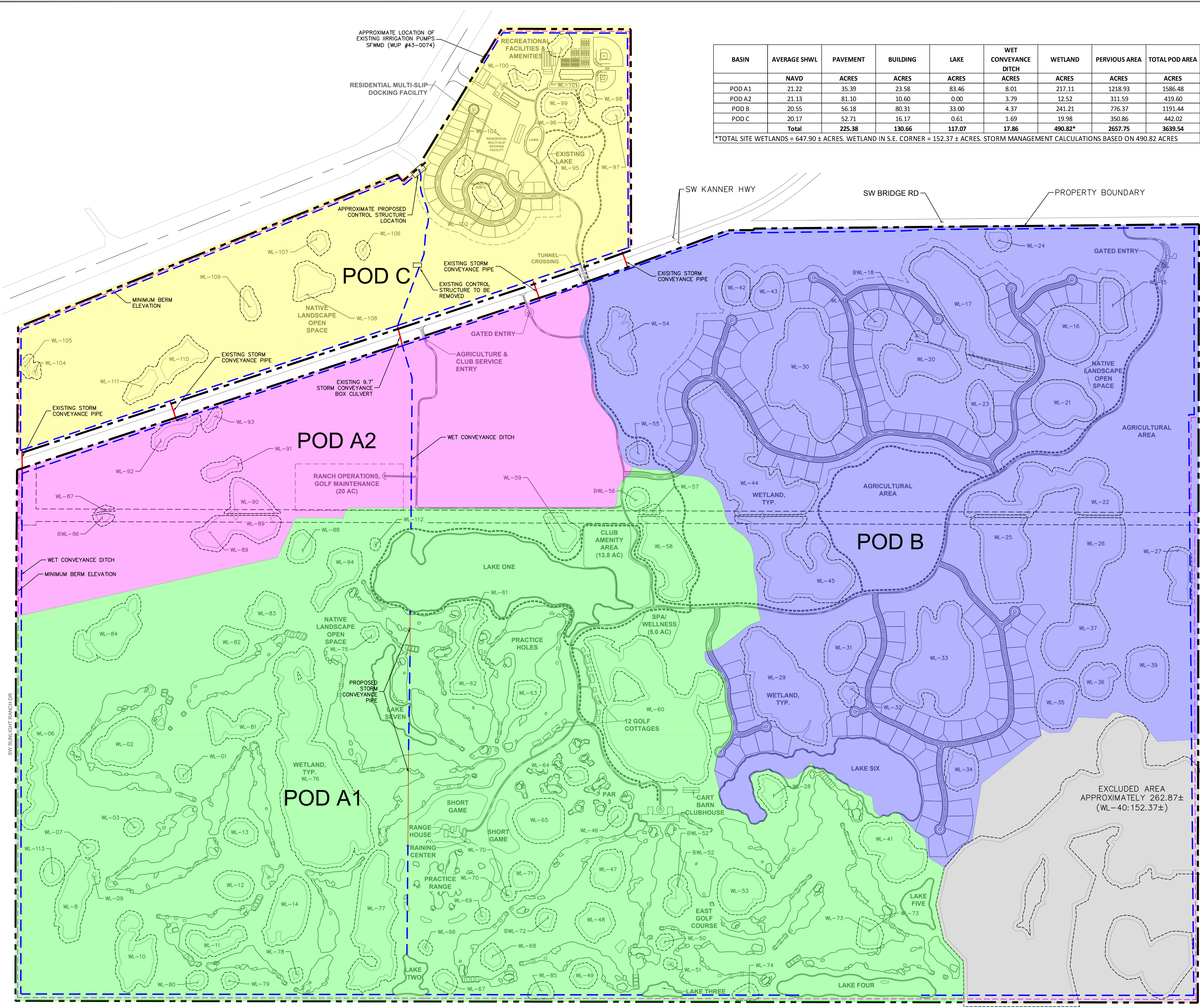
EXCLUDED AREA
APPROXIMATELY 262.87±
(WL-40\152.37±)

Exhibit I

Post Development Basin Map

BASIN	AVERAGE SHWL	PAVEMENT	BUILDING	LAKE	WET CONVEYANCE DITCH	WETLAND	PERVIOUS AREA	TOTAL POD AREA
	NAVD	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES
POD A1	21.22	35.39	23.58	83.46	8.01	217.11	1218.93	1586.48
POD A2	21.13	81.10	10.60	0.00	3.79	12.52	311.59	419.60
POD B	20.55	56.18	80.31	33.00	4.37	241.21	776.37	1191.44
POD C	20.17	52.71	16.17	0.61	1.69	19.98	350.86	442.02
Total		225.38	130.66	117.07	17.86	490.82*	2657.75	3639.54

*TOTAL SITE WETLANDS = 647.90 ± ACRES. WETLAND IN S.E. CORNER = 152.37 ± ACRES. STORM MANAGEMENT CALCULATIONS BASED ON 490.82 ACRES



LEGEND

	PROPERTY LINE
	WET CONVEYANCE DITCH
	STORM CONVEYANCE PIPE
	PERIMETER BERM
	WETLAND BUFFER

No.	REVISIONS	DATE	BY

Kimley

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
1615 S. CONGRESS AVE., SUITE 201,
DELRAY BEACH, FL 33445
PHONE: 561-330-2345 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

JASON A. WEBBER, P.E.
FL LICENSE NUMBER
73962

KHA PROJECT
245220000
DATE
FEB. 2024
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY

**POST-DEVELOPMENT
BASIN MAP**

THE RANCH PUD
PREPARED FOR
JWA RANCH, LLC
MARTIN COUNTY

SHEET NUMBER
EX. I

The Ranch PUD

Appendix 1

Pre-Development Stage, Storage, and Time of
Concentration Calculations

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-01	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.00	2.11
PRODUCT	0.00	0.00	0.00	168.80	0.00	0.00	0.00	0.00	0.00	0.00	168.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	27.25	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.60	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.64	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.84	0.01	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000
22.04	0.04	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000
22.24	0.08	0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000
22.44	0.13	0.000	0.000	0.132	0.000	0.000	0.000	0.000	0.000	0.000
22.64	0.20	0.000	0.000	0.202	0.000	0.000	0.000	0.000	0.000	0.000
22.84	0.29	0.000	0.000	0.287	0.000	0.000	0.000	0.000	0.000	0.000
23.04	0.39	0.000	0.000	0.387	0.000	0.000	0.000	0.000	0.000	0.000
23.24	0.50	0.000	0.000	0.502	0.000	0.000	0.000	0.000	0.000	0.000
23.44	0.63	0.000	0.000	0.632	0.000	0.000	0.000	0.000	0.000	0.000
23.64	0.78	0.000	0.000	0.777	0.000	0.000	0.000	0.000	0.000	0.000
23.84	0.94	0.000	0.000	0.937	0.000	0.000	0.000	0.000	0.000	0.000
24.04	1.11	0.000	0.000	1.112	0.000	0.000	0.000	0.000	0.000	0.000
24.24	1.30	0.000	0.000	1.301	0.000	0.000	0.000	0.000	0.000	0.000
24.44	1.51	0.000	0.000	1.506	0.000	0.000	0.000	0.000	0.000	0.000
24.64	1.73	0.000	0.000	1.726	0.000	0.000	0.000	0.000	0.000	0.000
24.84	1.96	0.000	0.000	1.960	0.000	0.000	0.000	0.000	0.000	0.000
25.04	2.21	0.000	0.000	2.210	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.44	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-02	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	27.09	0.00	0.00	0.00	0.00	0.00	0.00	27.09
PRODUCT	0.00	0.00	0.00	2167.20	0.00	0.00	0.00	0.00	0.00	0.00	2167.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	27.09	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.31	1.30	0.000	0.000	1.302	0.000	0.000	0.000	0.000	0.000	0.000
23.81	8.89	0.000	0.000	8.887	0.000	0.000	0.000	0.000	0.000	0.000
24.31	21.94	0.000	0.000	21.943	0.000	0.000	0.000	0.000	0.000	0.000
24.81	35.49	0.000	0.000	35.488	0.000	0.000	0.000	0.000	0.000	0.000
25.31	49.03	0.000	0.000	49.033	0.000	0.000	0.000	0.000	0.000	0.000
25.81	62.58	0.000	0.000	62.578	0.000	0.000	0.000	0.000	0.000	0.000
26.31	76.12	0.000	0.000	76.123	0.000	0.000	0.000	0.000	0.000	0.000
26.81	89.67	0.000	0.000	89.668	0.000	0.000	0.000	0.000	0.000	0.000
27.31	103.21	0.000	0.000	103.213	0.000	0.000	0.000	0.000	0.000	0.000
27.81	116.76	0.000	0.000	116.758	0.000	0.000	0.000	0.000	0.000	0.000
28.31	130.30	0.000	0.000	130.303	0.000	0.000	0.000	0.000	0.000	0.000
28.81	143.85	0.000	0.000	143.848	0.000	0.000	0.000	0.000	0.000	0.000
29.31	157.39	0.000	0.000	157.393	0.000	0.000	0.000	0.000	0.000	0.000
29.81	170.94	0.000	0.000	170.938	0.000	0.000	0.000	0.000	0.000	0.000
30.31	184.48	0.000	0.000	184.483	0.000	0.000	0.000	0.000	0.000	0.000
30.81	198.03	0.000	0.000	198.028	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.81	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-03	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	21.55	0.00	0.00	0.00	0.00	0.00	0.00	21.55
PRODUCT	0.00	0.00	0.00	1724.00	0.00	0.00	0.00	0.00	0.00	0.00	1724.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	21.55	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.70	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.90	0.33	0.000	0.000	0.332	0.000	0.000	0.000	0.000	0.000	0.000
23.10	1.33	0.000	0.000	1.326	0.000	0.000	0.000	0.000	0.000	0.000
23.30	2.98	0.000	0.000	2.984	0.000	0.000	0.000	0.000	0.000	0.000
23.50	5.30	0.000	0.000	5.305	0.000	0.000	0.000	0.000	0.000	0.000
23.70	8.29	0.000	0.000	8.288	0.000	0.000	0.000	0.000	0.000	0.000
23.90	11.94	0.000	0.000	11.935	0.000	0.000	0.000	0.000	0.000	0.000
24.10	16.16	0.000	0.000	16.162	0.000	0.000	0.000	0.000	0.000	0.000
24.30	20.47	0.000	0.000	20.472	0.000	0.000	0.000	0.000	0.000	0.000
24.50	24.78	0.000	0.000	24.782	0.000	0.000	0.000	0.000	0.000	0.000
24.70	29.09	0.000	0.000	29.092	0.000	0.000	0.000	0.000	0.000	0.000
24.90	33.40	0.000	0.000	33.402	0.000	0.000	0.000	0.000	0.000	0.000
25.10	37.71	0.000	0.000	37.712	0.000	0.000	0.000	0.000	0.000	0.000
25.30	42.02	0.000	0.000	42.022	0.000	0.000	0.000	0.000	0.000	0.000
25.50	46.33	0.000	0.000	46.332	0.000	0.000	0.000	0.000	0.000	0.000
25.70	50.64	0.000	0.000	50.642	0.000	0.000	0.000	0.000	0.000	0.000
25.90	54.95	0.000	0.000	54.952	0.000	0.000	0.000	0.000	0.000	0.000
26.10	59.26	0.000	0.000	59.262	0.000	0.000	0.000	0.000	0.000	0.000
26.30	63.57	0.000	0.000	63.572	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.70	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-06	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	33.66	0.00	0.00	0.00	0.00	0.00	0.00	33.66
PRODUCT	0.00	0.00	0.00	2692.80	0.00	0.00	0.00	0.00	0.00	0.00	2692.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	33.66	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.56	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.56	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.76	0.47	0.000	0.000	0.467	0.000	0.000	0.000	0.000	0.000	0.000
22.96	1.87	0.000	0.000	1.870	0.000	0.000	0.000	0.000	0.000	0.000
23.16	4.21	0.000	0.000	4.207	0.000	0.000	0.000	0.000	0.000	0.000
23.36	7.48	0.000	0.000	7.480	0.000	0.000	0.000	0.000	0.000	0.000
23.56	11.69	0.000	0.000	11.687	0.000	0.000	0.000	0.000	0.000	0.000
23.76	16.83	0.000	0.000	16.830	0.000	0.000	0.000	0.000	0.000	0.000
23.96	22.91	0.000	0.000	22.907	0.000	0.000	0.000	0.000	0.000	0.000
24.16	29.62	0.000	0.000	29.621	0.000	0.000	0.000	0.000	0.000	0.000
24.36	36.35	0.000	0.000	36.353	0.000	0.000	0.000	0.000	0.000	0.000
24.56	43.08	0.000	0.000	43.085	0.000	0.000	0.000	0.000	0.000	0.000
24.76	49.82	0.000	0.000	49.817	0.000	0.000	0.000	0.000	0.000	0.000
24.96	56.55	0.000	0.000	56.549	0.000	0.000	0.000	0.000	0.000	0.000
25.16	63.28	0.000	0.000	63.281	0.000	0.000	0.000	0.000	0.000	0.000
25.36	70.01	0.000	0.000	70.013	0.000	0.000	0.000	0.000	0.000	0.000
25.56	76.74	0.000	0.000	76.745	0.000	0.000	0.000	0.000	0.000	0.000
25.76	83.48	0.000	0.000	83.477	0.000	0.000	0.000	0.000	0.000	0.000
25.96	90.21	0.000	0.000	90.209	0.000	0.000	0.000	0.000	0.000	0.000
26.16	96.94	0.000	0.000	96.941	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.56	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-07	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.16	0.00	0.00	0.00	0.00	0.00	0.00	6.16
PRODUCT	0.00	0.00	0.00	492.80	0.00	0.00	0.00	0.00	0.00	0.00	492.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.16	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.37	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.87	0.28	0.000	0.000	0.281	0.000	0.000	0.000	0.000	0.000	0.000
23.37	1.55	0.000	0.000	1.554	0.000	0.000	0.000	0.000	0.000	0.000
23.87	3.85	0.000	0.000	3.854	0.000	0.000	0.000	0.000	0.000	0.000
24.37	6.90	0.000	0.000	6.899	0.000	0.000	0.000	0.000	0.000	0.000
24.87	9.98	0.000	0.000	9.979	0.000	0.000	0.000	0.000	0.000	0.000
25.37	13.06	0.000	0.000	13.059	0.000	0.000	0.000	0.000	0.000	0.000
25.87	16.14	0.000	0.000	16.139	0.000	0.000	0.000	0.000	0.000	0.000
26.37	19.22	0.000	0.000	19.219	0.000	0.000	0.000	0.000	0.000	0.000
26.87	22.30	0.000	0.000	22.299	0.000	0.000	0.000	0.000	0.000	0.000
27.37	25.38	0.000	0.000	25.379	0.000	0.000	0.000	0.000	0.000	0.000
27.87	28.46	0.000	0.000	28.459	0.000	0.000	0.000	0.000	0.000	0.000
28.37	31.54	0.000	0.000	31.539	0.000	0.000	0.000	0.000	0.000	0.000
28.87	34.62	0.000	0.000	34.619	0.000	0.000	0.000	0.000	0.000	0.000
29.37	37.70	0.000	0.000	37.699	0.000	0.000	0.000	0.000	0.000	0.000
29.87	40.78	0.000	0.000	40.779	0.000	0.000	0.000	0.000	0.000	0.000
30.37	43.86	0.000	0.000	43.859	0.000	0.000	0.000	0.000	0.000	0.000
30.87	46.94	0.000	0.000	46.939	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.87	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-08	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	18.62	0.00	0.00	0.00	0.00	0.00	0.00	18.62
PRODUCT	0.00	0.00	0.00	1489.60	0.00	0.00	0.00	0.00	0.00	0.00	1489.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	18.62	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.45	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.65	0.14	0.000	0.000	0.140	0.000	0.000	0.000	0.000	0.000	0.000
22.85	0.76	0.000	0.000	0.760	0.000	0.000	0.000	0.000	0.000	0.000
23.05	1.88	0.000	0.000	1.878	0.000	0.000	0.000	0.000	0.000	0.000
23.25	3.49	0.000	0.000	3.491	0.000	0.000	0.000	0.000	0.000	0.000
23.45	5.60	0.000	0.000	5.602	0.000	0.000	0.000	0.000	0.000	0.000
23.65	8.21	0.000	0.000	8.208	0.000	0.000	0.000	0.000	0.000	0.000
23.85	11.31	0.000	0.000	11.312	0.000	0.000	0.000	0.000	0.000	0.000
24.05	14.90	0.000	0.000	14.896	0.000	0.000	0.000	0.000	0.000	0.000
24.25	18.62	0.000	0.000	18.620	0.000	0.000	0.000	0.000	0.000	0.000
24.45	22.34	0.000	0.000	22.344	0.000	0.000	0.000	0.000	0.000	0.000
24.65	26.07	0.000	0.000	26.068	0.000	0.000	0.000	0.000	0.000	0.000
24.85	29.79	0.000	0.000	29.792	0.000	0.000	0.000	0.000	0.000	0.000
25.05	33.52	0.000	0.000	33.516	0.000	0.000	0.000	0.000	0.000	0.000
25.25	37.24	0.000	0.000	37.240	0.000	0.000	0.000	0.000	0.000	0.000
25.45	40.96	0.000	0.000	40.964	0.000	0.000	0.000	0.000	0.000	0.000
25.65	44.69	0.000	0.000	44.688	0.000	0.000	0.000	0.000	0.000	0.000
25.85	48.41	0.000	0.000	48.412	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.25	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-09	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	1.63
PRODUCT	0.00	0.00	0.00	130.40	0.00	0.00	0.00	0.00	0.00	0.00	130.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.94	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.14	0.01	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000
22.34	0.05	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000
22.54	0.12	0.000	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000
22.74	0.22	0.000	0.000	0.223	0.000	0.000	0.000	0.000	0.000	0.000
22.94	0.36	0.000	0.000	0.360	0.000	0.000	0.000	0.000	0.000	0.000
23.14	0.53	0.000	0.000	0.530	0.000	0.000	0.000	0.000	0.000	0.000
23.34	0.73	0.000	0.000	0.732	0.000	0.000	0.000	0.000	0.000	0.000
23.54	0.97	0.000	0.000	0.966	0.000	0.000	0.000	0.000	0.000	0.000
23.74	1.23	0.000	0.000	1.234	0.000	0.000	0.000	0.000	0.000	0.000
23.94	1.53	0.000	0.000	1.534	0.000	0.000	0.000	0.000	0.000	0.000
24.14	1.86	0.000	0.000	1.858	0.000	0.000	0.000	0.000	0.000	0.000
24.34	2.18	0.000	0.000	2.184	0.000	0.000	0.000	0.000	0.000	0.000
24.54	2.51	0.000	0.000	2.510	0.000	0.000	0.000	0.000	0.000	0.000
24.74	2.84	0.000	0.000	2.836	0.000	0.000	0.000	0.000	0.000	0.000
24.94	3.16	0.000	0.000	3.162	0.000	0.000	0.000	0.000	0.000	0.000
25.14	3.49	0.000	0.000	3.488	0.000	0.000	0.000	0.000	0.000	0.000
25.34	3.81	0.000	0.000	3.814	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.74	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-10	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	39.29	0.00	0.00	0.00	0.00	0.00	0.00	39.29
PRODUCT	0.00	0.00	0.00	3143.20	0.00	0.00	0.00	0.00	0.00	0.00	3143.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	39.29	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.24	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.64	0.26	0.000	0.000	0.257	0.000	0.000	0.000	0.000	0.000	0.000
22.84	1.51	0.000	0.000	1.514	0.000	0.000	0.000	0.000	0.000	0.000
23.04	3.82	0.000	0.000	3.819	0.000	0.000	0.000	0.000	0.000	0.000
23.24	7.17	0.000	0.000	7.172	0.000	0.000	0.000	0.000	0.000	0.000
23.44	11.57	0.000	0.000	11.572	0.000	0.000	0.000	0.000	0.000	0.000
23.64	17.02	0.000	0.000	17.020	0.000	0.000	0.000	0.000	0.000	0.000
23.84	23.52	0.000	0.000	23.516	0.000	0.000	0.000	0.000	0.000	0.000
24.04	31.04	0.000	0.000	31.039	0.000	0.000	0.000	0.000	0.000	0.000
24.24	38.90	0.000	0.000	38.897	0.000	0.000	0.000	0.000	0.000	0.000
24.44	46.76	0.000	0.000	46.755	0.000	0.000	0.000	0.000	0.000	0.000
24.64	54.61	0.000	0.000	54.613	0.000	0.000	0.000	0.000	0.000	0.000
24.84	62.47	0.000	0.000	62.471	0.000	0.000	0.000	0.000	0.000	0.000
25.04	70.33	0.000	0.000	70.329	0.000	0.000	0.000	0.000	0.000	0.000
25.24	78.19	0.000	0.000	78.187	0.000	0.000	0.000	0.000	0.000	0.000
25.44	86.05	0.000	0.000	86.045	0.000	0.000	0.000	0.000	0.000	0.000
25.64	93.90	0.000	0.000	93.903	0.000	0.000	0.000	0.000	0.000	0.000
25.84	101.76	0.000	0.000	101.761	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.24	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-11	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	11.61	0.00	0.00	0.00	0.00	0.00	0.00	11.61
PRODUCT	0.00	0.00	0.00	928.80	0.00	0.00	0.00	0.00	0.00	0.00	928.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	11.61	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.75	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.25	0.18	0.000	0.000	0.181	0.000	0.000	0.000	0.000	0.000	0.000
22.75	1.63	0.000	0.000	1.633	0.000	0.000	0.000	0.000	0.000	0.000
23.25	4.54	0.000	0.000	4.535	0.000	0.000	0.000	0.000	0.000	0.000
23.75	8.89	0.000	0.000	8.889	0.000	0.000	0.000	0.000	0.000	0.000
24.25	14.51	0.000	0.000	14.513	0.000	0.000	0.000	0.000	0.000	0.000
24.75	20.32	0.000	0.000	20.318	0.000	0.000	0.000	0.000	0.000	0.000
25.25	26.12	0.000	0.000	26.123	0.000	0.000	0.000	0.000	0.000	0.000
25.75	31.93	0.000	0.000	31.928	0.000	0.000	0.000	0.000	0.000	0.000
26.25	37.73	0.000	0.000	37.733	0.000	0.000	0.000	0.000	0.000	0.000
26.75	43.54	0.000	0.000	43.538	0.000	0.000	0.000	0.000	0.000	0.000
27.25	49.34	0.000	0.000	49.343	0.000	0.000	0.000	0.000	0.000	0.000
27.75	55.15	0.000	0.000	55.148	0.000	0.000	0.000	0.000	0.000	0.000
28.25	60.95	0.000	0.000	60.953	0.000	0.000	0.000	0.000	0.000	0.000
28.75	66.76	0.000	0.000	66.758	0.000	0.000	0.000	0.000	0.000	0.000
29.25	72.56	0.000	0.000	72.563	0.000	0.000	0.000	0.000	0.000	0.000
29.75	78.37	0.000	0.000	78.368	0.000	0.000	0.000	0.000	0.000	0.000
30.25	84.17	0.000	0.000	84.173	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.25	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-12	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	7.45	0.00	0.00	0.00	0.00	0.00	0.00	7.45
PRODUCT	0.00	0.00	0.00	596.00	0.00	0.00	0.00	0.00	0.00	0.00	596.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	7.45	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.65	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.15	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.65	0.06	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000
23.15	1.05	0.000	0.000	1.049	0.000	0.000	0.000	0.000	0.000	0.000
23.65	3.28	0.000	0.000	3.284	0.000	0.000	0.000	0.000	0.000	0.000
24.15	6.70	0.000	0.000	6.705	0.000	0.000	0.000	0.000	0.000	0.000
24.65	10.43	0.000	0.000	10.430	0.000	0.000	0.000	0.000	0.000	0.000
25.15	14.16	0.000	0.000	14.155	0.000	0.000	0.000	0.000	0.000	0.000
25.65	17.88	0.000	0.000	17.880	0.000	0.000	0.000	0.000	0.000	0.000
26.15	21.61	0.000	0.000	21.605	0.000	0.000	0.000	0.000	0.000	0.000
26.65	25.33	0.000	0.000	25.330	0.000	0.000	0.000	0.000	0.000	0.000
27.15	29.06	0.000	0.000	29.055	0.000	0.000	0.000	0.000	0.000	0.000
27.65	32.78	0.000	0.000	32.780	0.000	0.000	0.000	0.000	0.000	0.000
28.15	36.51	0.000	0.000	36.505	0.000	0.000	0.000	0.000	0.000	0.000
28.65	40.23	0.000	0.000	40.230	0.000	0.000	0.000	0.000	0.000	0.000
29.15	43.96	0.000	0.000	43.955	0.000	0.000	0.000	0.000	0.000	0.000
29.65	47.68	0.000	0.000	47.680	0.000	0.000	0.000	0.000	0.000	0.000
30.15	51.41	0.000	0.000	51.405	0.000	0.000	0.000	0.000	0.000	0.000
30.65	55.13	0.000	0.000	55.130	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.65	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-13	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	13.63	0.00	0.00	0.00	0.00	0.00	0.00	13.63
PRODUCT	0.00	0.00	0.00	1090.40	0.00	0.00	0.00	0.00	0.00	0.00	1090.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	13.63	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.02	0.00	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
22.22	0.22	0.000	0.000	0.220	0.000	0.000	0.000	0.000	0.000	0.000
22.42	0.80	0.000	0.000	0.801	0.000	0.000	0.000	0.000	0.000	0.000
22.62	1.75	0.000	0.000	1.746	0.000	0.000	0.000	0.000	0.000	0.000
22.82	3.05	0.000	0.000	3.055	0.000	0.000	0.000	0.000	0.000	0.000
23.02	4.73	0.000	0.000	4.727	0.000	0.000	0.000	0.000	0.000	0.000
23.22	6.76	0.000	0.000	6.762	0.000	0.000	0.000	0.000	0.000	0.000
23.42	9.16	0.000	0.000	9.161	0.000	0.000	0.000	0.000	0.000	0.000
23.62	11.86	0.000	0.000	11.858	0.000	0.000	0.000	0.000	0.000	0.000
23.82	14.58	0.000	0.000	14.584	0.000	0.000	0.000	0.000	0.000	0.000
24.02	17.31	0.000	0.000	17.310	0.000	0.000	0.000	0.000	0.000	0.000
24.22	20.04	0.000	0.000	20.036	0.000	0.000	0.000	0.000	0.000	0.000
24.42	22.76	0.000	0.000	22.762	0.000	0.000	0.000	0.000	0.000	0.000
24.62	25.49	0.000	0.000	25.488	0.000	0.000	0.000	0.000	0.000	0.000
24.82	28.21	0.000	0.000	28.214	0.000	0.000	0.000	0.000	0.000	0.000
25.02	30.94	0.000	0.000	30.940	0.000	0.000	0.000	0.000	0.000	0.000
25.22	33.67	0.000	0.000	33.666	0.000	0.000	0.000	0.000	0.000	0.000
25.42	36.39	0.000	0.000	36.392	0.000	0.000	0.000	0.000	0.000	0.000
25.62	39.12	0.000	0.000	39.118	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.02	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-14	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	20.25	0.00	0.00	0.00	0.00	0.00	0.00	20.25
PRODUCT	0.00	0.00	0.00	1620.00	0.00	0.00	0.00	0.00	0.00	0.00	1620.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	20.25	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.52	0.00	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
22.02	1.10	0.000	0.000	1.095	0.000	0.000	0.000	0.000	0.000	0.000
22.52	4.21	0.000	0.000	4.214	0.000	0.000	0.000	0.000	0.000	0.000
23.02	9.36	0.000	0.000	9.357	0.000	0.000	0.000	0.000	0.000	0.000
23.52	16.53	0.000	0.000	16.526	0.000	0.000	0.000	0.000	0.000	0.000
24.02	25.72	0.000	0.000	25.718	0.000	0.000	0.000	0.000	0.000	0.000
24.52	35.84	0.000	0.000	35.843	0.000	0.000	0.000	0.000	0.000	0.000
25.02	45.97	0.000	0.000	45.968	0.000	0.000	0.000	0.000	0.000	0.000
25.52	56.09	0.000	0.000	56.093	0.000	0.000	0.000	0.000	0.000	0.000
26.02	66.22	0.000	0.000	66.218	0.000	0.000	0.000	0.000	0.000	0.000
26.52	76.34	0.000	0.000	76.343	0.000	0.000	0.000	0.000	0.000	0.000
27.02	86.47	0.000	0.000	86.468	0.000	0.000	0.000	0.000	0.000	0.000
27.52	96.59	0.000	0.000	96.593	0.000	0.000	0.000	0.000	0.000	0.000
28.02	106.72	0.000	0.000	106.718	0.000	0.000	0.000	0.000	0.000	0.000
28.52	116.84	0.000	0.000	116.843	0.000	0.000	0.000	0.000	0.000	0.000
29.02	126.97	0.000	0.000	126.968	0.000	0.000	0.000	0.000	0.000	0.000
29.52	137.09	0.000	0.000	137.093	0.000	0.000	0.000	0.000	0.000	0.000
30.02	147.22	0.000	0.000	147.218	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.02	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-15	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.64	0.00	0.00	0.00	0.00	0.00	0.00	6.64
PRODUCT	0.00	0.00	0.00	531.20	0.00	0.00	0.00	0.00	0.00	0.00	531.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.64	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.12	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.25	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.11	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.61	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.11	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.61	0.49	0.000	0.000	0.495	0.000	0.000	0.000	0.000	0.000	0.000
22.11	2.82	0.000	0.000	2.822	0.000	0.000	0.000	0.000	0.000	0.000
22.61	6.14	0.000	0.000	6.142	0.000	0.000	0.000	0.000	0.000	0.000
23.11	9.46	0.000	0.000	9.462	0.000	0.000	0.000	0.000	0.000	0.000
23.61	12.78	0.000	0.000	12.782	0.000	0.000	0.000	0.000	0.000	0.000
24.11	16.10	0.000	0.000	16.102	0.000	0.000	0.000	0.000	0.000	0.000
24.61	19.42	0.000	0.000	19.422	0.000	0.000	0.000	0.000	0.000	0.000
25.11	22.74	0.000	0.000	22.742	0.000	0.000	0.000	0.000	0.000	0.000
25.61	26.06	0.000	0.000	26.062	0.000	0.000	0.000	0.000	0.000	0.000
26.11	29.38	0.000	0.000	29.382	0.000	0.000	0.000	0.000	0.000	0.000
26.61	32.70	0.000	0.000	32.702	0.000	0.000	0.000	0.000	0.000	0.000
27.11	36.02	0.000	0.000	36.022	0.000	0.000	0.000	0.000	0.000	0.000
27.61	39.34	0.000	0.000	39.342	0.000	0.000	0.000	0.000	0.000	0.000
28.11	42.66	0.000	0.000	42.662	0.000	0.000	0.000	0.000	0.000	0.000
28.61	45.98	0.000	0.000	45.982	0.000	0.000	0.000	0.000	0.000	0.000
29.11	49.30	0.000	0.000	49.302	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.11	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-16	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	0.00	0.00	12.48
PRODUCT	0.00	0.00	0.00	998.40	0.00	0.00	0.00	0.00	0.00	0.00	998.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	12.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.66	0.13	0.000	0.000	0.126	0.000	0.000	0.000	0.000	0.000	0.000
20.86	0.64	0.000	0.000	0.637	0.000	0.000	0.000	0.000	0.000	0.000
21.06	1.54	0.000	0.000	1.541	0.000	0.000	0.000	0.000	0.000	0.000
21.26	2.84	0.000	0.000	2.838	0.000	0.000	0.000	0.000	0.000	0.000
21.46	4.53	0.000	0.000	4.528	0.000	0.000	0.000	0.000	0.000	0.000
21.66	6.61	0.000	0.000	6.611	0.000	0.000	0.000	0.000	0.000	0.000
21.86	9.05	0.000	0.000	9.048	0.000	0.000	0.000	0.000	0.000	0.000
22.06	11.54	0.000	0.000	11.544	0.000	0.000	0.000	0.000	0.000	0.000
22.26	14.04	0.000	0.000	14.040	0.000	0.000	0.000	0.000	0.000	0.000
22.46	16.54	0.000	0.000	16.536	0.000	0.000	0.000	0.000	0.000	0.000
22.66	19.03	0.000	0.000	19.032	0.000	0.000	0.000	0.000	0.000	0.000
22.86	21.53	0.000	0.000	21.528	0.000	0.000	0.000	0.000	0.000	0.000
23.06	24.02	0.000	0.000	24.024	0.000	0.000	0.000	0.000	0.000	0.000
23.26	26.52	0.000	0.000	26.520	0.000	0.000	0.000	0.000	0.000	0.000
23.46	29.02	0.000	0.000	29.016	0.000	0.000	0.000	0.000	0.000	0.000
23.66	31.51	0.000	0.000	31.512	0.000	0.000	0.000	0.000	0.000	0.000
23.86	34.01	0.000	0.000	34.008	0.000	0.000	0.000	0.000	0.000	0.000
24.06	36.50	0.000	0.000	36.504	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.46	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-17	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	18.35	0.00	0.00	0.00	0.00	0.00	0.00	18.35
PRODUCT	0.00	0.00	0.00	1468.00	0.00	0.00	0.00	0.00	0.00	0.00	1468.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	18.35	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.14	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.62	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.22	0.04	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000
20.42	0.44	0.000	0.000	0.441	0.000	0.000	0.000	0.000	0.000	0.000
20.62	1.30	0.000	0.000	1.297	0.000	0.000	0.000	0.000	0.000	0.000
20.82	2.60	0.000	0.000	2.603	0.000	0.000	0.000	0.000	0.000	0.000
21.02	4.36	0.000	0.000	4.359	0.000	0.000	0.000	0.000	0.000	0.000
21.22	6.57	0.000	0.000	6.565	0.000	0.000	0.000	0.000	0.000	0.000
21.42	9.22	0.000	0.000	9.222	0.000	0.000	0.000	0.000	0.000	0.000
21.62	12.33	0.000	0.000	12.329	0.000	0.000	0.000	0.000	0.000	0.000
21.82	15.87	0.000	0.000	15.873	0.000	0.000	0.000	0.000	0.000	0.000
22.02	19.54	0.000	0.000	19.543	0.000	0.000	0.000	0.000	0.000	0.000
22.22	23.21	0.000	0.000	23.213	0.000	0.000	0.000	0.000	0.000	0.000
22.42	26.88	0.000	0.000	26.883	0.000	0.000	0.000	0.000	0.000	0.000
22.62	30.55	0.000	0.000	30.553	0.000	0.000	0.000	0.000	0.000	0.000
22.82	34.22	0.000	0.000	34.223	0.000	0.000	0.000	0.000	0.000	0.000
23.02	37.89	0.000	0.000	37.893	0.000	0.000	0.000	0.000	0.000	0.000
23.22	41.56	0.000	0.000	41.563	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.62	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-18	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.82
PRODUCT	0.00	0.00	0.00	145.60	0.00	0.00	0.00	0.00	0.00	0.00	145.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	1.82	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.79	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.79	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.99	0.04	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000
21.19	0.15	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000
21.39	0.33	0.000	0.000	0.334	0.000	0.000	0.000	0.000	0.000	0.000
21.59	0.59	0.000	0.000	0.594	0.000	0.000	0.000	0.000	0.000	0.000
21.79	0.93	0.000	0.000	0.928	0.000	0.000	0.000	0.000	0.000	0.000
21.99	1.29	0.000	0.000	1.292	0.000	0.000	0.000	0.000	0.000	0.000
22.19	1.66	0.000	0.000	1.656	0.000	0.000	0.000	0.000	0.000	0.000
22.39	2.02	0.000	0.000	2.020	0.000	0.000	0.000	0.000	0.000	0.000
22.59	2.38	0.000	0.000	2.384	0.000	0.000	0.000	0.000	0.000	0.000
22.79	2.75	0.000	0.000	2.748	0.000	0.000	0.000	0.000	0.000	0.000
22.99	3.11	0.000	0.000	3.112	0.000	0.000	0.000	0.000	0.000	0.000
23.19	3.48	0.000	0.000	3.476	0.000	0.000	0.000	0.000	0.000	0.000
23.39	3.84	0.000	0.000	3.840	0.000	0.000	0.000	0.000	0.000	0.000
23.59	4.20	0.000	0.000	4.204	0.000	0.000	0.000	0.000	0.000	0.000
23.79	4.57	0.000	0.000	4.568	0.000	0.000	0.000	0.000	0.000	0.000
23.99	4.93	0.000	0.000	4.932	0.000	0.000	0.000	0.000	0.000	0.000
24.19	5.30	0.000	0.000	5.296	0.000	0.000	0.000	0.000	0.000	0.000
24.39	5.66	0.000	0.000	5.660	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.79	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-19	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.64	0.00	0.00	0.00	0.00	0.00	0.00	3.64
PRODUCT	0.00	0.00	0.00	291.20	0.00	0.00	0.00	0.00	0.00	0.00	291.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	3.64	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.29	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.40	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.43	0.00	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
20.93	0.27	0.000	0.000	0.270	0.000	0.000	0.000	0.000	0.000	0.000
21.43	1.02	0.000	0.000	1.022	0.000	0.000	0.000	0.000	0.000	0.000
21.93	2.25	0.000	0.000	2.254	0.000	0.000	0.000	0.000	0.000	0.000
22.43	3.95	0.000	0.000	3.949	0.000	0.000	0.000	0.000	0.000	0.000
22.93	5.77	0.000	0.000	5.769	0.000	0.000	0.000	0.000	0.000	0.000
23.43	7.59	0.000	0.000	7.589	0.000	0.000	0.000	0.000	0.000	0.000
23.93	9.41	0.000	0.000	9.409	0.000	0.000	0.000	0.000	0.000	0.000
24.43	11.23	0.000	0.000	11.229	0.000	0.000	0.000	0.000	0.000	0.000
24.93	13.05	0.000	0.000	13.049	0.000	0.000	0.000	0.000	0.000	0.000
25.43	14.87	0.000	0.000	14.869	0.000	0.000	0.000	0.000	0.000	0.000
25.93	16.69	0.000	0.000	16.689	0.000	0.000	0.000	0.000	0.000	0.000
26.43	18.51	0.000	0.000	18.509	0.000	0.000	0.000	0.000	0.000	0.000
26.93	20.33	0.000	0.000	20.329	0.000	0.000	0.000	0.000	0.000	0.000
27.43	22.15	0.000	0.000	22.149	0.000	0.000	0.000	0.000	0.000	0.000
27.93	23.97	0.000	0.000	23.969	0.000	0.000	0.000	0.000	0.000	0.000
28.43	25.79	0.000	0.000	25.789	0.000	0.000	0.000	0.000	0.000	0.000
28.93	27.61	0.000	0.000	27.609	0.000	0.000	0.000	0.000	0.000	0.000
29.43	29.43	0.000	0.000	29.429	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.43	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-20	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	15.32	0.00	0.00	0.00	0.00	0.00	0.00	15.32
PRODUCT	0.00	0.00	0.00	1225.60	0.00	0.00	0.00	0.00	0.00	0.00	1225.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	15.32	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.30	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.40	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.06	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.26	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.46	0.03	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000
21.66	0.58	0.000	0.000	0.575	0.000	0.000	0.000	0.000	0.000	0.000
21.86	1.80	0.000	0.000	1.801	0.000	0.000	0.000	0.000	0.000	0.000
22.06	3.71	0.000	0.000	3.707	0.000	0.000	0.000	0.000	0.000	0.000
22.26	6.29	0.000	0.000	6.295	0.000	0.000	0.000	0.000	0.000	0.000
22.46	9.35	0.000	0.000	9.345	0.000	0.000	0.000	0.000	0.000	0.000
22.66	12.41	0.000	0.000	12.409	0.000	0.000	0.000	0.000	0.000	0.000
22.86	15.47	0.000	0.000	15.473	0.000	0.000	0.000	0.000	0.000	0.000
23.06	18.54	0.000	0.000	18.537	0.000	0.000	0.000	0.000	0.000	0.000
23.26	21.60	0.000	0.000	21.601	0.000	0.000	0.000	0.000	0.000	0.000
23.46	24.67	0.000	0.000	24.665	0.000	0.000	0.000	0.000	0.000	0.000
23.66	27.73	0.000	0.000	27.729	0.000	0.000	0.000	0.000	0.000	0.000
23.86	30.79	0.000	0.000	30.793	0.000	0.000	0.000	0.000	0.000	0.000
24.06	33.86	0.000	0.000	33.857	0.000	0.000	0.000	0.000	0.000	0.000
24.26	36.92	0.000	0.000	36.921	0.000	0.000	0.000	0.000	0.000	0.000
24.46	39.99	0.000	0.000	39.985	0.000	0.000	0.000	0.000	0.000	0.000
24.66	43.05	0.000	0.000	43.049	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.06	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-21	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.90	0.00	0.00	0.00	0.00	0.00	0.00	6.90
PRODUCT	0.00	0.00	0.00	552.00	0.00	0.00	0.00	0.00	0.00	0.00	552.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.90	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.10	0.18	0.000	0.000	0.183	0.000	0.000	0.000	0.000	0.000	0.000
21.60	1.30	0.000	0.000	1.299	0.000	0.000	0.000	0.000	0.000	0.000
22.10	3.43	0.000	0.000	3.430	0.000	0.000	0.000	0.000	0.000	0.000
22.60	6.56	0.000	0.000	6.555	0.000	0.000	0.000	0.000	0.000	0.000
23.10	10.01	0.000	0.000	10.005	0.000	0.000	0.000	0.000	0.000	0.000
23.60	13.46	0.000	0.000	13.455	0.000	0.000	0.000	0.000	0.000	0.000
24.10	16.91	0.000	0.000	16.905	0.000	0.000	0.000	0.000	0.000	0.000
24.60	20.36	0.000	0.000	20.355	0.000	0.000	0.000	0.000	0.000	0.000
25.10	23.81	0.000	0.000	23.805	0.000	0.000	0.000	0.000	0.000	0.000
25.60	27.26	0.000	0.000	27.255	0.000	0.000	0.000	0.000	0.000	0.000
26.10	30.71	0.000	0.000	30.705	0.000	0.000	0.000	0.000	0.000	0.000
26.60	34.16	0.000	0.000	34.155	0.000	0.000	0.000	0.000	0.000	0.000
27.10	37.61	0.000	0.000	37.605	0.000	0.000	0.000	0.000	0.000	0.000
27.60	41.06	0.000	0.000	41.055	0.000	0.000	0.000	0.000	0.000	0.000
28.10	44.51	0.000	0.000	44.505	0.000	0.000	0.000	0.000	0.000	0.000
28.60	47.96	0.000	0.000	47.955	0.000	0.000	0.000	0.000	0.000	0.000
29.10	51.41	0.000	0.000	51.405	0.000	0.000	0.000	0.000	0.000	0.000
29.60	54.86	0.000	0.000	54.855	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-22	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	73.49	0.00	0.00	0.00	0.00	0.00	0.00	73.49
PRODUCT	0.00	0.00	0.00	5879.20	0.00	0.00	0.00	0.00	0.00	0.00	5879.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	73.49	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.40	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.09	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.29	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.49	0.14	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.000	0.000
20.69	1.47	0.000	0.000	1.472	0.000	0.000	0.000	0.000	0.000	0.000
20.89	4.20	0.000	0.000	4.201	0.000	0.000	0.000	0.000	0.000	0.000
21.09	8.33	0.000	0.000	8.331	0.000	0.000	0.000	0.000	0.000	0.000
21.29	13.86	0.000	0.000	13.860	0.000	0.000	0.000	0.000	0.000	0.000
21.49	20.79	0.000	0.000	20.789	0.000	0.000	0.000	0.000	0.000	0.000
21.69	29.12	0.000	0.000	29.118	0.000	0.000	0.000	0.000	0.000	0.000
21.89	38.85	0.000	0.000	38.846	0.000	0.000	0.000	0.000	0.000	0.000
22.09	49.97	0.000	0.000	49.975	0.000	0.000	0.000	0.000	0.000	0.000
22.29	62.50	0.000	0.000	62.503	0.000	0.000	0.000	0.000	0.000	0.000
22.49	76.43	0.000	0.000	76.431	0.000	0.000	0.000	0.000	0.000	0.000
22.69	91.13	0.000	0.000	91.128	0.000	0.000	0.000	0.000	0.000	0.000
22.89	105.83	0.000	0.000	105.826	0.000	0.000	0.000	0.000	0.000	0.000
23.09	120.52	0.000	0.000	120.524	0.000	0.000	0.000	0.000	0.000	0.000
23.29	135.22	0.000	0.000	135.222	0.000	0.000	0.000	0.000	0.000	0.000
23.49	149.92	0.000	0.000	149.920	0.000	0.000	0.000	0.000	0.000	0.000
23.69	164.62	0.000	0.000	164.618	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.09	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-23	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	11.77	0.00	0.00	0.00	0.00	0.00	0.00	11.77
PRODUCT	0.00	0.00	0.00	941.60	0.00	0.00	0.00	0.00	0.00	0.00	941.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	11.77	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.35	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.85	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.35	0.48	0.000	0.000	0.481	0.000	0.000	0.000	0.000	0.000	0.000
21.85	2.83	0.000	0.000	2.835	0.000	0.000	0.000	0.000	0.000	0.000
22.35	7.15	0.000	0.000	7.150	0.000	0.000	0.000	0.000	0.000	0.000
22.85	12.95	0.000	0.000	12.947	0.000	0.000	0.000	0.000	0.000	0.000
23.35	18.83	0.000	0.000	18.832	0.000	0.000	0.000	0.000	0.000	0.000
23.85	24.72	0.000	0.000	24.717	0.000	0.000	0.000	0.000	0.000	0.000
24.35	30.60	0.000	0.000	30.602	0.000	0.000	0.000	0.000	0.000	0.000
24.85	36.49	0.000	0.000	36.487	0.000	0.000	0.000	0.000	0.000	0.000
25.35	42.37	0.000	0.000	42.372	0.000	0.000	0.000	0.000	0.000	0.000
25.85	48.26	0.000	0.000	48.257	0.000	0.000	0.000	0.000	0.000	0.000
26.35	54.14	0.000	0.000	54.142	0.000	0.000	0.000	0.000	0.000	0.000
26.85	60.03	0.000	0.000	60.027	0.000	0.000	0.000	0.000	0.000	0.000
27.35	65.91	0.000	0.000	65.912	0.000	0.000	0.000	0.000	0.000	0.000
27.85	71.80	0.000	0.000	71.797	0.000	0.000	0.000	0.000	0.000	0.000
28.35	77.68	0.000	0.000	77.682	0.000	0.000	0.000	0.000	0.000	0.000
28.85	83.57	0.000	0.000	83.567	0.000	0.000	0.000	0.000	0.000	0.000
29.35	89.45	0.000	0.000	89.452	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.35	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-24	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.47	0.00	0.00	0.00	0.00	0.00	0.00	5.47
PRODUCT	0.00	0.00	0.00	437.60	0.00	0.00	0.00	0.00	0.00	0.00	437.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	5.47	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.30	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.80	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	0.47	0.000	0.000	0.465	0.000	0.000	0.000	0.000	0.000	0.000
21.30	1.86	0.000	0.000	1.861	0.000	0.000	0.000	0.000	0.000	0.000
21.80	4.18	0.000	0.000	4.185	0.000	0.000	0.000	0.000	0.000	0.000
22.30	6.92	0.000	0.000	6.920	0.000	0.000	0.000	0.000	0.000	0.000
22.80	9.65	0.000	0.000	9.655	0.000	0.000	0.000	0.000	0.000	0.000
23.30	12.39	0.000	0.000	12.390	0.000	0.000	0.000	0.000	0.000	0.000
23.80	15.12	0.000	0.000	15.125	0.000	0.000	0.000	0.000	0.000	0.000
24.30	17.86	0.000	0.000	17.860	0.000	0.000	0.000	0.000	0.000	0.000
24.80	20.59	0.000	0.000	20.595	0.000	0.000	0.000	0.000	0.000	0.000
25.30	23.33	0.000	0.000	23.330	0.000	0.000	0.000	0.000	0.000	0.000
25.80	26.06	0.000	0.000	26.065	0.000	0.000	0.000	0.000	0.000	0.000
26.30	28.80	0.000	0.000	28.800	0.000	0.000	0.000	0.000	0.000	0.000
26.80	31.53	0.000	0.000	31.535	0.000	0.000	0.000	0.000	0.000	0.000
27.30	34.27	0.000	0.000	34.270	0.000	0.000	0.000	0.000	0.000	0.000
27.80	37.00	0.000	0.000	37.005	0.000	0.000	0.000	0.000	0.000	0.000
28.30	39.74	0.000	0.000	39.740	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.30	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-25	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	39.18	0.00	0.00	0.00	0.00	0.00	0.00	39.18
PRODUCT	0.00	0.00	0.00	3134.40	0.00	0.00	0.00	0.00	0.00	0.00	3134.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	39.18	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.75	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.90	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.92	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.42	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.92	0.00	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000
21.42	2.86	0.000	0.000	2.863	0.000	0.000	0.000	0.000	0.000	0.000
21.92	11.02	0.000	0.000	11.017	0.000	0.000	0.000	0.000	0.000	0.000
22.42	24.47	0.000	0.000	24.465	0.000	0.000	0.000	0.000	0.000	0.000
22.92	42.90	0.000	0.000	42.902	0.000	0.000	0.000	0.000	0.000	0.000
23.42	62.49	0.000	0.000	62.492	0.000	0.000	0.000	0.000	0.000	0.000
23.92	82.08	0.000	0.000	82.082	0.000	0.000	0.000	0.000	0.000	0.000
24.42	101.67	0.000	0.000	101.672	0.000	0.000	0.000	0.000	0.000	0.000
24.92	121.26	0.000	0.000	121.262	0.000	0.000	0.000	0.000	0.000	0.000
25.42	140.85	0.000	0.000	140.852	0.000	0.000	0.000	0.000	0.000	0.000
25.92	160.44	0.000	0.000	160.442	0.000	0.000	0.000	0.000	0.000	0.000
26.42	180.03	0.000	0.000	180.032	0.000	0.000	0.000	0.000	0.000	0.000
26.92	199.62	0.000	0.000	199.622	0.000	0.000	0.000	0.000	0.000	0.000
27.42	219.21	0.000	0.000	219.212	0.000	0.000	0.000	0.000	0.000	0.000
27.92	238.80	0.000	0.000	238.802	0.000	0.000	0.000	0.000	0.000	0.000
28.42	258.39	0.000	0.000	258.392	0.000	0.000	0.000	0.000	0.000	0.000
28.92	277.98	0.000	0.000	277.982	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.92	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-26	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	13.19	0.00	0.00	0.00	0.00	0.00	0.00	13.19
PRODUCT	0.00	0.00	0.00	1055.20	0.00	0.00	0.00	0.00	0.00	0.00	1055.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	13.19	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.90	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.23	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.73	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.23	0.45	0.000	0.000	0.449	0.000	0.000	0.000	0.000	0.000	0.000
21.73	2.84	0.000	0.000	2.840	0.000	0.000	0.000	0.000	0.000	0.000
22.23	7.29	0.000	0.000	7.291	0.000	0.000	0.000	0.000	0.000	0.000
22.73	13.59	0.000	0.000	13.586	0.000	0.000	0.000	0.000	0.000	0.000
23.23	20.18	0.000	0.000	20.181	0.000	0.000	0.000	0.000	0.000	0.000
23.73	26.78	0.000	0.000	26.776	0.000	0.000	0.000	0.000	0.000	0.000
24.23	33.37	0.000	0.000	33.371	0.000	0.000	0.000	0.000	0.000	0.000
24.73	39.97	0.000	0.000	39.966	0.000	0.000	0.000	0.000	0.000	0.000
25.23	46.56	0.000	0.000	46.561	0.000	0.000	0.000	0.000	0.000	0.000
25.73	53.16	0.000	0.000	53.156	0.000	0.000	0.000	0.000	0.000	0.000
26.23	59.75	0.000	0.000	59.751	0.000	0.000	0.000	0.000	0.000	0.000
26.73	66.35	0.000	0.000	66.346	0.000	0.000	0.000	0.000	0.000	0.000
27.23	72.94	0.000	0.000	72.941	0.000	0.000	0.000	0.000	0.000	0.000
27.73	79.54	0.000	0.000	79.536	0.000	0.000	0.000	0.000	0.000	0.000
28.23	86.13	0.000	0.000	86.131	0.000	0.000	0.000	0.000	0.000	0.000
28.73	92.73	0.000	0.000	92.726	0.000	0.000	0.000	0.000	0.000	0.000
29.23	99.32	0.000	0.000	99.321	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.23	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-27	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	9.06	0.00	0.00	0.00	0.00	0.00	0.00	9.06
PRODUCT	0.00	0.00	0.00	724.80	0.00	0.00	0.00	0.00	0.00	0.00	724.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	9.06	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.57	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.38	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.88	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.38	1.15	0.000	0.000	1.148	0.000	0.000	0.000	0.000	0.000	0.000
21.88	5.39	0.000	0.000	5.391	0.000	0.000	0.000	0.000	0.000	0.000
22.38	9.92	0.000	0.000	9.921	0.000	0.000	0.000	0.000	0.000	0.000
22.88	14.45	0.000	0.000	14.451	0.000	0.000	0.000	0.000	0.000	0.000
23.38	18.98	0.000	0.000	18.981	0.000	0.000	0.000	0.000	0.000	0.000
23.88	23.51	0.000	0.000	23.511	0.000	0.000	0.000	0.000	0.000	0.000
24.38	28.04	0.000	0.000	28.041	0.000	0.000	0.000	0.000	0.000	0.000
24.88	32.57	0.000	0.000	32.571	0.000	0.000	0.000	0.000	0.000	0.000
25.38	37.10	0.000	0.000	37.101	0.000	0.000	0.000	0.000	0.000	0.000
25.88	41.63	0.000	0.000	41.631	0.000	0.000	0.000	0.000	0.000	0.000
26.38	46.16	0.000	0.000	46.161	0.000	0.000	0.000	0.000	0.000	0.000
26.88	50.69	0.000	0.000	50.691	0.000	0.000	0.000	0.000	0.000	0.000
27.38	55.22	0.000	0.000	55.221	0.000	0.000	0.000	0.000	0.000	0.000
27.88	59.75	0.000	0.000	59.751	0.000	0.000	0.000	0.000	0.000	0.000
28.38	64.28	0.000	0.000	64.281	0.000	0.000	0.000	0.000	0.000	0.000
28.88	68.81	0.000	0.000	68.811	0.000	0.000	0.000	0.000	0.000	0.000
29.38	73.34	0.000	0.000	73.341	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.38	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-28	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	14.85	0.00	0.00	0.00	0.00	0.00	0.00	14.85
PRODUCT	0.00	0.00	0.00	1188.00	0.00	0.00	0.00	0.00	0.00	0.00	1188.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	14.85	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.15	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.31	0.10	0.000	0.000	0.103	0.000	0.000	0.000	0.000	0.000	0.000
21.81	1.75	0.000	0.000	1.748	0.000	0.000	0.000	0.000	0.000	0.000
22.31	5.40	0.000	0.000	5.401	0.000	0.000	0.000	0.000	0.000	0.000
22.81	11.06	0.000	0.000	11.060	0.000	0.000	0.000	0.000	0.000	0.000
23.31	18.34	0.000	0.000	18.340	0.000	0.000	0.000	0.000	0.000	0.000
23.81	25.76	0.000	0.000	25.765	0.000	0.000	0.000	0.000	0.000	0.000
24.31	33.19	0.000	0.000	33.190	0.000	0.000	0.000	0.000	0.000	0.000
24.81	40.61	0.000	0.000	40.615	0.000	0.000	0.000	0.000	0.000	0.000
25.31	48.04	0.000	0.000	48.040	0.000	0.000	0.000	0.000	0.000	0.000
25.81	55.46	0.000	0.000	55.465	0.000	0.000	0.000	0.000	0.000	0.000
26.31	62.89	0.000	0.000	62.890	0.000	0.000	0.000	0.000	0.000	0.000
26.81	70.31	0.000	0.000	70.315	0.000	0.000	0.000	0.000	0.000	0.000
27.31	77.74	0.000	0.000	77.740	0.000	0.000	0.000	0.000	0.000	0.000
27.81	85.16	0.000	0.000	85.165	0.000	0.000	0.000	0.000	0.000	0.000
28.31	92.59	0.000	0.000	92.590	0.000	0.000	0.000	0.000	0.000	0.000
28.81	100.01	0.000	0.000	100.015	0.000	0.000	0.000	0.000	0.000	0.000
29.31	107.44	0.000	0.000	107.440	0.000	0.000	0.000	0.000	0.000	0.000
29.81	114.86	0.000	0.000	114.865	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.81	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-29	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	41.28	0.00	0.00	0.00	0.00	0.00	0.00	41.28
PRODUCT	0.00	0.00	0.00	3302.40	0.00	0.00	0.00	0.00	0.00	0.00	3302.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	41.28	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.43	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.43	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.63	0.64	0.000	0.000	0.645	0.000	0.000	0.000	0.000	0.000	0.000
21.83	2.58	0.000	0.000	2.580	0.000	0.000	0.000	0.000	0.000	0.000
22.03	5.80	0.000	0.000	5.805	0.000	0.000	0.000	0.000	0.000	0.000
22.23	10.32	0.000	0.000	10.320	0.000	0.000	0.000	0.000	0.000	0.000
22.43	16.12	0.000	0.000	16.125	0.000	0.000	0.000	0.000	0.000	0.000
22.63	23.22	0.000	0.000	23.220	0.000	0.000	0.000	0.000	0.000	0.000
22.83	31.37	0.000	0.000	31.373	0.000	0.000	0.000	0.000	0.000	0.000
23.03	39.63	0.000	0.000	39.629	0.000	0.000	0.000	0.000	0.000	0.000
23.23	47.88	0.000	0.000	47.885	0.000	0.000	0.000	0.000	0.000	0.000
23.43	56.14	0.000	0.000	56.141	0.000	0.000	0.000	0.000	0.000	0.000
23.63	64.40	0.000	0.000	64.397	0.000	0.000	0.000	0.000	0.000	0.000
23.83	72.65	0.000	0.000	72.653	0.000	0.000	0.000	0.000	0.000	0.000
24.03	80.91	0.000	0.000	80.909	0.000	0.000	0.000	0.000	0.000	0.000
24.23	89.16	0.000	0.000	89.165	0.000	0.000	0.000	0.000	0.000	0.000
24.43	97.42	0.000	0.000	97.421	0.000	0.000	0.000	0.000	0.000	0.000
24.63	105.68	0.000	0.000	105.677	0.000	0.000	0.000	0.000	0.000	0.000
24.83	113.93	0.000	0.000	113.933	0.000	0.000	0.000	0.000	0.000	0.000
25.03	122.19	0.000	0.000	122.189	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.43	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-30	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	24.65	0.00	0.00	0.00	0.00	0.00	0.00	24.65
PRODUCT	0.00	0.00	0.00	1972.00	0.00	0.00	0.00	0.00	0.00	0.00	1972.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	24.65	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.67	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.17	0.88	0.000	0.000	0.883	0.000	0.000	0.000	0.000	0.000	0.000
21.67	4.88	0.000	0.000	4.884	0.000	0.000	0.000	0.000	0.000	0.000
22.17	12.11	0.000	0.000	12.111	0.000	0.000	0.000	0.000	0.000	0.000
22.67	22.57	0.000	0.000	22.565	0.000	0.000	0.000	0.000	0.000	0.000
23.17	34.88	0.000	0.000	34.880	0.000	0.000	0.000	0.000	0.000	0.000
23.67	47.20	0.000	0.000	47.205	0.000	0.000	0.000	0.000	0.000	0.000
24.17	59.53	0.000	0.000	59.530	0.000	0.000	0.000	0.000	0.000	0.000
24.67	71.85	0.000	0.000	71.855	0.000	0.000	0.000	0.000	0.000	0.000
25.17	84.18	0.000	0.000	84.180	0.000	0.000	0.000	0.000	0.000	0.000
25.67	96.50	0.000	0.000	96.505	0.000	0.000	0.000	0.000	0.000	0.000
26.17	108.83	0.000	0.000	108.830	0.000	0.000	0.000	0.000	0.000	0.000
26.67	121.15	0.000	0.000	121.155	0.000	0.000	0.000	0.000	0.000	0.000
27.17	133.48	0.000	0.000	133.480	0.000	0.000	0.000	0.000	0.000	0.000
27.67	145.80	0.000	0.000	145.805	0.000	0.000	0.000	0.000	0.000	0.000
28.17	158.13	0.000	0.000	158.130	0.000	0.000	0.000	0.000	0.000	0.000
28.67	170.45	0.000	0.000	170.455	0.000	0.000	0.000	0.000	0.000	0.000
29.17	182.78	0.000	0.000	182.780	0.000	0.000	0.000	0.000	0.000	0.000
29.67	195.10	0.000	0.000	195.105	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.67	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-31	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.54	0.00	0.00	0.00	0.00	0.00	0.00	6.54
PRODUCT	0.00	0.00	0.00	523.20	0.00	0.00	0.00	0.00	0.00	0.00	523.20
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.54	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.32	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.32	0.22	0.000	0.000	0.223	0.000	0.000	0.000	0.000	0.000	0.000
22.82	1.47	0.000	0.000	1.466	0.000	0.000	0.000	0.000	0.000	0.000
23.32	3.80	0.000	0.000	3.798	0.000	0.000	0.000	0.000	0.000	0.000
23.82	7.00	0.000	0.000	6.998	0.000	0.000	0.000	0.000	0.000	0.000
24.32	10.27	0.000	0.000	10.268	0.000	0.000	0.000	0.000	0.000	0.000
24.82	13.54	0.000	0.000	13.538	0.000	0.000	0.000	0.000	0.000	0.000
25.32	16.81	0.000	0.000	16.808	0.000	0.000	0.000	0.000	0.000	0.000
25.82	20.08	0.000	0.000	20.078	0.000	0.000	0.000	0.000	0.000	0.000
26.32	23.35	0.000	0.000	23.348	0.000	0.000	0.000	0.000	0.000	0.000
26.82	26.62	0.000	0.000	26.618	0.000	0.000	0.000	0.000	0.000	0.000
27.32	29.89	0.000	0.000	29.888	0.000	0.000	0.000	0.000	0.000	0.000
27.82	33.16	0.000	0.000	33.158	0.000	0.000	0.000	0.000	0.000	0.000
28.32	36.43	0.000	0.000	36.428	0.000	0.000	0.000	0.000	0.000	0.000
28.82	39.70	0.000	0.000	39.698	0.000	0.000	0.000	0.000	0.000	0.000
29.32	42.97	0.000	0.000	42.968	0.000	0.000	0.000	0.000	0.000	0.000
29.82	46.24	0.000	0.000	46.238	0.000	0.000	0.000	0.000	0.000	0.000
30.32	49.51	0.000	0.000	49.508	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.32	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-32	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.00	1.78
PRODUCT	0.00	0.00	0.00	142.40	0.00	0.00	0.00	0.00	0.00	0.00	142.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.10	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.22	0.02	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000
22.42	0.15	0.000	0.000	0.152	0.000	0.000	0.000	0.000	0.000	0.000
22.62	0.40	0.000	0.000	0.401	0.000	0.000	0.000	0.000	0.000	0.000
22.82	0.75	0.000	0.000	0.748	0.000	0.000	0.000	0.000	0.000	0.000
23.02	1.10	0.000	0.000	1.104	0.000	0.000	0.000	0.000	0.000	0.000
23.22	1.46	0.000	0.000	1.460	0.000	0.000	0.000	0.000	0.000	0.000
23.42	1.82	0.000	0.000	1.816	0.000	0.000	0.000	0.000	0.000	0.000
23.62	2.17	0.000	0.000	2.172	0.000	0.000	0.000	0.000	0.000	0.000
23.82	2.53	0.000	0.000	2.528	0.000	0.000	0.000	0.000	0.000	0.000
24.02	2.88	0.000	0.000	2.884	0.000	0.000	0.000	0.000	0.000	0.000
24.22	3.24	0.000	0.000	3.240	0.000	0.000	0.000	0.000	0.000	0.000
24.42	3.60	0.000	0.000	3.596	0.000	0.000	0.000	0.000	0.000	0.000
24.62	3.95	0.000	0.000	3.952	0.000	0.000	0.000	0.000	0.000	0.000
24.82	4.31	0.000	0.000	4.308	0.000	0.000	0.000	0.000	0.000	0.000
25.02	4.66	0.000	0.000	4.664	0.000	0.000	0.000	0.000	0.000	0.000
25.22	5.02	0.000	0.000	5.020	0.000	0.000	0.000	0.000	0.000	0.000
25.42	5.38	0.000	0.000	5.376	0.000	0.000	0.000	0.000	0.000	0.000
25.62	5.73	0.000	0.000	5.732	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.02	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-33	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	28.02	0.00	0.00	0.00	0.00	0.00	0.00	28.02
PRODUCT	0.00	0.00	0.00	2241.60	0.00	0.00	0.00	0.00	0.00	0.00	2241.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	28.02	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.42	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.92	0.07	0.000	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000
21.42	1.99	0.000	0.000	1.995	0.000	0.000	0.000	0.000	0.000	0.000
21.92	6.51	0.000	0.000	6.509	0.000	0.000	0.000	0.000	0.000	0.000
22.42	13.62	0.000	0.000	13.618	0.000	0.000	0.000	0.000	0.000	0.000
22.92	23.32	0.000	0.000	23.321	0.000	0.000	0.000	0.000	0.000	0.000
23.42	35.62	0.000	0.000	35.619	0.000	0.000	0.000	0.000	0.000	0.000
23.92	49.60	0.000	0.000	49.595	0.000	0.000	0.000	0.000	0.000	0.000
24.42	63.61	0.000	0.000	63.605	0.000	0.000	0.000	0.000	0.000	0.000
24.92	77.62	0.000	0.000	77.615	0.000	0.000	0.000	0.000	0.000	0.000
25.42	91.63	0.000	0.000	91.625	0.000	0.000	0.000	0.000	0.000	0.000
25.92	105.64	0.000	0.000	105.635	0.000	0.000	0.000	0.000	0.000	0.000
26.42	119.65	0.000	0.000	119.645	0.000	0.000	0.000	0.000	0.000	0.000
26.92	133.66	0.000	0.000	133.655	0.000	0.000	0.000	0.000	0.000	0.000
27.42	147.67	0.000	0.000	147.665	0.000	0.000	0.000	0.000	0.000	0.000
27.92	161.68	0.000	0.000	161.675	0.000	0.000	0.000	0.000	0.000	0.000
28.42	175.69	0.000	0.000	175.685	0.000	0.000	0.000	0.000	0.000	0.000
28.92	189.70	0.000	0.000	189.695	0.000	0.000	0.000	0.000	0.000	0.000
29.42	203.71	0.000	0.000	203.705	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.42	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-34	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	33.91	0.00	0.00	0.00	0.00	0.00	0.00	33.91
PRODUCT	0.00	0.00	0.00	2712.80	0.00	0.00	0.00	0.00	0.00	0.00	2712.80
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	33.91	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.10	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.95	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.45	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.95	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.45	1.48	0.000	0.000	1.484	0.000	0.000	0.000	0.000	0.000	0.000
21.95	8.75	0.000	0.000	8.750	0.000	0.000	0.000	0.000	0.000	0.000
22.45	22.07	0.000	0.000	22.072	0.000	0.000	0.000	0.000	0.000	0.000
22.95	39.00	0.000	0.000	38.996	0.000	0.000	0.000	0.000	0.000	0.000
23.45	55.95	0.000	0.000	55.951	0.000	0.000	0.000	0.000	0.000	0.000
23.95	72.91	0.000	0.000	72.906	0.000	0.000	0.000	0.000	0.000	0.000
24.45	89.86	0.000	0.000	89.861	0.000	0.000	0.000	0.000	0.000	0.000
24.95	106.82	0.000	0.000	106.817	0.000	0.000	0.000	0.000	0.000	0.000
25.45	123.77	0.000	0.000	123.772	0.000	0.000	0.000	0.000	0.000	0.000
25.95	140.73	0.000	0.000	140.727	0.000	0.000	0.000	0.000	0.000	0.000
26.45	157.68	0.000	0.000	157.682	0.000	0.000	0.000	0.000	0.000	0.000
26.95	174.64	0.000	0.000	174.637	0.000	0.000	0.000	0.000	0.000	0.000
27.45	191.59	0.000	0.000	191.592	0.000	0.000	0.000	0.000	0.000	0.000
27.95	208.55	0.000	0.000	208.547	0.000	0.000	0.000	0.000	0.000	0.000
28.45	225.50	0.000	0.000	225.502	0.000	0.000	0.000	0.000	0.000	0.000
28.95	242.46	0.000	0.000	242.457	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.95	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-35	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	12.45	0.00	0.00	0.00	0.00	0.00	0.00	12.45
PRODUCT	0.00	0.00	0.00	996.00	0.00	0.00	0.00	0.00	0.00	0.00	996.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	12.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.10	0.04	0.000	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000
21.60	1.49	0.000	0.000	1.494	0.000	0.000	0.000	0.000	0.000	0.000
22.10	5.02	0.000	0.000	5.022	0.000	0.000	0.000	0.000	0.000	0.000
22.60	10.58	0.000	0.000	10.583	0.000	0.000	0.000	0.000	0.000	0.000
23.10	16.81	0.000	0.000	16.808	0.000	0.000	0.000	0.000	0.000	0.000
23.60	23.03	0.000	0.000	23.033	0.000	0.000	0.000	0.000	0.000	0.000
24.10	29.26	0.000	0.000	29.258	0.000	0.000	0.000	0.000	0.000	0.000
24.60	35.48	0.000	0.000	35.483	0.000	0.000	0.000	0.000	0.000	0.000
25.10	41.71	0.000	0.000	41.708	0.000	0.000	0.000	0.000	0.000	0.000
25.60	47.93	0.000	0.000	47.933	0.000	0.000	0.000	0.000	0.000	0.000
26.10	54.16	0.000	0.000	54.158	0.000	0.000	0.000	0.000	0.000	0.000
26.60	60.38	0.000	0.000	60.383	0.000	0.000	0.000	0.000	0.000	0.000
27.10	66.61	0.000	0.000	66.608	0.000	0.000	0.000	0.000	0.000	0.000
27.60	72.83	0.000	0.000	72.833	0.000	0.000	0.000	0.000	0.000	0.000
28.10	79.06	0.000	0.000	79.058	0.000	0.000	0.000	0.000	0.000	0.000
28.60	85.28	0.000	0.000	85.283	0.000	0.000	0.000	0.000	0.000	0.000
29.10	91.51	0.000	0.000	91.508	0.000	0.000	0.000	0.000	0.000	0.000
29.60	97.73	0.000	0.000	97.733	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-36	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.83	0.00	0.00	0.00	0.00	0.00	0.00	4.83
PRODUCT	0.00	0.00	0.00	386.40	0.00	0.00	0.00	0.00	0.00	0.00	386.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	4.83	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.60	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	0.11	0.000	0.000	0.107	0.000	0.000	0.000	0.000	0.000	0.000
21.00	0.43	0.000	0.000	0.429	0.000	0.000	0.000	0.000	0.000	0.000
21.20	0.97	0.000	0.000	0.966	0.000	0.000	0.000	0.000	0.000	0.000
21.40	1.72	0.000	0.000	1.717	0.000	0.000	0.000	0.000	0.000	0.000
21.60	2.66	0.000	0.000	2.656	0.000	0.000	0.000	0.000	0.000	0.000
21.80	3.62	0.000	0.000	3.622	0.000	0.000	0.000	0.000	0.000	0.000
22.00	4.59	0.000	0.000	4.588	0.000	0.000	0.000	0.000	0.000	0.000
22.20	5.55	0.000	0.000	5.554	0.000	0.000	0.000	0.000	0.000	0.000
22.40	6.52	0.000	0.000	6.520	0.000	0.000	0.000	0.000	0.000	0.000
22.60	7.49	0.000	0.000	7.486	0.000	0.000	0.000	0.000	0.000	0.000
22.80	8.45	0.000	0.000	8.452	0.000	0.000	0.000	0.000	0.000	0.000
23.00	9.42	0.000	0.000	9.418	0.000	0.000	0.000	0.000	0.000	0.000
23.20	10.38	0.000	0.000	10.385	0.000	0.000	0.000	0.000	0.000	0.000
23.40	11.35	0.000	0.000	11.351	0.000	0.000	0.000	0.000	0.000	0.000
23.60	12.32	0.000	0.000	12.317	0.000	0.000	0.000	0.000	0.000	0.000
23.80	13.28	0.000	0.000	13.282	0.000	0.000	0.000	0.000	0.000	0.000
24.00	14.25	0.000	0.000	14.248	0.000	0.000	0.000	0.000	0.000	0.000
24.20	15.21	0.000	0.000	15.214	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-37	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	16.08	0.00	0.00	0.00	0.00	0.00	0.00	16.08
PRODUCT	0.00	0.00	0.00	1286.40	0.00	0.00	0.00	0.00	0.00	0.00	1286.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	16.08	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.00	0.19	0.000	0.000	0.189	0.000	0.000	0.000	0.000	0.000	0.000
21.20	0.76	0.000	0.000	0.757	0.000	0.000	0.000	0.000	0.000	0.000
21.40	1.70	0.000	0.000	1.703	0.000	0.000	0.000	0.000	0.000	0.000
21.60	3.03	0.000	0.000	3.027	0.000	0.000	0.000	0.000	0.000	0.000
21.80	4.73	0.000	0.000	4.729	0.000	0.000	0.000	0.000	0.000	0.000
22.00	6.81	0.000	0.000	6.810	0.000	0.000	0.000	0.000	0.000	0.000
22.20	9.27	0.000	0.000	9.270	0.000	0.000	0.000	0.000	0.000	0.000
22.40	12.11	0.000	0.000	12.107	0.000	0.000	0.000	0.000	0.000	0.000
22.60	15.28	0.000	0.000	15.276	0.000	0.000	0.000	0.000	0.000	0.000
22.80	18.49	0.000	0.000	18.492	0.000	0.000	0.000	0.000	0.000	0.000
23.00	21.71	0.000	0.000	21.708	0.000	0.000	0.000	0.000	0.000	0.000
23.20	24.92	0.000	0.000	24.924	0.000	0.000	0.000	0.000	0.000	0.000
23.40	28.14	0.000	0.000	28.140	0.000	0.000	0.000	0.000	0.000	0.000
23.60	31.36	0.000	0.000	31.356	0.000	0.000	0.000	0.000	0.000	0.000
23.80	34.57	0.000	0.000	34.572	0.000	0.000	0.000	0.000	0.000	0.000
24.00	37.79	0.000	0.000	37.788	0.000	0.000	0.000	0.000	0.000	0.000
24.20	41.00	0.000	0.000	41.004	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-38	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.27
PRODUCT	0.00	0.00	0.00	21.60	0.00	0.00	0.00	0.00	0.00	0.00	21.60
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.10	0.00	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000
21.60	0.06	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000
22.10	0.19	0.000	0.000	0.193	0.000	0.000	0.000	0.000	0.000	0.000
22.60	0.33	0.000	0.000	0.328	0.000	0.000	0.000	0.000	0.000	0.000
23.10	0.46	0.000	0.000	0.463	0.000	0.000	0.000	0.000	0.000	0.000
23.60	0.60	0.000	0.000	0.598	0.000	0.000	0.000	0.000	0.000	0.000
24.10	0.73	0.000	0.000	0.733	0.000	0.000	0.000	0.000	0.000	0.000
24.60	0.87	0.000	0.000	0.868	0.000	0.000	0.000	0.000	0.000	0.000
25.10	1.00	0.000	0.000	1.003	0.000	0.000	0.000	0.000	0.000	0.000
25.60	1.14	0.000	0.000	1.138	0.000	0.000	0.000	0.000	0.000	0.000
26.10	1.27	0.000	0.000	1.273	0.000	0.000	0.000	0.000	0.000	0.000
26.60	1.41	0.000	0.000	1.408	0.000	0.000	0.000	0.000	0.000	0.000
27.10	1.54	0.000	0.000	1.543	0.000	0.000	0.000	0.000	0.000	0.000
27.60	1.68	0.000	0.000	1.678	0.000	0.000	0.000	0.000	0.000	0.000
28.10	1.81	0.000	0.000	1.813	0.000	0.000	0.000	0.000	0.000	0.000
28.60	1.95	0.000	0.000	1.948	0.000	0.000	0.000	0.000	0.000	0.000
29.10	2.08	0.000	0.000	2.083	0.000	0.000	0.000	0.000	0.000	0.000
29.60	2.22	0.000	0.000	2.218	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-39	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	20.20	0.00	0.00	0.00	0.00	0.00	0.00	20.20
PRODUCT	0.00	0.00	0.00	1616.00	0.00	0.00	0.00	0.00	0.00	0.00	1616.00
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	20.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	20.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	0.45	0.000	0.000	0.449	0.000	0.000	0.000	0.000	0.000	0.000
21.00	1.80	0.000	0.000	1.796	0.000	0.000	0.000	0.000	0.000	0.000
21.20	4.04	0.000	0.000	4.040	0.000	0.000	0.000	0.000	0.000	0.000
21.40	7.18	0.000	0.000	7.182	0.000	0.000	0.000	0.000	0.000	0.000
21.60	11.11	0.000	0.000	11.110	0.000	0.000	0.000	0.000	0.000	0.000
21.80	15.15	0.000	0.000	15.150	0.000	0.000	0.000	0.000	0.000	0.000
22.00	19.19	0.000	0.000	19.190	0.000	0.000	0.000	0.000	0.000	0.000
22.20	23.23	0.000	0.000	23.230	0.000	0.000	0.000	0.000	0.000	0.000
22.40	27.27	0.000	0.000	27.270	0.000	0.000	0.000	0.000	0.000	0.000
22.60	31.31	0.000	0.000	31.310	0.000	0.000	0.000	0.000	0.000	0.000
22.80	35.35	0.000	0.000	35.350	0.000	0.000	0.000	0.000	0.000	0.000
23.00	39.39	0.000	0.000	39.390	0.000	0.000	0.000	0.000	0.000	0.000
23.20	43.43	0.000	0.000	43.430	0.000	0.000	0.000	0.000	0.000	0.000
23.40	47.47	0.000	0.000	47.470	0.000	0.000	0.000	0.000	0.000	0.000
23.60	51.51	0.000	0.000	51.510	0.000	0.000	0.000	0.000	0.000	0.000
23.80	55.55	0.000	0.000	55.550	0.000	0.000	0.000	0.000	0.000	0.000
24.00	59.59	0.000	0.000	59.590	0.000	0.000	0.000	0.000	0.000	0.000
24.20	63.63	0.000	0.000	63.630	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-41	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	42.98	0.00	0.00	0.00	0.00	0.00	0.00	42.98
PRODUCT	0.00	0.00	0.00	3438.30	0.00	0.00	0.00	0.00	0.00	0.00	3438.30
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	42.98	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.04	0.73	0.000	0.000	0.728	0.000	0.000	0.000	0.000	0.000	0.000
21.34	3.69	0.000	0.000	3.686	0.000	0.000	0.000	0.000	0.000	0.000
21.64	8.92	0.000	0.000	8.919	0.000	0.000	0.000	0.000	0.000	0.000
21.94	16.43	0.000	0.000	16.428	0.000	0.000	0.000	0.000	0.000	0.000
22.24	26.21	0.000	0.000	26.212	0.000	0.000	0.000	0.000	0.000	0.000
22.54	38.25	0.000	0.000	38.251	0.000	0.000	0.000	0.000	0.000	0.000
22.84	51.14	0.000	0.000	51.145	0.000	0.000	0.000	0.000	0.000	0.000
23.14	64.04	0.000	0.000	64.038	0.000	0.000	0.000	0.000	0.000	0.000
23.44	76.93	0.000	0.000	76.932	0.000	0.000	0.000	0.000	0.000	0.000
23.74	89.83	0.000	0.000	89.825	0.000	0.000	0.000	0.000	0.000	0.000
24.04	102.72	0.000	0.000	102.719	0.000	0.000	0.000	0.000	0.000	0.000
24.34	115.61	0.000	0.000	115.613	0.000	0.000	0.000	0.000	0.000	0.000
24.64	128.51	0.000	0.000	128.506	0.000	0.000	0.000	0.000	0.000	0.000
24.94	141.40	0.000	0.000	141.400	0.000	0.000	0.000	0.000	0.000	0.000
25.24	154.29	0.000	0.000	154.294	0.000	0.000	0.000	0.000	0.000	0.000
25.54	167.19	0.000	0.000	167.187	0.000	0.000	0.000	0.000	0.000	0.000
25.84	180.08	0.000	0.000	180.081	0.000	0.000	0.000	0.000	0.000	0.000
26.14	192.97	0.000	0.000	192.974	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.74	STAGE STEP:	0.3							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-42	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.89	0.00	0.00	0.00	0.00	0.00	0.00	2.89
PRODUCT	0.00	0.00	0.00	230.81	0.00	0.00	0.00	0.00	0.00	0.00	230.81
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	2.89	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.60	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.61	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.81	0.16	0.000	0.000	0.159	0.000	0.000	0.000	0.000	0.000	0.000	
22.01	0.61	0.000	0.000	0.606	0.000	0.000	0.000	0.000	0.000	0.000	
22.21	1.18	0.000	0.000	1.183	0.000	0.000	0.000	0.000	0.000	0.000	
22.41	1.76	0.000	0.000	1.760	0.000	0.000	0.000	0.000	0.000	0.000	
22.61	2.34	0.000	0.000	2.337	0.000	0.000	0.000	0.000	0.000	0.000	
22.81	2.91	0.000	0.000	2.914	0.000	0.000	0.000	0.000	0.000	0.000	
23.01	3.49	0.000	0.000	3.491	0.000	0.000	0.000	0.000	0.000	0.000	
23.21	4.07	0.000	0.000	4.068	0.000	0.000	0.000	0.000	0.000	0.000	
23.41	4.65	0.000	0.000	4.645	0.000	0.000	0.000	0.000	0.000	0.000	
23.61	5.22	0.000	0.000	5.222	0.000	0.000	0.000	0.000	0.000	0.000	
23.81	5.80	0.000	0.000	5.799	0.000	0.000	0.000	0.000	0.000	0.000	
24.01	6.38	0.000	0.000	6.376	0.000	0.000	0.000	0.000	0.000	0.000	
24.21	6.95	0.000	0.000	6.953	0.000	0.000	0.000	0.000	0.000	0.000	
24.41	7.53	0.000	0.000	7.530	0.000	0.000	0.000	0.000	0.000	0.000	
24.61	8.11	0.000	0.000	8.107	0.000	0.000	0.000	0.000	0.000	0.000	
24.81	8.68	0.000	0.000	8.684	0.000	0.000	0.000	0.000	0.000	0.000	
25.01	9.26	0.000	0.000	9.261	0.000	0.000	0.000	0.000	0.000	0.000	
25.21	9.84	0.000	0.000	9.838	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.61	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-43	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.64	0.00	0.00	0.00	0.00	0.00	0.00	2.64
PRODUCT	0.00	0.00	0.00	210.92	0.00	0.00	0.00	0.00	0.00	0.00	210.92
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.64	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.70	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.52	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.02	0.10	0.000	0.000	0.104	0.000	0.000	0.000	0.000	0.000	0.000
21.52	0.68	0.000	0.000	0.682	0.000	0.000	0.000	0.000	0.000	0.000
22.02	1.77	0.000	0.000	1.766	0.000	0.000	0.000	0.000	0.000	0.000
22.52	3.08	0.000	0.000	3.085	0.000	0.000	0.000	0.000	0.000	0.000
23.02	4.40	0.000	0.000	4.403	0.000	0.000	0.000	0.000	0.000	0.000
23.52	5.72	0.000	0.000	5.721	0.000	0.000	0.000	0.000	0.000	0.000
24.02	7.04	0.000	0.000	7.039	0.000	0.000	0.000	0.000	0.000	0.000
24.52	8.36	0.000	0.000	8.358	0.000	0.000	0.000	0.000	0.000	0.000
25.02	9.68	0.000	0.000	9.676	0.000	0.000	0.000	0.000	0.000	0.000
25.52	10.99	0.000	0.000	10.994	0.000	0.000	0.000	0.000	0.000	0.000
26.02	12.31	0.000	0.000	12.313	0.000	0.000	0.000	0.000	0.000	0.000
26.52	13.63	0.000	0.000	13.631	0.000	0.000	0.000	0.000	0.000	0.000
27.02	14.95	0.000	0.000	14.949	0.000	0.000	0.000	0.000	0.000	0.000
27.52	16.27	0.000	0.000	16.267	0.000	0.000	0.000	0.000	0.000	0.000
28.02	17.59	0.000	0.000	17.586	0.000	0.000	0.000	0.000	0.000	0.000
28.52	18.90	0.000	0.000	18.904	0.000	0.000	0.000	0.000	0.000	0.000
29.02	20.22	0.000	0.000	20.222	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.02	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-44	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	36.06	0.00	0.00	0.00	0.00	0.00	0.00	36.06
PRODUCT	0.00	0.00	0.00	2884.69	0.00	0.00	0.00	0.00	0.00	0.00	2884.69
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	36.06	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.70	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.16	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.56	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.76	0.08	0.000	0.000	0.081	0.000	0.000	0.000	0.000	0.000	0.000	
21.96	1.52	0.000	0.000	1.523	0.000	0.000	0.000	0.000	0.000	0.000	
22.16	4.77	0.000	0.000	4.769	0.000	0.000	0.000	0.000	0.000	0.000	
22.36	9.82	0.000	0.000	9.817	0.000	0.000	0.000	0.000	0.000	0.000	
22.56	16.59	0.000	0.000	16.587	0.000	0.000	0.000	0.000	0.000	0.000	
22.76	23.80	0.000	0.000	23.799	0.000	0.000	0.000	0.000	0.000	0.000	
22.96	31.01	0.000	0.000	31.010	0.000	0.000	0.000	0.000	0.000	0.000	
23.16	38.22	0.000	0.000	38.222	0.000	0.000	0.000	0.000	0.000	0.000	
23.36	45.43	0.000	0.000	45.434	0.000	0.000	0.000	0.000	0.000	0.000	
23.56	52.65	0.000	0.000	52.646	0.000	0.000	0.000	0.000	0.000	0.000	
23.76	59.86	0.000	0.000	59.857	0.000	0.000	0.000	0.000	0.000	0.000	
23.96	67.07	0.000	0.000	67.069	0.000	0.000	0.000	0.000	0.000	0.000	
24.16	74.28	0.000	0.000	74.281	0.000	0.000	0.000	0.000	0.000	0.000	
24.36	81.49	0.000	0.000	81.493	0.000	0.000	0.000	0.000	0.000	0.000	
24.56	88.70	0.000	0.000	88.704	0.000	0.000	0.000	0.000	0.000	0.000	
24.76	95.92	0.000	0.000	95.916	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.16	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-45	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	29.45	0.00	0.00	0.00	0.00	0.00	0.00	29.45
PRODUCT	0.00	0.00	0.00	2356.21	0.00	0.00	0.00	0.00	0.00	0.00	2356.21
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	29.45	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.50	2.17	0.000	0.000	2.166	0.000	0.000	0.000	0.000	0.000	0.000	
22.00	8.66	0.000	0.000	8.663	0.000	0.000	0.000	0.000	0.000	0.000	
22.50	19.49	0.000	0.000	19.491	0.000	0.000	0.000	0.000	0.000	0.000	
23.00	33.87	0.000	0.000	33.870	0.000	0.000	0.000	0.000	0.000	0.000	
23.50	48.60	0.000	0.000	48.597	0.000	0.000	0.000	0.000	0.000	0.000	
24.00	63.32	0.000	0.000	63.323	0.000	0.000	0.000	0.000	0.000	0.000	
24.50	78.05	0.000	0.000	78.049	0.000	0.000	0.000	0.000	0.000	0.000	
25.00	92.78	0.000	0.000	92.776	0.000	0.000	0.000	0.000	0.000	0.000	
25.50	107.50	0.000	0.000	107.502	0.000	0.000	0.000	0.000	0.000	0.000	
26.00	122.23	0.000	0.000	122.228	0.000	0.000	0.000	0.000	0.000	0.000	
26.50	136.95	0.000	0.000	136.954	0.000	0.000	0.000	0.000	0.000	0.000	
27.00	151.68	0.000	0.000	151.681	0.000	0.000	0.000	0.000	0.000	0.000	
27.50	166.41	0.000	0.000	166.407	0.000	0.000	0.000	0.000	0.000	0.000	
28.00	181.13	0.000	0.000	181.133	0.000	0.000	0.000	0.000	0.000	0.000	
28.50	195.86	0.000	0.000	195.860	0.000	0.000	0.000	0.000	0.000	0.000	
29.00	210.59	0.000	0.000	210.586	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.00	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-46	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.53
PRODUCT	0.00	0.00	0.00	122.55	0.00	0.00	0.00	0.00	0.00	0.00	122.55
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.35	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.22	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.42	0.03	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	
22.62	0.30	0.000	0.000	0.299	0.000	0.000	0.000	0.000	0.000	0.000	
22.82	0.61	0.000	0.000	0.605	0.000	0.000	0.000	0.000	0.000	0.000	
23.02	0.91	0.000	0.000	0.911	0.000	0.000	0.000	0.000	0.000	0.000	
23.22	1.22	0.000	0.000	1.218	0.000	0.000	0.000	0.000	0.000	0.000	
23.42	1.52	0.000	0.000	1.524	0.000	0.000	0.000	0.000	0.000	0.000	
23.62	1.83	0.000	0.000	1.831	0.000	0.000	0.000	0.000	0.000	0.000	
23.82	2.14	0.000	0.000	2.137	0.000	0.000	0.000	0.000	0.000	0.000	
24.02	2.44	0.000	0.000	2.443	0.000	0.000	0.000	0.000	0.000	0.000	
24.22	2.75	0.000	0.000	2.750	0.000	0.000	0.000	0.000	0.000	0.000	
24.42	3.06	0.000	0.000	3.056	0.000	0.000	0.000	0.000	0.000	0.000	
24.62	3.36	0.000	0.000	3.363	0.000	0.000	0.000	0.000	0.000	0.000	
24.82	3.67	0.000	0.000	3.669	0.000	0.000	0.000	0.000	0.000	0.000	
25.02	3.98	0.000	0.000	3.975	0.000	0.000	0.000	0.000	0.000	0.000	
25.22	4.28	0.000	0.000	4.282	0.000	0.000	0.000	0.000	0.000	0.000	
25.42	4.59	0.000	0.000	4.588	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.82	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-47	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	7.19	0.00	0.00	0.00	0.00	0.00	0.00	7.19
PRODUCT	0.00	0.00	0.00	575.32	0.00	0.00	0.00	0.00	0.00	0.00	575.32
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	7.19	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.29	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.77	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.07	0.01	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000
21.37	0.38	0.000	0.000	0.382	0.000	0.000	0.000	0.000	0.000	0.000
21.67	1.25	0.000	0.000	1.251	0.000	0.000	0.000	0.000	0.000	0.000
21.97	2.62	0.000	0.000	2.623	0.000	0.000	0.000	0.000	0.000	0.000
22.27	4.50	0.000	0.000	4.496	0.000	0.000	0.000	0.000	0.000	0.000
22.57	6.65	0.000	0.000	6.652	0.000	0.000	0.000	0.000	0.000	0.000
22.87	8.81	0.000	0.000	8.810	0.000	0.000	0.000	0.000	0.000	0.000
23.17	10.97	0.000	0.000	10.967	0.000	0.000	0.000	0.000	0.000	0.000
23.47	13.12	0.000	0.000	13.125	0.000	0.000	0.000	0.000	0.000	0.000
23.77	15.28	0.000	0.000	15.282	0.000	0.000	0.000	0.000	0.000	0.000
24.07	17.44	0.000	0.000	17.439	0.000	0.000	0.000	0.000	0.000	0.000
24.37	19.60	0.000	0.000	19.597	0.000	0.000	0.000	0.000	0.000	0.000
24.67	21.75	0.000	0.000	21.754	0.000	0.000	0.000	0.000	0.000	0.000
24.97	23.91	0.000	0.000	23.912	0.000	0.000	0.000	0.000	0.000	0.000
25.27	26.07	0.000	0.000	26.069	0.000	0.000	0.000	0.000	0.000	0.000
25.57	28.23	0.000	0.000	28.227	0.000	0.000	0.000	0.000	0.000	0.000
25.87	30.38	0.000	0.000	30.384	0.000	0.000	0.000	0.000	0.000	0.000
26.17	32.54	0.000	0.000	32.542	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.77	STAGE STEP:	0.3							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-48	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.82	0.00	0.00	0.00	0.00	0.00	0.00	3.82
PRODUCT	0.00	0.00	0.00	305.76	0.00	0.00	0.00	0.00	0.00	0.00	305.76
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	3.82	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.29	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.66	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.16	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.66	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.16	0.56	0.000	0.000	0.559	0.000	0.000	0.000	0.000	0.000	0.000
22.66	2.41	0.000	0.000	2.408	0.000	0.000	0.000	0.000	0.000	0.000
23.16	4.32	0.000	0.000	4.319	0.000	0.000	0.000	0.000	0.000	0.000
23.66	6.23	0.000	0.000	6.230	0.000	0.000	0.000	0.000	0.000	0.000
24.16	8.14	0.000	0.000	8.141	0.000	0.000	0.000	0.000	0.000	0.000
24.66	10.05	0.000	0.000	10.052	0.000	0.000	0.000	0.000	0.000	0.000
25.16	11.96	0.000	0.000	11.963	0.000	0.000	0.000	0.000	0.000	0.000
25.66	13.87	0.000	0.000	13.874	0.000	0.000	0.000	0.000	0.000	0.000
26.16	15.78	0.000	0.000	15.785	0.000	0.000	0.000	0.000	0.000	0.000
26.66	17.70	0.000	0.000	17.696	0.000	0.000	0.000	0.000	0.000	0.000
27.16	19.61	0.000	0.000	19.607	0.000	0.000	0.000	0.000	0.000	0.000
27.66	21.52	0.000	0.000	21.518	0.000	0.000	0.000	0.000	0.000	0.000
28.16	23.43	0.000	0.000	23.429	0.000	0.000	0.000	0.000	0.000	0.000
28.66	25.34	0.000	0.000	25.339	0.000	0.000	0.000	0.000	0.000	0.000
29.16	27.25	0.000	0.000	27.250	0.000	0.000	0.000	0.000	0.000	0.000
29.66	29.16	0.000	0.000	29.161	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.66	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-49	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.21	0.00	0.00	0.00	0.00	0.00	0.00	5.21
PRODUCT	0.00	0.00	0.00	416.72	0.00	0.00	0.00	0.00	0.00	0.00	416.72
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	5.21	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.12	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.35	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.69	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.89	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.09	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.29	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.49	0.07	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	
21.69	0.39	0.000	0.000	0.391	0.000	0.000	0.000	0.000	0.000	0.000	
21.89	0.99	0.000	0.000	0.986	0.000	0.000	0.000	0.000	0.000	0.000	
22.09	1.85	0.000	0.000	1.852	0.000	0.000	0.000	0.000	0.000	0.000	
22.29	2.89	0.000	0.000	2.891	0.000	0.000	0.000	0.000	0.000	0.000	
22.49	3.93	0.000	0.000	3.933	0.000	0.000	0.000	0.000	0.000	0.000	
22.69	4.97	0.000	0.000	4.975	0.000	0.000	0.000	0.000	0.000	0.000	
22.89	6.02	0.000	0.000	6.016	0.000	0.000	0.000	0.000	0.000	0.000	
23.09	7.06	0.000	0.000	7.058	0.000	0.000	0.000	0.000	0.000	0.000	
23.29	8.10	0.000	0.000	8.100	0.000	0.000	0.000	0.000	0.000	0.000	
23.49	9.14	0.000	0.000	9.142	0.000	0.000	0.000	0.000	0.000	0.000	
23.69	10.18	0.000	0.000	10.184	0.000	0.000	0.000	0.000	0.000	0.000	
23.89	11.23	0.000	0.000	11.225	0.000	0.000	0.000	0.000	0.000	0.000	
24.09	12.27	0.000	0.000	12.267	0.000	0.000	0.000	0.000	0.000	0.000	
24.29	13.31	0.000	0.000	13.309	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.69	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-50	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.74	0.00	0.00	0.00	0.00	0.00	0.00	1.74
PRODUCT	0.00	0.00	0.00	138.99	0.00	0.00	0.00	0.00	0.00	0.00	138.99
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.74	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.34	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.34	0.59	0.000	0.000	0.591	0.000	0.000	0.000	0.000	0.000	0.000	
22.84	1.46	0.000	0.000	1.459	0.000	0.000	0.000	0.000	0.000	0.000	
23.34	2.33	0.000	0.000	2.328	0.000	0.000	0.000	0.000	0.000	0.000	
23.84	3.20	0.000	0.000	3.197	0.000	0.000	0.000	0.000	0.000	0.000	
24.34	4.07	0.000	0.000	4.065	0.000	0.000	0.000	0.000	0.000	0.000	
24.84	4.93	0.000	0.000	4.934	0.000	0.000	0.000	0.000	0.000	0.000	
25.34	5.80	0.000	0.000	5.803	0.000	0.000	0.000	0.000	0.000	0.000	
25.84	6.67	0.000	0.000	6.672	0.000	0.000	0.000	0.000	0.000	0.000	
26.34	7.54	0.000	0.000	7.540	0.000	0.000	0.000	0.000	0.000	0.000	
26.84	8.41	0.000	0.000	8.409	0.000	0.000	0.000	0.000	0.000	0.000	
27.34	9.28	0.000	0.000	9.278	0.000	0.000	0.000	0.000	0.000	0.000	
27.84	10.15	0.000	0.000	10.146	0.000	0.000	0.000	0.000	0.000	0.000	
28.34	11.02	0.000	0.000	11.015	0.000	0.000	0.000	0.000	0.000	0.000	
28.84	11.88	0.000	0.000	11.884	0.000	0.000	0.000	0.000	0.000	0.000	
29.34	12.75	0.000	0.000	12.752	0.000	0.000	0.000	0.000	0.000	0.000	
29.84	13.62	0.000	0.000	13.621	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.84	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-51	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.75	0.00	0.00	0.00	0.00	0.00	0.00	3.75
PRODUCT	0.00	0.00	0.00	300.01	0.00	0.00	0.00	0.00	0.00	0.00	300.01
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	3.75	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.96	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.20	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.10	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.40	0.10	0.000	0.000	0.099	0.000	0.000	0.000	0.000	0.000	0.000
21.70	0.62	0.000	0.000	0.617	0.000	0.000	0.000	0.000	0.000	0.000
22.00	1.58	0.000	0.000	1.575	0.000	0.000	0.000	0.000	0.000	0.000
22.30	2.70	0.000	0.000	2.700	0.000	0.000	0.000	0.000	0.000	0.000
22.60	3.83	0.000	0.000	3.825	0.000	0.000	0.000	0.000	0.000	0.000
22.90	4.95	0.000	0.000	4.950	0.000	0.000	0.000	0.000	0.000	0.000
23.20	6.08	0.000	0.000	6.075	0.000	0.000	0.000	0.000	0.000	0.000
23.50	7.20	0.000	0.000	7.200	0.000	0.000	0.000	0.000	0.000	0.000
23.80	8.33	0.000	0.000	8.325	0.000	0.000	0.000	0.000	0.000	0.000
24.10	9.45	0.000	0.000	9.450	0.000	0.000	0.000	0.000	0.000	0.000
24.40	10.58	0.000	0.000	10.575	0.000	0.000	0.000	0.000	0.000	0.000
24.70	11.70	0.000	0.000	11.700	0.000	0.000	0.000	0.000	0.000	0.000
25.00	12.83	0.000	0.000	12.825	0.000	0.000	0.000	0.000	0.000	0.000
25.30	13.95	0.000	0.000	13.951	0.000	0.000	0.000	0.000	0.000	0.000
25.60	15.08	0.000	0.000	15.076	0.000	0.000	0.000	0.000	0.000	0.000
25.90	16.20	0.000	0.000	16.201	0.000	0.000	0.000	0.000	0.000	0.000
26.20	17.33	0.000	0.000	17.326	0.000	0.000	0.000	0.000	0.000	0.000
26.50	18.45	0.000	0.000	18.451	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.10	STAGE STEP:	0.3							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-52	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.09	0.00	0.00	0.00	0.00	0.00	0.00	10.09
PRODUCT	0.00	0.00	0.00	807.02	0.00	0.00	0.00	0.00	0.00	0.00	807.02
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	10.09	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.51	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.45	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.32	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.82	3.43	0.000	0.000	3.430	0.000	0.000	0.000	0.000	0.000	0.000
22.32	8.47	0.000	0.000	8.474	0.000	0.000	0.000	0.000	0.000	0.000
22.82	13.52	0.000	0.000	13.518	0.000	0.000	0.000	0.000	0.000	0.000
23.32	18.56	0.000	0.000	18.561	0.000	0.000	0.000	0.000	0.000	0.000
23.82	23.61	0.000	0.000	23.605	0.000	0.000	0.000	0.000	0.000	0.000
24.32	28.65	0.000	0.000	28.649	0.000	0.000	0.000	0.000	0.000	0.000
24.82	33.69	0.000	0.000	33.693	0.000	0.000	0.000	0.000	0.000	0.000
25.32	38.74	0.000	0.000	38.737	0.000	0.000	0.000	0.000	0.000	0.000
25.82	43.78	0.000	0.000	43.781	0.000	0.000	0.000	0.000	0.000	0.000
26.32	48.82	0.000	0.000	48.825	0.000	0.000	0.000	0.000	0.000	0.000
26.82	53.87	0.000	0.000	53.868	0.000	0.000	0.000	0.000	0.000	0.000
27.32	58.91	0.000	0.000	58.912	0.000	0.000	0.000	0.000	0.000	0.000
27.82	63.96	0.000	0.000	63.956	0.000	0.000	0.000	0.000	0.000	0.000
28.32	69.00	0.000	0.000	69.000	0.000	0.000	0.000	0.000	0.000	0.000
28.82	74.04	0.000	0.000	74.044	0.000	0.000	0.000	0.000	0.000	0.000
29.32	79.09	0.000	0.000	79.088	0.000	0.000	0.000	0.000	0.000	0.000
29.82	84.13	0.000	0.000	84.132	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.82	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-53	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	19.93	0.00	0.00	0.00	0.00	0.00	0.00	19.93
PRODUCT	0.00	0.00	0.00	1594.40	0.00	0.00	0.00	0.00	0.00	0.00	1594.40
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	19.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.42	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.62	0.53	0.000	0.000	0.531	0.000	0.000	0.000	0.000	0.000	0.000	
21.82	3.69	0.000	0.000	3.687	0.000	0.000	0.000	0.000	0.000	0.000	
22.02	7.67	0.000	0.000	7.673	0.000	0.000	0.000	0.000	0.000	0.000	
22.22	11.66	0.000	0.000	11.659	0.000	0.000	0.000	0.000	0.000	0.000	
22.42	15.65	0.000	0.000	15.645	0.000	0.000	0.000	0.000	0.000	0.000	
22.62	19.63	0.000	0.000	19.631	0.000	0.000	0.000	0.000	0.000	0.000	
22.82	23.62	0.000	0.000	23.617	0.000	0.000	0.000	0.000	0.000	0.000	
23.02	27.60	0.000	0.000	27.603	0.000	0.000	0.000	0.000	0.000	0.000	
23.22	31.59	0.000	0.000	31.589	0.000	0.000	0.000	0.000	0.000	0.000	
23.42	35.58	0.000	0.000	35.575	0.000	0.000	0.000	0.000	0.000	0.000	
23.62	39.56	0.000	0.000	39.561	0.000	0.000	0.000	0.000	0.000	0.000	
23.82	43.55	0.000	0.000	43.547	0.000	0.000	0.000	0.000	0.000	0.000	
24.02	47.53	0.000	0.000	47.533	0.000	0.000	0.000	0.000	0.000	0.000	
24.22	51.52	0.000	0.000	51.519	0.000	0.000	0.000	0.000	0.000	0.000	
24.42	55.51	0.000	0.000	55.505	0.000	0.000	0.000	0.000	0.000	0.000	
24.62	59.49	0.000	0.000	59.491	0.000	0.000	0.000	0.000	0.000	0.000	
24.82	63.48	0.000	0.000	63.477	0.000	0.000	0.000	0.000	0.000	0.000	
25.02	67.46	0.000	0.000	67.463	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.42	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-54	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.10	0.00	0.00	0.00	0.00	0.00	0.00	10.10
PRODUCT	0.00	0.00	0.00	808.02	0.00	0.00	0.00	0.00	0.00	0.00	808.02
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	10.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	21.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.27	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.67	1.05	0.000	0.000	1.048	0.000	0.000	0.000	0.000	0.000	0.000	
22.07	4.44	0.000	0.000	4.444	0.000	0.000	0.000	0.000	0.000	0.000	
22.47	8.48	0.000	0.000	8.484	0.000	0.000	0.000	0.000	0.000	0.000	
22.87	12.52	0.000	0.000	12.524	0.000	0.000	0.000	0.000	0.000	0.000	
23.27	16.56	0.000	0.000	16.564	0.000	0.000	0.000	0.000	0.000	0.000	
23.67	20.60	0.000	0.000	20.604	0.000	0.000	0.000	0.000	0.000	0.000	
24.07	24.64	0.000	0.000	24.645	0.000	0.000	0.000	0.000	0.000	0.000	
24.47	28.68	0.000	0.000	28.685	0.000	0.000	0.000	0.000	0.000	0.000	
24.87	32.72	0.000	0.000	32.725	0.000	0.000	0.000	0.000	0.000	0.000	
25.27	36.76	0.000	0.000	36.765	0.000	0.000	0.000	0.000	0.000	0.000	
25.67	40.80	0.000	0.000	40.805	0.000	0.000	0.000	0.000	0.000	0.000	
26.07	44.84	0.000	0.000	44.845	0.000	0.000	0.000	0.000	0.000	0.000	
26.47	48.89	0.000	0.000	48.885	0.000	0.000	0.000	0.000	0.000	0.000	
26.87	52.93	0.000	0.000	52.925	0.000	0.000	0.000	0.000	0.000	0.000	
27.27	56.97	0.000	0.000	56.965	0.000	0.000	0.000	0.000	0.000	0.000	
27.67	61.01	0.000	0.000	61.005	0.000	0.000	0.000	0.000	0.000	0.000	
28.07	65.05	0.000	0.000	65.045	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.87	STAGE STEP:	0.4								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-55	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	1.05
PRODUCT	0.00	0.00	0.00	84.26	0.00	0.00	0.00	0.00	0.00	0.00	84.26
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	21.96	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.36	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.66	0.08	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	
21.96	0.32	0.000	0.000	0.316	0.000	0.000	0.000	0.000	0.000	0.000	
22.26	0.63	0.000	0.000	0.632	0.000	0.000	0.000	0.000	0.000	0.000	
22.56	0.95	0.000	0.000	0.948	0.000	0.000	0.000	0.000	0.000	0.000	
22.86	1.26	0.000	0.000	1.264	0.000	0.000	0.000	0.000	0.000	0.000	
23.16	1.58	0.000	0.000	1.580	0.000	0.000	0.000	0.000	0.000	0.000	
23.46	1.90	0.000	0.000	1.896	0.000	0.000	0.000	0.000	0.000	0.000	
23.76	2.21	0.000	0.000	2.212	0.000	0.000	0.000	0.000	0.000	0.000	
24.06	2.53	0.000	0.000	2.528	0.000	0.000	0.000	0.000	0.000	0.000	
24.36	2.84	0.000	0.000	2.844	0.000	0.000	0.000	0.000	0.000	0.000	
24.66	3.16	0.000	0.000	3.160	0.000	0.000	0.000	0.000	0.000	0.000	
24.96	3.48	0.000	0.000	3.476	0.000	0.000	0.000	0.000	0.000	0.000	
25.26	3.79	0.000	0.000	3.792	0.000	0.000	0.000	0.000	0.000	0.000	
25.56	4.11	0.000	0.000	4.108	0.000	0.000	0.000	0.000	0.000	0.000	
25.86	4.42	0.000	0.000	4.423	0.000	0.000	0.000	0.000	0.000	0.000	
26.16	4.74	0.000	0.000	4.739	0.000	0.000	0.000	0.000	0.000	0.000	
26.46	5.06	0.000	0.000	5.055	0.000	0.000	0.000	0.000	0.000	0.000	
26.76	5.37	0.000	0.000	5.371	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.36	STAGE STEP:	0.3								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-56	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.00	3.99
PRODUCT	0.00	0.00	0.00	319.22	0.00	0.00	0.00	0.00	0.00	0.00	319.22
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.77	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.97	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.17	0.06	0.000	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	
22.37	0.27	0.000	0.000	0.273	0.000	0.000	0.000	0.000	0.000	0.000	
22.57	0.65	0.000	0.000	0.648	0.000	0.000	0.000	0.000	0.000	0.000	
22.77	1.18	0.000	0.000	1.183	0.000	0.000	0.000	0.000	0.000	0.000	
22.97	1.88	0.000	0.000	1.877	0.000	0.000	0.000	0.000	0.000	0.000	
23.17	2.67	0.000	0.000	2.673	0.000	0.000	0.000	0.000	0.000	0.000	
23.37	3.47	0.000	0.000	3.472	0.000	0.000	0.000	0.000	0.000	0.000	
23.57	4.27	0.000	0.000	4.270	0.000	0.000	0.000	0.000	0.000	0.000	
23.77	5.07	0.000	0.000	5.068	0.000	0.000	0.000	0.000	0.000	0.000	
23.97	5.87	0.000	0.000	5.866	0.000	0.000	0.000	0.000	0.000	0.000	
24.17	6.66	0.000	0.000	6.664	0.000	0.000	0.000	0.000	0.000	0.000	
24.37	7.46	0.000	0.000	7.462	0.000	0.000	0.000	0.000	0.000	0.000	
24.57	8.26	0.000	0.000	8.260	0.000	0.000	0.000	0.000	0.000	0.000	
24.77	9.06	0.000	0.000	9.058	0.000	0.000	0.000	0.000	0.000	0.000	
24.97	9.86	0.000	0.000	9.856	0.000	0.000	0.000	0.000	0.000	0.000	
25.17	10.65	0.000	0.000	10.654	0.000	0.000	0.000	0.000	0.000	0.000	
25.37	11.45	0.000	0.000	11.452	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.77	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-57	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	1.03
PRODUCT	0.00	0.00	0.00	82.14	0.00	0.00	0.00	0.00	0.00	0.00	82.14
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.36	0.09	0.000	0.000	0.094	0.000	0.000	0.000	0.000	0.000	0.000	
22.86	0.52	0.000	0.000	0.519	0.000	0.000	0.000	0.000	0.000	0.000	
23.36	1.03	0.000	0.000	1.032	0.000	0.000	0.000	0.000	0.000	0.000	
23.86	1.55	0.000	0.000	1.545	0.000	0.000	0.000	0.000	0.000	0.000	
24.36	2.06	0.000	0.000	2.059	0.000	0.000	0.000	0.000	0.000	0.000	
24.86	2.57	0.000	0.000	2.572	0.000	0.000	0.000	0.000	0.000	0.000	
25.36	3.09	0.000	0.000	3.086	0.000	0.000	0.000	0.000	0.000	0.000	
25.86	3.60	0.000	0.000	3.599	0.000	0.000	0.000	0.000	0.000	0.000	
26.36	4.11	0.000	0.000	4.112	0.000	0.000	0.000	0.000	0.000	0.000	
26.86	4.63	0.000	0.000	4.626	0.000	0.000	0.000	0.000	0.000	0.000	
27.36	5.14	0.000	0.000	5.139	0.000	0.000	0.000	0.000	0.000	0.000	
27.86	5.65	0.000	0.000	5.653	0.000	0.000	0.000	0.000	0.000	0.000	
28.36	6.17	0.000	0.000	6.166	0.000	0.000	0.000	0.000	0.000	0.000	
28.86	6.68	0.000	0.000	6.679	0.000	0.000	0.000	0.000	0.000	0.000	
29.36	7.19	0.000	0.000	7.193	0.000	0.000	0.000	0.000	0.000	0.000	
29.86	7.71	0.000	0.000	7.706	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.86	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-58	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.04	0.00	0.00	0.00	0.00	0.00	0.00	10.04
PRODUCT	0.00	0.00	0.00	803.21	0.00	0.00	0.00	0.00	0.00	0.00	803.21
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	10.04	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.28	0.23	0.000	0.000	0.232	0.000	0.000	0.000	0.000	0.000	0.000
21.78	1.80	0.000	0.000	1.797	0.000	0.000	0.000	0.000	0.000	0.000
22.28	4.84	0.000	0.000	4.838	0.000	0.000	0.000	0.000	0.000	0.000
22.78	9.34	0.000	0.000	9.337	0.000	0.000	0.000	0.000	0.000	0.000
23.28	14.36	0.000	0.000	14.357	0.000	0.000	0.000	0.000	0.000	0.000
23.78	19.38	0.000	0.000	19.377	0.000	0.000	0.000	0.000	0.000	0.000
24.28	24.40	0.000	0.000	24.397	0.000	0.000	0.000	0.000	0.000	0.000
24.78	29.42	0.000	0.000	29.418	0.000	0.000	0.000	0.000	0.000	0.000
25.28	34.44	0.000	0.000	34.438	0.000	0.000	0.000	0.000	0.000	0.000
25.78	39.46	0.000	0.000	39.458	0.000	0.000	0.000	0.000	0.000	0.000
26.28	44.48	0.000	0.000	44.478	0.000	0.000	0.000	0.000	0.000	0.000
26.78	49.50	0.000	0.000	49.498	0.000	0.000	0.000	0.000	0.000	0.000
27.28	54.52	0.000	0.000	54.518	0.000	0.000	0.000	0.000	0.000	0.000
27.78	59.54	0.000	0.000	59.538	0.000	0.000	0.000	0.000	0.000	0.000
28.28	64.56	0.000	0.000	64.558	0.000	0.000	0.000	0.000	0.000	0.000
28.78	69.58	0.000	0.000	69.578	0.000	0.000	0.000	0.000	0.000	0.000
29.28	74.60	0.000	0.000	74.598	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.28	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-59	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00	0.00	0.00	4.54
PRODUCT	0.00	0.00	0.00	363.15	0.00	0.00	0.00	0.00	0.00	0.00	363.15
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	4.54	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.81	0.93	0.000	0.000	0.931	0.000	0.000	0.000	0.000	0.000	0.000
23.31	3.20	0.000	0.000	3.200	0.000	0.000	0.000	0.000	0.000	0.000
23.81	5.47	0.000	0.000	5.470	0.000	0.000	0.000	0.000	0.000	0.000
24.31	7.74	0.000	0.000	7.740	0.000	0.000	0.000	0.000	0.000	0.000
24.81	10.01	0.000	0.000	10.009	0.000	0.000	0.000	0.000	0.000	0.000
25.31	12.28	0.000	0.000	12.279	0.000	0.000	0.000	0.000	0.000	0.000
25.81	14.55	0.000	0.000	14.549	0.000	0.000	0.000	0.000	0.000	0.000
26.31	16.82	0.000	0.000	16.818	0.000	0.000	0.000	0.000	0.000	0.000
26.81	19.09	0.000	0.000	19.088	0.000	0.000	0.000	0.000	0.000	0.000
27.31	21.36	0.000	0.000	21.358	0.000	0.000	0.000	0.000	0.000	0.000
27.81	23.63	0.000	0.000	23.627	0.000	0.000	0.000	0.000	0.000	0.000
28.31	25.90	0.000	0.000	25.897	0.000	0.000	0.000	0.000	0.000	0.000
28.81	28.17	0.000	0.000	28.167	0.000	0.000	0.000	0.000	0.000	0.000
29.31	30.44	0.000	0.000	30.436	0.000	0.000	0.000	0.000	0.000	0.000
29.81	32.71	0.000	0.000	32.706	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.81	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-60	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	66.79	0.00	0.00	0.00	0.00	0.00	0.00	66.79
PRODUCT	0.00	0.00	0.00	5343.52	0.00	0.00	0.00	0.00	0.00	0.00	5343.52
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	66.79	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.19	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.49	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.79	2.32	0.000	0.000	2.321	0.000	0.000	0.000	0.000	0.000	0.000	
22.09	9.61	0.000	0.000	9.608	0.000	0.000	0.000	0.000	0.000	0.000	
22.39	21.86	0.000	0.000	21.863	0.000	0.000	0.000	0.000	0.000	0.000	
22.69	39.09	0.000	0.000	39.086	0.000	0.000	0.000	0.000	0.000	0.000	
22.99	59.11	0.000	0.000	59.113	0.000	0.000	0.000	0.000	0.000	0.000	
23.29	79.15	0.000	0.000	79.151	0.000	0.000	0.000	0.000	0.000	0.000	
23.59	99.19	0.000	0.000	99.189	0.000	0.000	0.000	0.000	0.000	0.000	
23.89	119.23	0.000	0.000	119.227	0.000	0.000	0.000	0.000	0.000	0.000	
24.19	139.27	0.000	0.000	139.265	0.000	0.000	0.000	0.000	0.000	0.000	
24.49	159.30	0.000	0.000	159.304	0.000	0.000	0.000	0.000	0.000	0.000	
24.79	179.34	0.000	0.000	179.342	0.000	0.000	0.000	0.000	0.000	0.000	
25.09	199.38	0.000	0.000	199.380	0.000	0.000	0.000	0.000	0.000	0.000	
25.39	219.42	0.000	0.000	219.418	0.000	0.000	0.000	0.000	0.000	0.000	
25.69	239.46	0.000	0.000	239.456	0.000	0.000	0.000	0.000	0.000	0.000	
25.99	259.49	0.000	0.000	259.495	0.000	0.000	0.000	0.000	0.000	0.000	
26.29	279.53	0.000	0.000	279.533	0.000	0.000	0.000	0.000	0.000	0.000	
26.59	299.57	0.000	0.000	299.571	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.19	STAGE STEP:	0.3								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-61	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.26	0.00	0.00	0.00	0.00	0.00	0.00	6.26
PRODUCT	0.00	0.00	0.00	501.08	0.00	0.00	0.00	0.00	0.00	0.00	501.08
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	6.26	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	21.96	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.75	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.63	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.13	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.63	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.13	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.63	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.13	1.72	0.000	0.000	1.722	0.000	0.000	0.000	0.000	0.000	0.000	
22.63	4.85	0.000	0.000	4.854	0.000	0.000	0.000	0.000	0.000	0.000	
23.13	7.99	0.000	0.000	7.986	0.000	0.000	0.000	0.000	0.000	0.000	
23.63	11.12	0.000	0.000	11.118	0.000	0.000	0.000	0.000	0.000	0.000	
24.13	14.25	0.000	0.000	14.249	0.000	0.000	0.000	0.000	0.000	0.000	
24.63	17.38	0.000	0.000	17.381	0.000	0.000	0.000	0.000	0.000	0.000	
25.13	20.51	0.000	0.000	20.513	0.000	0.000	0.000	0.000	0.000	0.000	
25.63	23.64	0.000	0.000	23.645	0.000	0.000	0.000	0.000	0.000	0.000	
26.13	26.78	0.000	0.000	26.776	0.000	0.000	0.000	0.000	0.000	0.000	
26.63	29.91	0.000	0.000	29.908	0.000	0.000	0.000	0.000	0.000	0.000	
27.13	33.04	0.000	0.000	33.040	0.000	0.000	0.000	0.000	0.000	0.000	
27.63	36.17	0.000	0.000	36.172	0.000	0.000	0.000	0.000	0.000	0.000	
28.13	39.30	0.000	0.000	39.303	0.000	0.000	0.000	0.000	0.000	0.000	
28.63	42.44	0.000	0.000	42.435	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	19.63	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-62	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	14.08	0.00	0.00	0.00	0.00	0.00	0.00	14.08
PRODUCT	0.00	0.00	0.00	1126.46	0.00	0.00	0.00	0.00	0.00	0.00	1126.46
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	14.08	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.12	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.75	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.29	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.49	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.69	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.89	0.37	0.000	0.000	0.373	0.000	0.000	0.000	0.000	0.000	0.000
22.09	2.20	0.000	0.000	2.200	0.000	0.000	0.000	0.000	0.000	0.000
22.29	5.00	0.000	0.000	4.999	0.000	0.000	0.000	0.000	0.000	0.000
22.49	7.81	0.000	0.000	7.815	0.000	0.000	0.000	0.000	0.000	0.000
22.69	10.63	0.000	0.000	10.631	0.000	0.000	0.000	0.000	0.000	0.000
22.89	13.45	0.000	0.000	13.447	0.000	0.000	0.000	0.000	0.000	0.000
23.09	16.26	0.000	0.000	16.263	0.000	0.000	0.000	0.000	0.000	0.000
23.29	19.08	0.000	0.000	19.079	0.000	0.000	0.000	0.000	0.000	0.000
23.49	21.90	0.000	0.000	21.896	0.000	0.000	0.000	0.000	0.000	0.000
23.69	24.71	0.000	0.000	24.712	0.000	0.000	0.000	0.000	0.000	0.000
23.89	27.53	0.000	0.000	27.528	0.000	0.000	0.000	0.000	0.000	0.000
24.09	30.34	0.000	0.000	30.344	0.000	0.000	0.000	0.000	0.000	0.000
24.29	33.16	0.000	0.000	33.160	0.000	0.000	0.000	0.000	0.000	0.000
24.49	35.98	0.000	0.000	35.976	0.000	0.000	0.000	0.000	0.000	0.000
24.69	38.79	0.000	0.000	38.792	0.000	0.000	0.000	0.000	0.000	0.000
24.89	41.61	0.000	0.000	41.609	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.29	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-63	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.86	0.00	0.00	0.00	0.00	0.00	0.00	2.86
PRODUCT	0.00	0.00	0.00	229.01	0.00	0.00	0.00	0.00	0.00	0.00	229.01
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.86	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.96	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.14	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.54	0.00	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000
21.94	0.60	0.000	0.000	0.602	0.000	0.000	0.000	0.000	0.000	0.000
22.34	1.75	0.000	0.000	1.746	0.000	0.000	0.000	0.000	0.000	0.000
22.74	2.89	0.000	0.000	2.891	0.000	0.000	0.000	0.000	0.000	0.000
23.14	4.04	0.000	0.000	4.036	0.000	0.000	0.000	0.000	0.000	0.000
23.54	5.18	0.000	0.000	5.181	0.000	0.000	0.000	0.000	0.000	0.000
23.94	6.33	0.000	0.000	6.326	0.000	0.000	0.000	0.000	0.000	0.000
24.34	7.47	0.000	0.000	7.471	0.000	0.000	0.000	0.000	0.000	0.000
24.74	8.62	0.000	0.000	8.616	0.000	0.000	0.000	0.000	0.000	0.000
25.14	9.76	0.000	0.000	9.761	0.000	0.000	0.000	0.000	0.000	0.000
25.54	10.91	0.000	0.000	10.906	0.000	0.000	0.000	0.000	0.000	0.000
25.94	12.05	0.000	0.000	12.052	0.000	0.000	0.000	0.000	0.000	0.000
26.34	13.20	0.000	0.000	13.197	0.000	0.000	0.000	0.000	0.000	0.000
26.74	14.34	0.000	0.000	14.342	0.000	0.000	0.000	0.000	0.000	0.000
27.14	15.49	0.000	0.000	15.487	0.000	0.000	0.000	0.000	0.000	0.000
27.54	16.63	0.000	0.000	16.632	0.000	0.000	0.000	0.000	0.000	0.000
27.94	17.78	0.000	0.000	17.777	0.000	0.000	0.000	0.000	0.000	0.000
28.34	18.92	0.000	0.000	18.922	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.14	STAGE STEP:	0.4							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-64	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.79	0.00	0.00	0.00	0.00	0.00	0.00	4.79
PRODUCT	0.00	0.00	0.00	383.21	0.00	0.00	0.00	0.00	0.00	0.00	383.21
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	4.79	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.29	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.16	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.76	0.20	0.000	0.000	0.205	0.000	0.000	0.000	0.000	0.000	0.000
22.06	0.95	0.000	0.000	0.951	0.000	0.000	0.000	0.000	0.000	0.000
22.36	2.23	0.000	0.000	2.227	0.000	0.000	0.000	0.000	0.000	0.000
22.66	3.66	0.000	0.000	3.664	0.000	0.000	0.000	0.000	0.000	0.000
22.96	5.10	0.000	0.000	5.101	0.000	0.000	0.000	0.000	0.000	0.000
23.26	6.54	0.000	0.000	6.538	0.000	0.000	0.000	0.000	0.000	0.000
23.56	7.98	0.000	0.000	7.976	0.000	0.000	0.000	0.000	0.000	0.000
23.86	9.41	0.000	0.000	9.413	0.000	0.000	0.000	0.000	0.000	0.000
24.16	10.85	0.000	0.000	10.850	0.000	0.000	0.000	0.000	0.000	0.000
24.46	12.29	0.000	0.000	12.287	0.000	0.000	0.000	0.000	0.000	0.000
24.76	13.72	0.000	0.000	13.724	0.000	0.000	0.000	0.000	0.000	0.000
25.06	15.16	0.000	0.000	15.161	0.000	0.000	0.000	0.000	0.000	0.000
25.36	16.60	0.000	0.000	16.598	0.000	0.000	0.000	0.000	0.000	0.000
25.66	18.03	0.000	0.000	18.035	0.000	0.000	0.000	0.000	0.000	0.000
25.96	19.47	0.000	0.000	19.472	0.000	0.000	0.000	0.000	0.000	0.000
26.26	20.91	0.000	0.000	20.909	0.000	0.000	0.000	0.000	0.000	0.000
26.56	22.35	0.000	0.000	22.346	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.16	STAGE STEP:	0.3							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-65	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	2.21
PRODUCT	0.00	0.00	0.00	176.42	0.00	0.00	0.00	0.00	0.00	0.00	176.42
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.48	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.12	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.12	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.32	0.12	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	0.000	
22.52	0.49	0.000	0.000	0.485	0.000	0.000	0.000	0.000	0.000	0.000	
22.72	0.93	0.000	0.000	0.926	0.000	0.000	0.000	0.000	0.000	0.000	
22.92	1.37	0.000	0.000	1.367	0.000	0.000	0.000	0.000	0.000	0.000	
23.12	1.81	0.000	0.000	1.808	0.000	0.000	0.000	0.000	0.000	0.000	
23.32	2.25	0.000	0.000	2.249	0.000	0.000	0.000	0.000	0.000	0.000	
23.52	2.69	0.000	0.000	2.690	0.000	0.000	0.000	0.000	0.000	0.000	
23.72	3.13	0.000	0.000	3.131	0.000	0.000	0.000	0.000	0.000	0.000	
23.92	3.57	0.000	0.000	3.573	0.000	0.000	0.000	0.000	0.000	0.000	
24.12	4.01	0.000	0.000	4.014	0.000	0.000	0.000	0.000	0.000	0.000	
24.32	4.45	0.000	0.000	4.455	0.000	0.000	0.000	0.000	0.000	0.000	
24.52	4.90	0.000	0.000	4.896	0.000	0.000	0.000	0.000	0.000	0.000	
24.72	5.34	0.000	0.000	5.337	0.000	0.000	0.000	0.000	0.000	0.000	
24.92	5.78	0.000	0.000	5.778	0.000	0.000	0.000	0.000	0.000	0.000	
25.12	6.22	0.000	0.000	6.219	0.000	0.000	0.000	0.000	0.000	0.000	
25.32	6.66	0.000	0.000	6.660	0.000	0.000	0.000	0.000	0.000	0.000	
25.52	7.10	0.000	0.000	7.101	0.000	0.000	0.000	0.000	0.000	0.000	
25.72	7.54	0.000	0.000	7.542	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	22.12	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES						
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC
BASIN NAME:	B-66	BASIN ANALYSIS:	PRE-DEVELOPMENT		KIMLEY-HORN AND ASSOCIATES, INC	

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	3.83
PRODUCT	0.00	0.00	0.00	306.40	0.00	0.00	0.00	0.00	0.00	0.00	306.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.77	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.67	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.67	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.87	0.57	0.000	0.000	0.575	0.000	0.000	0.000	0.000	0.000	0.000
22.07	1.34	0.000	0.000	1.341	0.000	0.000	0.000	0.000	0.000	0.000
22.27	2.11	0.000	0.000	2.107	0.000	0.000	0.000	0.000	0.000	0.000
22.47	2.87	0.000	0.000	2.873	0.000	0.000	0.000	0.000	0.000	0.000
22.67	3.64	0.000	0.000	3.639	0.000	0.000	0.000	0.000	0.000	0.000
22.87	4.40	0.000	0.000	4.405	0.000	0.000	0.000	0.000	0.000	0.000
23.07	5.17	0.000	0.000	5.171	0.000	0.000	0.000	0.000	0.000	0.000
23.27	5.94	0.000	0.000	5.937	0.000	0.000	0.000	0.000	0.000	0.000
23.47	6.70	0.000	0.000	6.703	0.000	0.000	0.000	0.000	0.000	0.000
23.67	7.47	0.000	0.000	7.469	0.000	0.000	0.000	0.000	0.000	0.000
23.87	8.23	0.000	0.000	8.235	0.000	0.000	0.000	0.000	0.000	0.000
24.07	9.00	0.000	0.000	9.001	0.000	0.000	0.000	0.000	0.000	0.000
24.27	9.77	0.000	0.000	9.767	0.000	0.000	0.000	0.000	0.000	0.000
24.47	10.53	0.000	0.000	10.533	0.000	0.000	0.000	0.000	0.000	0.000
24.67	11.30	0.000	0.000	11.299	0.000	0.000	0.000	0.000	0.000	0.000
24.87	12.06	0.000	0.000	12.065	0.000	0.000	0.000	0.000	0.000	0.000
25.07	12.83	0.000	0.000	12.831	0.000	0.000	0.000	0.000	0.000	0.000
25.27	13.60	0.000	0.000	13.597	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.67	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-67	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.00	6.53
PRODUCT	0.00	0.00	0.00	522.28	0.00	0.00	0.00	0.00	0.00	0.00	522.28
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.48	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.52	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.02	0.00	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	
22.52	1.83	0.000	0.000	1.828	0.000	0.000	0.000	0.000	0.000	0.000	
23.02	5.09	0.000	0.000	5.092	0.000	0.000	0.000	0.000	0.000	0.000	
23.52	8.36	0.000	0.000	8.357	0.000	0.000	0.000	0.000	0.000	0.000	
24.02	11.62	0.000	0.000	11.621	0.000	0.000	0.000	0.000	0.000	0.000	
24.52	14.89	0.000	0.000	14.885	0.000	0.000	0.000	0.000	0.000	0.000	
25.02	18.15	0.000	0.000	18.149	0.000	0.000	0.000	0.000	0.000	0.000	
25.52	21.41	0.000	0.000	21.414	0.000	0.000	0.000	0.000	0.000	0.000	
26.02	24.68	0.000	0.000	24.678	0.000	0.000	0.000	0.000	0.000	0.000	
26.52	27.94	0.000	0.000	27.942	0.000	0.000	0.000	0.000	0.000	0.000	
27.02	31.21	0.000	0.000	31.206	0.000	0.000	0.000	0.000	0.000	0.000	
27.52	34.47	0.000	0.000	34.471	0.000	0.000	0.000	0.000	0.000	0.000	
28.02	37.73	0.000	0.000	37.735	0.000	0.000	0.000	0.000	0.000	0.000	
28.52	41.00	0.000	0.000	40.999	0.000	0.000	0.000	0.000	0.000	0.000	
29.02	44.26	0.000	0.000	44.263	0.000	0.000	0.000	0.000	0.000	0.000	
29.52	47.53	0.000	0.000	47.528	0.000	0.000	0.000	0.000	0.000	0.000	
30.02	50.79	0.000	0.000	50.792	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.02	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-68	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.92	0.00	0.00	0.00	0.00	0.00	0.00	3.92
PRODUCT	0.00	0.00	0.00	313.64	0.00	0.00	0.00	0.00	0.00	0.00	313.64
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	3.92	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.46	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.66	0.31	0.000	0.000	0.314	0.000	0.000	0.000	0.000	0.000	0.000
22.86	1.08	0.000	0.000	1.078	0.000	0.000	0.000	0.000	0.000	0.000
23.06	1.86	0.000	0.000	1.862	0.000	0.000	0.000	0.000	0.000	0.000
23.26	2.65	0.000	0.000	2.646	0.000	0.000	0.000	0.000	0.000	0.000
23.46	3.43	0.000	0.000	3.430	0.000	0.000	0.000	0.000	0.000	0.000
23.66	4.21	0.000	0.000	4.214	0.000	0.000	0.000	0.000	0.000	0.000
23.86	5.00	0.000	0.000	4.999	0.000	0.000	0.000	0.000	0.000	0.000
24.06	5.78	0.000	0.000	5.783	0.000	0.000	0.000	0.000	0.000	0.000
24.26	6.57	0.000	0.000	6.567	0.000	0.000	0.000	0.000	0.000	0.000
24.46	7.35	0.000	0.000	7.351	0.000	0.000	0.000	0.000	0.000	0.000
24.66	8.13	0.000	0.000	8.135	0.000	0.000	0.000	0.000	0.000	0.000
24.86	8.92	0.000	0.000	8.919	0.000	0.000	0.000	0.000	0.000	0.000
25.06	9.70	0.000	0.000	9.703	0.000	0.000	0.000	0.000	0.000	0.000
25.26	10.49	0.000	0.000	10.487	0.000	0.000	0.000	0.000	0.000	0.000
25.46	11.27	0.000	0.000	11.271	0.000	0.000	0.000	0.000	0.000	0.000
25.66	12.06	0.000	0.000	12.055	0.000	0.000	0.000	0.000	0.000	0.000
25.86	12.84	0.000	0.000	12.839	0.000	0.000	0.000	0.000	0.000	0.000
26.06	13.62	0.000	0.000	13.624	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.46	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-69	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.72	0.00	0.00	0.00	0.00	0.00	0.00	2.72
PRODUCT	0.00	0.00	0.00	217.85	0.00	0.00	0.00	0.00	0.00	0.00	217.85
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	2.72	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.48	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.25	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.45	0.24	0.000	0.000	0.237	0.000	0.000	0.000	0.000	0.000	0.000	
22.65	0.78	0.000	0.000	0.776	0.000	0.000	0.000	0.000	0.000	0.000	
22.85	1.32	0.000	0.000	1.321	0.000	0.000	0.000	0.000	0.000	0.000	
23.05	1.87	0.000	0.000	1.865	0.000	0.000	0.000	0.000	0.000	0.000	
23.25	2.41	0.000	0.000	2.410	0.000	0.000	0.000	0.000	0.000	0.000	
23.45	2.95	0.000	0.000	2.955	0.000	0.000	0.000	0.000	0.000	0.000	
23.65	3.50	0.000	0.000	3.499	0.000	0.000	0.000	0.000	0.000	0.000	
23.85	4.04	0.000	0.000	4.044	0.000	0.000	0.000	0.000	0.000	0.000	
24.05	4.59	0.000	0.000	4.588	0.000	0.000	0.000	0.000	0.000	0.000	
24.25	5.13	0.000	0.000	5.133	0.000	0.000	0.000	0.000	0.000	0.000	
24.45	5.68	0.000	0.000	5.678	0.000	0.000	0.000	0.000	0.000	0.000	
24.65	6.22	0.000	0.000	6.222	0.000	0.000	0.000	0.000	0.000	0.000	
24.85	6.77	0.000	0.000	6.767	0.000	0.000	0.000	0.000	0.000	0.000	
25.05	7.31	0.000	0.000	7.312	0.000	0.000	0.000	0.000	0.000	0.000	
25.25	7.86	0.000	0.000	7.856	0.000	0.000	0.000	0.000	0.000	0.000	
25.45	8.40	0.000	0.000	8.401	0.000	0.000	0.000	0.000	0.000	0.000	
25.65	8.95	0.000	0.000	8.945	0.000	0.000	0.000	0.000	0.000	0.000	
25.85	9.49	0.000	0.000	9.490	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	22.25	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-70	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.33
PRODUCT	0.00	0.00	0.00	106.78	0.00	0.00	0.00	0.00	0.00	0.00	106.78
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.48	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.68	0.10	0.000	0.000	0.103	0.000	0.000	0.000	0.000	0.000	0.000	
22.88	0.37	0.000	0.000	0.367	0.000	0.000	0.000	0.000	0.000	0.000	
23.08	0.63	0.000	0.000	0.634	0.000	0.000	0.000	0.000	0.000	0.000	
23.28	0.90	0.000	0.000	0.901	0.000	0.000	0.000	0.000	0.000	0.000	
23.48	1.17	0.000	0.000	1.168	0.000	0.000	0.000	0.000	0.000	0.000	
23.68	1.43	0.000	0.000	1.435	0.000	0.000	0.000	0.000	0.000	0.000	
23.88	1.70	0.000	0.000	1.702	0.000	0.000	0.000	0.000	0.000	0.000	
24.08	1.97	0.000	0.000	1.969	0.000	0.000	0.000	0.000	0.000	0.000	
24.28	2.24	0.000	0.000	2.236	0.000	0.000	0.000	0.000	0.000	0.000	
24.48	2.50	0.000	0.000	2.503	0.000	0.000	0.000	0.000	0.000	0.000	
24.68	2.77	0.000	0.000	2.770	0.000	0.000	0.000	0.000	0.000	0.000	
24.88	3.04	0.000	0.000	3.037	0.000	0.000	0.000	0.000	0.000	0.000	
25.08	3.30	0.000	0.000	3.304	0.000	0.000	0.000	0.000	0.000	0.000	
25.28	3.57	0.000	0.000	3.571	0.000	0.000	0.000	0.000	0.000	0.000	
25.48	3.84	0.000	0.000	3.838	0.000	0.000	0.000	0.000	0.000	0.000	
25.68	4.10	0.000	0.000	4.104	0.000	0.000	0.000	0.000	0.000	0.000	
25.88	4.37	0.000	0.000	4.371	0.000	0.000	0.000	0.000	0.000	0.000	
26.08	4.64	0.000	0.000	4.638	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	22.48	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-71	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.69	0.00	0.00	0.00	0.00	0.00	0.00	2.69
PRODUCT	0.00	0.00	0.00	215.13	0.00	0.00	0.00	0.00	0.00	0.00	215.13
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	2.69	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.30	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.64	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.04	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.24	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.44	0.06	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	
22.64	0.38	0.000	0.000	0.379	0.000	0.000	0.000	0.000	0.000	0.000	
22.84	0.90	0.000	0.000	0.901	0.000	0.000	0.000	0.000	0.000	0.000	
23.04	1.44	0.000	0.000	1.439	0.000	0.000	0.000	0.000	0.000	0.000	
23.24	1.98	0.000	0.000	1.977	0.000	0.000	0.000	0.000	0.000	0.000	
23.44	2.51	0.000	0.000	2.514	0.000	0.000	0.000	0.000	0.000	0.000	
23.64	3.05	0.000	0.000	3.052	0.000	0.000	0.000	0.000	0.000	0.000	
23.84	3.59	0.000	0.000	3.590	0.000	0.000	0.000	0.000	0.000	0.000	
24.04	4.13	0.000	0.000	4.128	0.000	0.000	0.000	0.000	0.000	0.000	
24.24	4.67	0.000	0.000	4.666	0.000	0.000	0.000	0.000	0.000	0.000	
24.44	5.20	0.000	0.000	5.204	0.000	0.000	0.000	0.000	0.000	0.000	
24.64	5.74	0.000	0.000	5.741	0.000	0.000	0.000	0.000	0.000	0.000	
24.84	6.28	0.000	0.000	6.279	0.000	0.000	0.000	0.000	0.000	0.000	
25.04	6.82	0.000	0.000	6.817	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.44	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-72	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.32	0.00	0.00	0.00	0.00	0.00	0.00	3.32
PRODUCT	0.00	0.00	0.00	265.51	0.00	0.00	0.00	0.00	0.00	0.00	265.51
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	3.32	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.61	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.01	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.21	0.10	0.000	0.000	0.103	0.000	0.000	0.000	0.000	0.000	0.000	
22.41	0.39	0.000	0.000	0.393	0.000	0.000	0.000	0.000	0.000	0.000	
22.61	0.87	0.000	0.000	0.870	0.000	0.000	0.000	0.000	0.000	0.000	
22.81	1.51	0.000	0.000	1.510	0.000	0.000	0.000	0.000	0.000	0.000	
23.01	2.17	0.000	0.000	2.174	0.000	0.000	0.000	0.000	0.000	0.000	
23.21	2.84	0.000	0.000	2.838	0.000	0.000	0.000	0.000	0.000	0.000	
23.41	3.50	0.000	0.000	3.501	0.000	0.000	0.000	0.000	0.000	0.000	
23.61	4.17	0.000	0.000	4.165	0.000	0.000	0.000	0.000	0.000	0.000	
23.81	4.83	0.000	0.000	4.829	0.000	0.000	0.000	0.000	0.000	0.000	
24.01	5.49	0.000	0.000	5.493	0.000	0.000	0.000	0.000	0.000	0.000	
24.21	6.16	0.000	0.000	6.157	0.000	0.000	0.000	0.000	0.000	0.000	
24.41	6.82	0.000	0.000	6.820	0.000	0.000	0.000	0.000	0.000	0.000	
24.61	7.48	0.000	0.000	7.484	0.000	0.000	0.000	0.000	0.000	0.000	
24.81	8.15	0.000	0.000	8.148	0.000	0.000	0.000	0.000	0.000	0.000	
25.01	8.81	0.000	0.000	8.812	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.41	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-73	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.87	0.00	0.00	0.00	0.00	0.00	0.00	6.87
PRODUCT	0.00	0.00	0.00	549.71	0.00	0.00	0.00	0.00	0.00	0.00	549.71
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	6.87	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	21.10	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.39	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.39	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.59	2.37	0.000	0.000	2.371	0.000	0.000	0.000	0.000	0.000	0.000	
21.79	3.74	0.000	0.000	3.745	0.000	0.000	0.000	0.000	0.000	0.000	
21.99	5.12	0.000	0.000	5.119	0.000	0.000	0.000	0.000	0.000	0.000	
22.19	6.49	0.000	0.000	6.493	0.000	0.000	0.000	0.000	0.000	0.000	
22.39	7.87	0.000	0.000	7.868	0.000	0.000	0.000	0.000	0.000	0.000	
22.59	9.24	0.000	0.000	9.242	0.000	0.000	0.000	0.000	0.000	0.000	
22.79	10.62	0.000	0.000	10.616	0.000	0.000	0.000	0.000	0.000	0.000	
22.99	11.99	0.000	0.000	11.991	0.000	0.000	0.000	0.000	0.000	0.000	
23.19	13.36	0.000	0.000	13.365	0.000	0.000	0.000	0.000	0.000	0.000	
23.39	14.74	0.000	0.000	14.739	0.000	0.000	0.000	0.000	0.000	0.000	
23.59	16.11	0.000	0.000	16.113	0.000	0.000	0.000	0.000	0.000	0.000	
23.79	17.49	0.000	0.000	17.488	0.000	0.000	0.000	0.000	0.000	0.000	
23.99	18.86	0.000	0.000	18.862	0.000	0.000	0.000	0.000	0.000	0.000	
24.19	20.24	0.000	0.000	20.236	0.000	0.000	0.000	0.000	0.000	0.000	
24.39	21.61	0.000	0.000	21.611	0.000	0.000	0.000	0.000	0.000	0.000	
24.59	22.98	0.000	0.000	22.985	0.000	0.000	0.000	0.000	0.000	0.000	
24.79	24.36	0.000	0.000	24.359	0.000	0.000	0.000	0.000	0.000	0.000	
24.99	25.73	0.000	0.000	25.733	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.39	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-74	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.72
PRODUCT	0.00	0.00	0.00	57.34	0.00	0.00	0.00	0.00	0.00	0.00	57.34
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	21.70	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.78	0.13	0.000	0.000	0.129	0.000	0.000	0.000	0.000	0.000	0.000	
22.28	0.49	0.000	0.000	0.487	0.000	0.000	0.000	0.000	0.000	0.000	
22.78	0.85	0.000	0.000	0.846	0.000	0.000	0.000	0.000	0.000	0.000	
23.28	1.20	0.000	0.000	1.204	0.000	0.000	0.000	0.000	0.000	0.000	
23.78	1.56	0.000	0.000	1.563	0.000	0.000	0.000	0.000	0.000	0.000	
24.28	1.92	0.000	0.000	1.921	0.000	0.000	0.000	0.000	0.000	0.000	
24.78	2.28	0.000	0.000	2.279	0.000	0.000	0.000	0.000	0.000	0.000	
25.28	2.64	0.000	0.000	2.638	0.000	0.000	0.000	0.000	0.000	0.000	
25.78	3.00	0.000	0.000	2.996	0.000	0.000	0.000	0.000	0.000	0.000	
26.28	3.35	0.000	0.000	3.355	0.000	0.000	0.000	0.000	0.000	0.000	
26.78	3.71	0.000	0.000	3.713	0.000	0.000	0.000	0.000	0.000	0.000	
27.28	4.07	0.000	0.000	4.071	0.000	0.000	0.000	0.000	0.000	0.000	
27.78	4.43	0.000	0.000	4.430	0.000	0.000	0.000	0.000	0.000	0.000	
28.28	4.79	0.000	0.000	4.788	0.000	0.000	0.000	0.000	0.000	0.000	
28.78	5.15	0.000	0.000	5.146	0.000	0.000	0.000	0.000	0.000	0.000	
29.28	5.50	0.000	0.000	5.505	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.28	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-75	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.36	0.00	0.00	0.00	0.00	0.00	0.00	3.36
PRODUCT	0.00	0.00	0.00	268.56	0.00	0.00	0.00	0.00	0.00	0.00	268.56
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	3.36	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.30	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.22	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.22	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.42	0.54	0.000	0.000	0.537	0.000	0.000	0.000	0.000	0.000	0.000	
22.62	1.21	0.000	0.000	1.209	0.000	0.000	0.000	0.000	0.000	0.000	
22.82	1.88	0.000	0.000	1.880	0.000	0.000	0.000	0.000	0.000	0.000	
23.02	2.55	0.000	0.000	2.551	0.000	0.000	0.000	0.000	0.000	0.000	
23.22	3.22	0.000	0.000	3.223	0.000	0.000	0.000	0.000	0.000	0.000	
23.42	3.89	0.000	0.000	3.894	0.000	0.000	0.000	0.000	0.000	0.000	
23.62	4.57	0.000	0.000	4.566	0.000	0.000	0.000	0.000	0.000	0.000	
23.82	5.24	0.000	0.000	5.237	0.000	0.000	0.000	0.000	0.000	0.000	
24.02	5.91	0.000	0.000	5.908	0.000	0.000	0.000	0.000	0.000	0.000	
24.22	6.58	0.000	0.000	6.580	0.000	0.000	0.000	0.000	0.000	0.000	
24.42	7.25	0.000	0.000	7.251	0.000	0.000	0.000	0.000	0.000	0.000	
24.62	7.92	0.000	0.000	7.923	0.000	0.000	0.000	0.000	0.000	0.000	
24.82	8.59	0.000	0.000	8.594	0.000	0.000	0.000	0.000	0.000	0.000	
25.02	9.27	0.000	0.000	9.265	0.000	0.000	0.000	0.000	0.000	0.000	
25.22	9.94	0.000	0.000	9.937	0.000	0.000	0.000	0.000	0.000	0.000	
25.42	10.61	0.000	0.000	10.608	0.000	0.000	0.000	0.000	0.000	0.000	
25.62	11.28	0.000	0.000	11.280	0.000	0.000	0.000	0.000	0.000	0.000	
25.82	11.95	0.000	0.000	11.951	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	22.22	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-76	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	41.37	0.00	0.00	0.00	0.00	0.00	0.00	41.37
PRODUCT	0.00	0.00	0.00	3309.68	0.00	0.00	0.00	0.00	0.00	0.00	3309.68
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	41.37	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.73	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.23	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.73	0.73	0.000	0.000	0.730	0.000	0.000	0.000	0.000	0.000	0.000
22.23	7.35	0.000	0.000	7.349	0.000	0.000	0.000	0.000	0.000	0.000
22.73	20.86	0.000	0.000	20.863	0.000	0.000	0.000	0.000	0.000	0.000
23.23	40.54	0.000	0.000	40.544	0.000	0.000	0.000	0.000	0.000	0.000
23.73	61.23	0.000	0.000	61.229	0.000	0.000	0.000	0.000	0.000	0.000
24.23	81.91	0.000	0.000	81.914	0.000	0.000	0.000	0.000	0.000	0.000
24.73	102.60	0.000	0.000	102.600	0.000	0.000	0.000	0.000	0.000	0.000
25.23	123.29	0.000	0.000	123.285	0.000	0.000	0.000	0.000	0.000	0.000
25.73	143.97	0.000	0.000	143.971	0.000	0.000	0.000	0.000	0.000	0.000
26.23	164.66	0.000	0.000	164.656	0.000	0.000	0.000	0.000	0.000	0.000
26.73	185.34	0.000	0.000	185.342	0.000	0.000	0.000	0.000	0.000	0.000
27.23	206.03	0.000	0.000	206.027	0.000	0.000	0.000	0.000	0.000	0.000
27.73	226.71	0.000	0.000	226.713	0.000	0.000	0.000	0.000	0.000	0.000
28.23	247.40	0.000	0.000	247.398	0.000	0.000	0.000	0.000	0.000	0.000
28.73	268.08	0.000	0.000	268.084	0.000	0.000	0.000	0.000	0.000	0.000
29.23	288.77	0.000	0.000	288.769	0.000	0.000	0.000	0.000	0.000	0.000
29.73	309.45	0.000	0.000	309.455	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.73	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-77	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	17.71	0.00	0.00	0.00	0.00	0.00	0.00	17.71
PRODUCT	0.00	0.00	0.00	1416.80	0.00	0.00	0.00	0.00	0.00	0.00	1416.80
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	17.71	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.86	0.46	0.000	0.000	0.459	0.000	0.000	0.000	0.000	0.000	0.000	
22.36	2.62	0.000	0.000	2.620	0.000	0.000	0.000	0.000	0.000	0.000	
22.86	6.55	0.000	0.000	6.551	0.000	0.000	0.000	0.000	0.000	0.000	
23.36	12.25	0.000	0.000	12.254	0.000	0.000	0.000	0.000	0.000	0.000	
23.86	19.73	0.000	0.000	19.728	0.000	0.000	0.000	0.000	0.000	0.000	
24.36	28.51	0.000	0.000	28.513	0.000	0.000	0.000	0.000	0.000	0.000	
24.86	37.37	0.000	0.000	37.368	0.000	0.000	0.000	0.000	0.000	0.000	
25.36	46.22	0.000	0.000	46.223	0.000	0.000	0.000	0.000	0.000	0.000	
25.86	55.08	0.000	0.000	55.078	0.000	0.000	0.000	0.000	0.000	0.000	
26.36	63.93	0.000	0.000	63.933	0.000	0.000	0.000	0.000	0.000	0.000	
26.86	72.79	0.000	0.000	72.788	0.000	0.000	0.000	0.000	0.000	0.000	
27.36	81.64	0.000	0.000	81.643	0.000	0.000	0.000	0.000	0.000	0.000	
27.86	90.50	0.000	0.000	90.498	0.000	0.000	0.000	0.000	0.000	0.000	
28.36	99.35	0.000	0.000	99.353	0.000	0.000	0.000	0.000	0.000	0.000	
28.86	108.21	0.000	0.000	108.208	0.000	0.000	0.000	0.000	0.000	0.000	
29.36	117.06	0.000	0.000	117.063	0.000	0.000	0.000	0.000	0.000	0.000	
29.86	125.92	0.000	0.000	125.918	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.86	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-78	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.57	0.00	0.00	0.00	0.00	0.00	0.00	4.57
PRODUCT	0.00	0.00	0.00	365.60	0.00	0.00	0.00	0.00	0.00	0.00	365.60
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	4.57	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.72	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.92	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.12	0.02	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	
22.32	0.12	0.000	0.000	0.117	0.000	0.000	0.000	0.000	0.000	0.000	
22.52	0.31	0.000	0.000	0.309	0.000	0.000	0.000	0.000	0.000	0.000	
22.72	0.59	0.000	0.000	0.592	0.000	0.000	0.000	0.000	0.000	0.000	
22.92	0.97	0.000	0.000	0.967	0.000	0.000	0.000	0.000	0.000	0.000	
23.12	1.43	0.000	0.000	1.433	0.000	0.000	0.000	0.000	0.000	0.000	
23.32	1.99	0.000	0.000	1.991	0.000	0.000	0.000	0.000	0.000	0.000	
23.52	2.64	0.000	0.000	2.640	0.000	0.000	0.000	0.000	0.000	0.000	
23.72	3.38	0.000	0.000	3.380	0.000	0.000	0.000	0.000	0.000	0.000	
23.92	4.21	0.000	0.000	4.212	0.000	0.000	0.000	0.000	0.000	0.000	
24.12	5.12	0.000	0.000	5.118	0.000	0.000	0.000	0.000	0.000	0.000	
24.32	6.03	0.000	0.000	6.032	0.000	0.000	0.000	0.000	0.000	0.000	
24.52	6.95	0.000	0.000	6.946	0.000	0.000	0.000	0.000	0.000	0.000	
24.72	7.86	0.000	0.000	7.860	0.000	0.000	0.000	0.000	0.000	0.000	
24.92	8.77	0.000	0.000	8.774	0.000	0.000	0.000	0.000	0.000	0.000	
25.12	9.69	0.000	0.000	9.688	0.000	0.000	0.000	0.000	0.000	0.000	
25.32	10.60	0.000	0.000	10.602	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.72	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-79	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00	0.00	4.27
PRODUCT	0.00	0.00	0.00	341.60	0.00	0.00	0.00	0.00	0.00	0.00	341.60
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.96	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.16	0.03	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	
22.36	0.14	0.000	0.000	0.138	0.000	0.000	0.000	0.000	0.000	0.000	
22.56	0.33	0.000	0.000	0.335	0.000	0.000	0.000	0.000	0.000	0.000	
22.76	0.62	0.000	0.000	0.617	0.000	0.000	0.000	0.000	0.000	0.000	
22.96	0.98	0.000	0.000	0.984	0.000	0.000	0.000	0.000	0.000	0.000	
23.16	1.44	0.000	0.000	1.436	0.000	0.000	0.000	0.000	0.000	0.000	
23.36	1.97	0.000	0.000	1.974	0.000	0.000	0.000	0.000	0.000	0.000	
23.56	2.60	0.000	0.000	2.598	0.000	0.000	0.000	0.000	0.000	0.000	
23.76	3.31	0.000	0.000	3.307	0.000	0.000	0.000	0.000	0.000	0.000	
23.96	4.10	0.000	0.000	4.101	0.000	0.000	0.000	0.000	0.000	0.000	
24.16	4.95	0.000	0.000	4.953	0.000	0.000	0.000	0.000	0.000	0.000	
24.36	5.81	0.000	0.000	5.807	0.000	0.000	0.000	0.000	0.000	0.000	
24.56	6.66	0.000	0.000	6.661	0.000	0.000	0.000	0.000	0.000	0.000	
24.76	7.52	0.000	0.000	7.515	0.000	0.000	0.000	0.000	0.000	0.000	
24.96	8.37	0.000	0.000	8.369	0.000	0.000	0.000	0.000	0.000	0.000	
25.16	9.22	0.000	0.000	9.223	0.000	0.000	0.000	0.000	0.000	0.000	
25.36	10.08	0.000	0.000	10.077	0.000	0.000	0.000	0.000	0.000	0.000	
25.56	10.93	0.000	0.000	10.931	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.96	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-80	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00	2.44
PRODUCT	0.00	0.00	0.00	166.40	0.00	0.00	0.00	0.00	0.00	0.00	166.40
COMPOSITE CN											68

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.31	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.51	0.02	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000
22.71	0.10	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.000	0.000
22.91	0.22	0.000	0.000	0.222	0.000	0.000	0.000	0.000	0.000	0.000
23.11	0.39	0.000	0.000	0.394	0.000	0.000	0.000	0.000	0.000	0.000
23.31	0.62	0.000	0.000	0.615	0.000	0.000	0.000	0.000	0.000	0.000
23.51	0.89	0.000	0.000	0.886	0.000	0.000	0.000	0.000	0.000	0.000
23.71	1.21	0.000	0.000	1.206	0.000	0.000	0.000	0.000	0.000	0.000
23.91	1.58	0.000	0.000	1.575	0.000	0.000	0.000	0.000	0.000	0.000
24.11	1.99	0.000	0.000	1.986	0.000	0.000	0.000	0.000	0.000	0.000
24.31	2.40	0.000	0.000	2.402	0.000	0.000	0.000	0.000	0.000	0.000
24.51	2.82	0.000	0.000	2.818	0.000	0.000	0.000	0.000	0.000	0.000
24.71	3.23	0.000	0.000	3.234	0.000	0.000	0.000	0.000	0.000	0.000
24.91	3.65	0.000	0.000	3.650	0.000	0.000	0.000	0.000	0.000	0.000
25.11	4.07	0.000	0.000	4.066	0.000	0.000	0.000	0.000	0.000	0.000
25.31	4.48	0.000	0.000	4.482	0.000	0.000	0.000	0.000	0.000	0.000
25.51	4.90	0.000	0.000	4.898	0.000	0.000	0.000	0.000	0.000	0.000
25.71	5.31	0.000	0.000	5.314	0.000	0.000	0.000	0.000	0.000	0.000
25.91	5.73	0.000	0.000	5.730	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.31	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-81	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.22	0.00	0.00	0.00	0.00	0.00	0.00	10.22
PRODUCT	0.00	0.00	0.00	817.31	0.00	0.00	0.00	0.00	0.00	0.00	817.31
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	10.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.66	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.06	0.01	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	
22.26	0.17	0.000	0.000	0.173	0.000	0.000	0.000	0.000	0.000	0.000	
22.46	0.54	0.000	0.000	0.540	0.000	0.000	0.000	0.000	0.000	0.000	
22.66	1.11	0.000	0.000	1.113	0.000	0.000	0.000	0.000	0.000	0.000	
22.86	1.89	0.000	0.000	1.889	0.000	0.000	0.000	0.000	0.000	0.000	
23.06	2.87	0.000	0.000	2.870	0.000	0.000	0.000	0.000	0.000	0.000	
23.26	4.05	0.000	0.000	4.055	0.000	0.000	0.000	0.000	0.000	0.000	
23.46	5.44	0.000	0.000	5.444	0.000	0.000	0.000	0.000	0.000	0.000	
23.66	7.04	0.000	0.000	7.038	0.000	0.000	0.000	0.000	0.000	0.000	
23.86	8.84	0.000	0.000	8.836	0.000	0.000	0.000	0.000	0.000	0.000	
24.06	10.83	0.000	0.000	10.829	0.000	0.000	0.000	0.000	0.000	0.000	
24.26	12.87	0.000	0.000	12.873	0.000	0.000	0.000	0.000	0.000	0.000	
24.46	14.92	0.000	0.000	14.916	0.000	0.000	0.000	0.000	0.000	0.000	
24.66	16.96	0.000	0.000	16.959	0.000	0.000	0.000	0.000	0.000	0.000	
24.86	19.00	0.000	0.000	19.002	0.000	0.000	0.000	0.000	0.000	0.000	
25.06	21.05	0.000	0.000	21.046	0.000	0.000	0.000	0.000	0.000	0.000	
25.26	23.09	0.000	0.000	23.089	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.66	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-82	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	13.19	0.00	0.00	0.00	0.00	0.00	0.00	13.19
PRODUCT	0.00	0.00	0.00	1054.94	0.00	0.00	0.00	0.00	0.00	0.00	1054.94
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	13.19	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.14	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.14	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.34	0.14	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.000	0.000
22.54	0.57	0.000	0.000	0.567	0.000	0.000	0.000	0.000	0.000	0.000
22.74	1.28	0.000	0.000	1.276	0.000	0.000	0.000	0.000	0.000	0.000
22.94	2.27	0.000	0.000	2.269	0.000	0.000	0.000	0.000	0.000	0.000
23.14	3.54	0.000	0.000	3.545	0.000	0.000	0.000	0.000	0.000	0.000
23.34	5.10	0.000	0.000	5.105	0.000	0.000	0.000	0.000	0.000	0.000
23.54	6.95	0.000	0.000	6.948	0.000	0.000	0.000	0.000	0.000	0.000
23.74	9.07	0.000	0.000	9.075	0.000	0.000	0.000	0.000	0.000	0.000
23.94	11.49	0.000	0.000	11.485	0.000	0.000	0.000	0.000	0.000	0.000
24.14	14.11	0.000	0.000	14.110	0.000	0.000	0.000	0.000	0.000	0.000
24.34	16.75	0.000	0.000	16.747	0.000	0.000	0.000	0.000	0.000	0.000
24.54	19.38	0.000	0.000	19.384	0.000	0.000	0.000	0.000	0.000	0.000
24.74	22.02	0.000	0.000	22.022	0.000	0.000	0.000	0.000	0.000	0.000
24.94	24.66	0.000	0.000	24.659	0.000	0.000	0.000	0.000	0.000	0.000
25.14	27.30	0.000	0.000	27.296	0.000	0.000	0.000	0.000	0.000	0.000
25.34	29.93	0.000	0.000	29.934	0.000	0.000	0.000	0.000	0.000	0.000
25.54	32.57	0.000	0.000	32.571	0.000	0.000	0.000	0.000	0.000	0.000
25.74	35.21	0.000	0.000	35.209	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	22.14	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-83	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.08	0.00	0.00	0.00	0.00	0.00	0.00	10.08
PRODUCT	0.00	0.00	0.00	806.46	0.00	0.00	0.00	0.00	0.00	0.00	806.46
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	10.08	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.21	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.61	0.04	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	
22.81	0.32	0.000	0.000	0.323	0.000	0.000	0.000	0.000	0.000	0.000	
23.01	0.87	0.000	0.000	0.874	0.000	0.000	0.000	0.000	0.000	0.000	
23.21	1.69	0.000	0.000	1.694	0.000	0.000	0.000	0.000	0.000	0.000	
23.41	2.78	0.000	0.000	2.783	0.000	0.000	0.000	0.000	0.000	0.000	
23.61	4.14	0.000	0.000	4.140	0.000	0.000	0.000	0.000	0.000	0.000	
23.81	5.77	0.000	0.000	5.767	0.000	0.000	0.000	0.000	0.000	0.000	
24.01	7.66	0.000	0.000	7.661	0.000	0.000	0.000	0.000	0.000	0.000	
24.21	9.68	0.000	0.000	9.678	0.000	0.000	0.000	0.000	0.000	0.000	
24.41	11.69	0.000	0.000	11.694	0.000	0.000	0.000	0.000	0.000	0.000	
24.61	13.71	0.000	0.000	13.710	0.000	0.000	0.000	0.000	0.000	0.000	
24.81	15.73	0.000	0.000	15.726	0.000	0.000	0.000	0.000	0.000	0.000	
25.01	17.74	0.000	0.000	17.742	0.000	0.000	0.000	0.000	0.000	0.000	
25.21	19.76	0.000	0.000	19.758	0.000	0.000	0.000	0.000	0.000	0.000	
25.41	21.77	0.000	0.000	21.775	0.000	0.000	0.000	0.000	0.000	0.000	
25.61	23.79	0.000	0.000	23.791	0.000	0.000	0.000	0.000	0.000	0.000	
25.81	25.81	0.000	0.000	25.807	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	22.21	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-84	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	20.79	0.00	0.00	0.00	0.00	0.00	0.00	20.79
PRODUCT	0.00	0.00	0.00	1662.90	0.00	0.00	0.00	0.00	0.00	0.00	1662.90
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	20.79	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.65	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.90	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.10	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.70	0.07	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	
22.90	1.86	0.000	0.000	1.856	0.000	0.000	0.000	0.000	0.000	0.000	
23.10	5.72	0.000	0.000	5.716	0.000	0.000	0.000	0.000	0.000	0.000	
23.30	9.87	0.000	0.000	9.873	0.000	0.000	0.000	0.000	0.000	0.000	
23.50	14.03	0.000	0.000	14.031	0.000	0.000	0.000	0.000	0.000	0.000	
23.70	18.19	0.000	0.000	18.188	0.000	0.000	0.000	0.000	0.000	0.000	
23.90	22.35	0.000	0.000	22.345	0.000	0.000	0.000	0.000	0.000	0.000	
24.10	26.50	0.000	0.000	26.503	0.000	0.000	0.000	0.000	0.000	0.000	
24.30	30.66	0.000	0.000	30.660	0.000	0.000	0.000	0.000	0.000	0.000	
24.50	34.82	0.000	0.000	34.817	0.000	0.000	0.000	0.000	0.000	0.000	
24.70	38.97	0.000	0.000	38.974	0.000	0.000	0.000	0.000	0.000	0.000	
24.90	43.13	0.000	0.000	43.132	0.000	0.000	0.000	0.000	0.000	0.000	
25.10	47.29	0.000	0.000	47.289	0.000	0.000	0.000	0.000	0.000	0.000	
25.30	51.45	0.000	0.000	51.446	0.000	0.000	0.000	0.000	0.000	0.000	
25.50	55.60	0.000	0.000	55.603	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.90	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-85	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.28	0.00	0.00	0.00	0.00	0.00	0.00	5.28
PRODUCT	0.00	0.00	0.00	422.35	0.00	0.00	0.00	0.00	0.00	0.00	422.35
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	5.28	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.20	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.47	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.27	0.02	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000
21.67	0.73	0.000	0.000	0.729	0.000	0.000	0.000	0.000	0.000	0.000
22.07	2.48	0.000	0.000	2.481	0.000	0.000	0.000	0.000	0.000	0.000
22.47	4.59	0.000	0.000	4.593	0.000	0.000	0.000	0.000	0.000	0.000
22.87	6.70	0.000	0.000	6.705	0.000	0.000	0.000	0.000	0.000	0.000
23.27	8.82	0.000	0.000	8.817	0.000	0.000	0.000	0.000	0.000	0.000
23.67	10.93	0.000	0.000	10.928	0.000	0.000	0.000	0.000	0.000	0.000
24.07	13.04	0.000	0.000	13.040	0.000	0.000	0.000	0.000	0.000	0.000
24.47	15.15	0.000	0.000	15.152	0.000	0.000	0.000	0.000	0.000	0.000
24.87	17.26	0.000	0.000	17.264	0.000	0.000	0.000	0.000	0.000	0.000
25.27	19.38	0.000	0.000	19.375	0.000	0.000	0.000	0.000	0.000	0.000
25.67	21.49	0.000	0.000	21.487	0.000	0.000	0.000	0.000	0.000	0.000
26.07	23.60	0.000	0.000	23.599	0.000	0.000	0.000	0.000	0.000	0.000
26.47	25.71	0.000	0.000	25.711	0.000	0.000	0.000	0.000	0.000	0.000
26.87	27.82	0.000	0.000	27.822	0.000	0.000	0.000	0.000	0.000	0.000
27.27	29.93	0.000	0.000	29.934	0.000	0.000	0.000	0.000	0.000	0.000
27.67	32.05	0.000	0.000	32.046	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.47	STAGE STEP:	0.4							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-86	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.41	0.00	0.00	0.00	0.00	0.00	0.00	2.41
PRODUCT	0.00	0.00	0.00	193.12	0.00	0.00	0.00	0.00	0.00	0.00	193.12
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.41	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.70	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.71	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.21	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.71	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.21	0.08	0.000	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000
22.71	0.87	0.000	0.000	0.869	0.000	0.000	0.000	0.000	0.000	0.000
23.21	2.08	0.000	0.000	2.076	0.000	0.000	0.000	0.000	0.000	0.000
23.71	3.28	0.000	0.000	3.283	0.000	0.000	0.000	0.000	0.000	0.000
24.21	4.49	0.000	0.000	4.490	0.000	0.000	0.000	0.000	0.000	0.000
24.71	5.70	0.000	0.000	5.697	0.000	0.000	0.000	0.000	0.000	0.000
25.21	6.90	0.000	0.000	6.904	0.000	0.000	0.000	0.000	0.000	0.000
25.71	8.11	0.000	0.000	8.111	0.000	0.000	0.000	0.000	0.000	0.000
26.21	9.32	0.000	0.000	9.318	0.000	0.000	0.000	0.000	0.000	0.000
26.71	10.53	0.000	0.000	10.525	0.000	0.000	0.000	0.000	0.000	0.000
27.21	11.73	0.000	0.000	11.732	0.000	0.000	0.000	0.000	0.000	0.000
27.71	12.94	0.000	0.000	12.939	0.000	0.000	0.000	0.000	0.000	0.000
28.21	14.15	0.000	0.000	14.146	0.000	0.000	0.000	0.000	0.000	0.000
28.71	15.35	0.000	0.000	15.353	0.000	0.000	0.000	0.000	0.000	0.000
29.21	16.56	0.000	0.000	16.560	0.000	0.000	0.000	0.000	0.000	0.000
29.71	17.77	0.000	0.000	17.767	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.71	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-87	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.53
PRODUCT	0.00	0.00	0.00	122.40	0.00	0.00	0.00	0.00	0.00	0.00	122.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.10	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.55	0.00	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
21.85	0.16	0.000	0.000	0.156	0.000	0.000	0.000	0.000	0.000	0.000
22.15	0.54	0.000	0.000	0.535	0.000	0.000	0.000	0.000	0.000	0.000
22.45	0.99	0.000	0.000	0.994	0.000	0.000	0.000	0.000	0.000	0.000
22.75	1.45	0.000	0.000	1.453	0.000	0.000	0.000	0.000	0.000	0.000
23.05	1.91	0.000	0.000	1.912	0.000	0.000	0.000	0.000	0.000	0.000
23.35	2.37	0.000	0.000	2.371	0.000	0.000	0.000	0.000	0.000	0.000
23.65	2.83	0.000	0.000	2.830	0.000	0.000	0.000	0.000	0.000	0.000
23.95	3.29	0.000	0.000	3.289	0.000	0.000	0.000	0.000	0.000	0.000
24.25	3.75	0.000	0.000	3.748	0.000	0.000	0.000	0.000	0.000	0.000
24.55	4.21	0.000	0.000	4.207	0.000	0.000	0.000	0.000	0.000	0.000
24.85	4.67	0.000	0.000	4.666	0.000	0.000	0.000	0.000	0.000	0.000
25.15	5.13	0.000	0.000	5.125	0.000	0.000	0.000	0.000	0.000	0.000
25.45	5.58	0.000	0.000	5.584	0.000	0.000	0.000	0.000	0.000	0.000
25.75	6.04	0.000	0.000	6.043	0.000	0.000	0.000	0.000	0.000	0.000
26.05	6.50	0.000	0.000	6.502	0.000	0.000	0.000	0.000	0.000	0.000
26.35	6.96	0.000	0.000	6.961	0.000	0.000	0.000	0.000	0.000	0.000
26.65	7.42	0.000	0.000	7.420	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.25	STAGE STEP:	0.3							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-88	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.41	0.00	0.00	0.00	0.00	0.00	0.00	3.41
PRODUCT	0.00	0.00	0.00	272.71	0.00	0.00	0.00	0.00	0.00	0.00	272.71
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	3.41	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.18	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.48	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.08	0.01	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	
22.38	0.25	0.000	0.000	0.246	0.000	0.000	0.000	0.000	0.000	0.000	
22.68	0.79	0.000	0.000	0.788	0.000	0.000	0.000	0.000	0.000	0.000	
22.98	1.64	0.000	0.000	1.637	0.000	0.000	0.000	0.000	0.000	0.000	
23.28	2.66	0.000	0.000	2.659	0.000	0.000	0.000	0.000	0.000	0.000	
23.58	3.68	0.000	0.000	3.682	0.000	0.000	0.000	0.000	0.000	0.000	
23.88	4.70	0.000	0.000	4.704	0.000	0.000	0.000	0.000	0.000	0.000	
24.18	5.73	0.000	0.000	5.727	0.000	0.000	0.000	0.000	0.000	0.000	
24.48	6.75	0.000	0.000	6.750	0.000	0.000	0.000	0.000	0.000	0.000	
24.78	7.77	0.000	0.000	7.772	0.000	0.000	0.000	0.000	0.000	0.000	
25.08	8.79	0.000	0.000	8.795	0.000	0.000	0.000	0.000	0.000	0.000	
25.38	9.82	0.000	0.000	9.818	0.000	0.000	0.000	0.000	0.000	0.000	
25.68	10.84	0.000	0.000	10.840	0.000	0.000	0.000	0.000	0.000	0.000	
25.98	11.86	0.000	0.000	11.863	0.000	0.000	0.000	0.000	0.000	0.000	
26.28	12.89	0.000	0.000	12.886	0.000	0.000	0.000	0.000	0.000	0.000	
26.58	13.91	0.000	0.000	13.908	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.18	STAGE STEP:	0.3								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-89	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	12.55	0.00	0.00	0.00	0.00	0.00	0.00	12.55
PRODUCT	0.00	0.00	0.00	1004.10	0.00	0.00	0.00	0.00	0.00	0.00	1004.10
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	12.55	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.99	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.49	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.99	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.49	1.51	0.000	0.000	1.507	0.000	0.000	0.000	0.000	0.000	0.000
22.99	6.15	0.000	0.000	6.151	0.000	0.000	0.000	0.000	0.000	0.000
23.49	12.43	0.000	0.000	12.426	0.000	0.000	0.000	0.000	0.000	0.000
23.99	18.70	0.000	0.000	18.701	0.000	0.000	0.000	0.000	0.000	0.000
24.49	24.98	0.000	0.000	24.977	0.000	0.000	0.000	0.000	0.000	0.000
24.99	31.25	0.000	0.000	31.253	0.000	0.000	0.000	0.000	0.000	0.000
25.49	37.53	0.000	0.000	37.528	0.000	0.000	0.000	0.000	0.000	0.000
25.99	43.80	0.000	0.000	43.804	0.000	0.000	0.000	0.000	0.000	0.000
26.49	50.08	0.000	0.000	50.080	0.000	0.000	0.000	0.000	0.000	0.000
26.99	56.36	0.000	0.000	56.355	0.000	0.000	0.000	0.000	0.000	0.000
27.49	62.63	0.000	0.000	62.631	0.000	0.000	0.000	0.000	0.000	0.000
27.99	68.91	0.000	0.000	68.907	0.000	0.000	0.000	0.000	0.000	0.000
28.49	75.18	0.000	0.000	75.182	0.000	0.000	0.000	0.000	0.000	0.000
28.99	81.46	0.000	0.000	81.458	0.000	0.000	0.000	0.000	0.000	0.000
29.49	87.73	0.000	0.000	87.734	0.000	0.000	0.000	0.000	0.000	0.000
29.99	94.01	0.000	0.000	94.009	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.99	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-90	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	1.68
PRODUCT	0.00	0.00	0.00	134.79	0.00	0.00	0.00	0.00	0.00	0.00	134.79
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.78	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.98	0.03	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	
22.18	0.11	0.000	0.000	0.110	0.000	0.000	0.000	0.000	0.000	0.000	
22.38	0.25	0.000	0.000	0.249	0.000	0.000	0.000	0.000	0.000	0.000	
22.58	0.44	0.000	0.000	0.442	0.000	0.000	0.000	0.000	0.000	0.000	
22.78	0.69	0.000	0.000	0.691	0.000	0.000	0.000	0.000	0.000	0.000	
22.98	0.99	0.000	0.000	0.994	0.000	0.000	0.000	0.000	0.000	0.000	
23.18	1.33	0.000	0.000	1.331	0.000	0.000	0.000	0.000	0.000	0.000	
23.38	1.67	0.000	0.000	1.668	0.000	0.000	0.000	0.000	0.000	0.000	
23.58	2.01	0.000	0.000	2.005	0.000	0.000	0.000	0.000	0.000	0.000	
23.78	2.34	0.000	0.000	2.342	0.000	0.000	0.000	0.000	0.000	0.000	
23.98	2.68	0.000	0.000	2.679	0.000	0.000	0.000	0.000	0.000	0.000	
24.18	3.02	0.000	0.000	3.016	0.000	0.000	0.000	0.000	0.000	0.000	
24.38	3.35	0.000	0.000	3.353	0.000	0.000	0.000	0.000	0.000	0.000	
24.58	3.69	0.000	0.000	3.690	0.000	0.000	0.000	0.000	0.000	0.000	
24.78	4.03	0.000	0.000	4.027	0.000	0.000	0.000	0.000	0.000	0.000	
24.98	4.36	0.000	0.000	4.364	0.000	0.000	0.000	0.000	0.000	0.000	
25.18	4.70	0.000	0.000	4.701	0.000	0.000	0.000	0.000	0.000	0.000	
25.38	5.04	0.000	0.000	5.038	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.78	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-91	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.74	0.00	0.00	0.00	0.00	0.00	0.00	3.74
PRODUCT	0.00	0.00	0.00	299.43	0.00	0.00	0.00	0.00	0.00	0.00	299.43
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	3.74	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.61	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.01	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.21	0.08	0.000	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.000	
22.41	0.31	0.000	0.000	0.315	0.000	0.000	0.000	0.000	0.000	0.000	
22.61	0.70	0.000	0.000	0.696	0.000	0.000	0.000	0.000	0.000	0.000	
22.81	1.23	0.000	0.000	1.228	0.000	0.000	0.000	0.000	0.000	0.000	
23.01	1.91	0.000	0.000	1.909	0.000	0.000	0.000	0.000	0.000	0.000	
23.21	2.66	0.000	0.000	2.657	0.000	0.000	0.000	0.000	0.000	0.000	
23.41	3.41	0.000	0.000	3.406	0.000	0.000	0.000	0.000	0.000	0.000	
23.61	4.15	0.000	0.000	4.155	0.000	0.000	0.000	0.000	0.000	0.000	
23.81	4.90	0.000	0.000	4.903	0.000	0.000	0.000	0.000	0.000	0.000	
24.01	5.65	0.000	0.000	5.652	0.000	0.000	0.000	0.000	0.000	0.000	
24.21	6.40	0.000	0.000	6.400	0.000	0.000	0.000	0.000	0.000	0.000	
24.41	7.15	0.000	0.000	7.149	0.000	0.000	0.000	0.000	0.000	0.000	
24.61	7.90	0.000	0.000	7.898	0.000	0.000	0.000	0.000	0.000	0.000	
24.81	8.65	0.000	0.000	8.646	0.000	0.000	0.000	0.000	0.000	0.000	
25.01	9.39	0.000	0.000	9.395	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.41	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-92	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	4.59	0.00	0.00	0.00	0.00	0.00	0.00	4.59
PRODUCT	0.00	0.00	0.00	366.91	0.00	0.00	0.00	0.00	0.00	0.00	366.91
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	4.59	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.40	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.03	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.53	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.03	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.53	0.11	0.000	0.000	0.110	0.000	0.000	0.000	0.000	0.000	0.000	
22.03	1.11	0.000	0.000	1.111	0.000	0.000	0.000	0.000	0.000	0.000	
22.53	3.12	0.000	0.000	3.119	0.000	0.000	0.000	0.000	0.000	0.000	
23.03	5.41	0.000	0.000	5.412	0.000	0.000	0.000	0.000	0.000	0.000	
23.53	7.71	0.000	0.000	7.705	0.000	0.000	0.000	0.000	0.000	0.000	
24.03	10.00	0.000	0.000	9.998	0.000	0.000	0.000	0.000	0.000	0.000	
24.53	12.29	0.000	0.000	12.291	0.000	0.000	0.000	0.000	0.000	0.000	
25.03	14.58	0.000	0.000	14.585	0.000	0.000	0.000	0.000	0.000	0.000	
25.53	16.88	0.000	0.000	16.878	0.000	0.000	0.000	0.000	0.000	0.000	
26.03	19.17	0.000	0.000	19.171	0.000	0.000	0.000	0.000	0.000	0.000	
26.53	21.46	0.000	0.000	21.464	0.000	0.000	0.000	0.000	0.000	0.000	
27.03	23.76	0.000	0.000	23.757	0.000	0.000	0.000	0.000	0.000	0.000	
27.53	26.05	0.000	0.000	26.050	0.000	0.000	0.000	0.000	0.000	0.000	
28.03	28.34	0.000	0.000	28.344	0.000	0.000	0.000	0.000	0.000	0.000	
28.53	30.64	0.000	0.000	30.637	0.000	0.000	0.000	0.000	0.000	0.000	
29.03	32.93	0.000	0.000	32.930	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.03	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-93	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.34
PRODUCT	0.00	0.00	0.00	107.51	0.00	0.00	0.00	0.00	0.00	0.00	107.51
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	22.30	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.04	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.24	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.44	0.02	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	
22.64	0.11	0.000	0.000	0.111	0.000	0.000	0.000	0.000	0.000	0.000	
22.84	0.28	0.000	0.000	0.280	0.000	0.000	0.000	0.000	0.000	0.000	
23.04	0.52	0.000	0.000	0.524	0.000	0.000	0.000	0.000	0.000	0.000	
23.24	0.79	0.000	0.000	0.793	0.000	0.000	0.000	0.000	0.000	0.000	
23.44	1.06	0.000	0.000	1.062	0.000	0.000	0.000	0.000	0.000	0.000	
23.64	1.33	0.000	0.000	1.330	0.000	0.000	0.000	0.000	0.000	0.000	
23.84	1.60	0.000	0.000	1.599	0.000	0.000	0.000	0.000	0.000	0.000	
24.04	1.87	0.000	0.000	1.868	0.000	0.000	0.000	0.000	0.000	0.000	
24.24	2.14	0.000	0.000	2.137	0.000	0.000	0.000	0.000	0.000	0.000	
24.44	2.41	0.000	0.000	2.406	0.000	0.000	0.000	0.000	0.000	0.000	
24.64	2.67	0.000	0.000	2.674	0.000	0.000	0.000	0.000	0.000	0.000	
24.84	2.94	0.000	0.000	2.943	0.000	0.000	0.000	0.000	0.000	0.000	
25.04	3.21	0.000	0.000	3.212	0.000	0.000	0.000	0.000	0.000	0.000	
25.24	3.48	0.000	0.000	3.481	0.000	0.000	0.000	0.000	0.000	0.000	
25.44	3.75	0.000	0.000	3.750	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	21.84	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-94	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.62	0.00	0.00	0.00	0.00	0.00	0.00	6.62
PRODUCT	0.00	0.00	0.00	529.83	0.00	0.00	0.00	0.00	0.00	0.00	529.83
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.62	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.24	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.24	0.19	0.000	0.000	0.191	0.000	0.000	0.000	0.000	0.000	0.000
22.74	1.81	0.000	0.000	1.813	0.000	0.000	0.000	0.000	0.000	0.000
23.24	4.90	0.000	0.000	4.901	0.000	0.000	0.000	0.000	0.000	0.000
23.74	8.21	0.000	0.000	8.212	0.000	0.000	0.000	0.000	0.000	0.000
24.24	11.52	0.000	0.000	11.524	0.000	0.000	0.000	0.000	0.000	0.000
24.74	14.84	0.000	0.000	14.835	0.000	0.000	0.000	0.000	0.000	0.000
25.24	18.15	0.000	0.000	18.147	0.000	0.000	0.000	0.000	0.000	0.000
25.74	21.46	0.000	0.000	21.458	0.000	0.000	0.000	0.000	0.000	0.000
26.24	24.77	0.000	0.000	24.770	0.000	0.000	0.000	0.000	0.000	0.000
26.74	28.08	0.000	0.000	28.081	0.000	0.000	0.000	0.000	0.000	0.000
27.24	31.39	0.000	0.000	31.393	0.000	0.000	0.000	0.000	0.000	0.000
27.74	34.70	0.000	0.000	34.704	0.000	0.000	0.000	0.000	0.000	0.000
28.24	38.02	0.000	0.000	38.015	0.000	0.000	0.000	0.000	0.000	0.000
28.74	41.33	0.000	0.000	41.327	0.000	0.000	0.000	0.000	0.000	0.000
29.24	44.64	0.000	0.000	44.638	0.000	0.000	0.000	0.000	0.000	0.000
29.74	47.95	0.000	0.000	47.950	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.74	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-95	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	10.72	0.00	0.00	0.00	0.00	0.00	0.00	10.72
PRODUCT	0.00	0.00	0.00	857.45	0.00	0.00	0.00	0.00	0.00	0.00	857.45
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	10.72	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.60	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.15	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.65	0.02	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000
21.15	2.32	0.000	0.000	2.316	0.000	0.000	0.000	0.000	0.000	0.000
21.65	7.50	0.000	0.000	7.503	0.000	0.000	0.000	0.000	0.000	0.000
22.15	12.86	0.000	0.000	12.862	0.000	0.000	0.000	0.000	0.000	0.000
22.65	18.22	0.000	0.000	18.221	0.000	0.000	0.000	0.000	0.000	0.000
23.15	23.58	0.000	0.000	23.580	0.000	0.000	0.000	0.000	0.000	0.000
23.65	28.94	0.000	0.000	28.939	0.000	0.000	0.000	0.000	0.000	0.000
24.15	34.30	0.000	0.000	34.298	0.000	0.000	0.000	0.000	0.000	0.000
24.65	39.66	0.000	0.000	39.657	0.000	0.000	0.000	0.000	0.000	0.000
25.15	45.02	0.000	0.000	45.016	0.000	0.000	0.000	0.000	0.000	0.000
25.65	50.38	0.000	0.000	50.375	0.000	0.000	0.000	0.000	0.000	0.000
26.15	55.73	0.000	0.000	55.734	0.000	0.000	0.000	0.000	0.000	0.000
26.65	61.09	0.000	0.000	61.093	0.000	0.000	0.000	0.000	0.000	0.000
27.15	66.45	0.000	0.000	66.452	0.000	0.000	0.000	0.000	0.000	0.000
27.65	71.81	0.000	0.000	71.812	0.000	0.000	0.000	0.000	0.000	0.000
28.15	77.17	0.000	0.000	77.171	0.000	0.000	0.000	0.000	0.000	0.000
28.65	82.53	0.000	0.000	82.530	0.000	0.000	0.000	0.000	0.000	0.000
29.15	87.89	0.000	0.000	87.889	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.15	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-96	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00	1.66
PRODUCT	0.00	0.00	0.00	132.73	0.00	0.00	0.00	0.00	0.00	0.00	132.73
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.96	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.46	0.18	0.000	0.000	0.176	0.000	0.000	0.000	0.000	0.000	0.000
21.96	0.76	0.000	0.000	0.765	0.000	0.000	0.000	0.000	0.000	0.000
22.46	1.59	0.000	0.000	1.593	0.000	0.000	0.000	0.000	0.000	0.000
22.96	2.42	0.000	0.000	2.422	0.000	0.000	0.000	0.000	0.000	0.000
23.46	3.25	0.000	0.000	3.252	0.000	0.000	0.000	0.000	0.000	0.000
23.96	4.08	0.000	0.000	4.082	0.000	0.000	0.000	0.000	0.000	0.000
24.46	4.91	0.000	0.000	4.911	0.000	0.000	0.000	0.000	0.000	0.000
24.96	5.74	0.000	0.000	5.741	0.000	0.000	0.000	0.000	0.000	0.000
25.46	6.57	0.000	0.000	6.570	0.000	0.000	0.000	0.000	0.000	0.000
25.96	7.40	0.000	0.000	7.400	0.000	0.000	0.000	0.000	0.000	0.000
26.46	8.23	0.000	0.000	8.229	0.000	0.000	0.000	0.000	0.000	0.000
26.96	9.06	0.000	0.000	9.059	0.000	0.000	0.000	0.000	0.000	0.000
27.46	9.89	0.000	0.000	9.889	0.000	0.000	0.000	0.000	0.000	0.000
27.96	10.72	0.000	0.000	10.718	0.000	0.000	0.000	0.000	0.000	0.000
28.46	11.55	0.000	0.000	11.548	0.000	0.000	0.000	0.000	0.000	0.000
28.96	12.38	0.000	0.000	12.377	0.000	0.000	0.000	0.000	0.000	0.000
29.46	13.21	0.000	0.000	13.207	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.46	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-97	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.11	0.00	0.00	0.00	0.00	0.00	0.00	5.11
PRODUCT	0.00	0.00	0.00	408.57	0.00	0.00	0.00	0.00	0.00	0.00	408.57
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	5.11	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.25	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.85	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.35	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.85	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.35	0.25	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	
21.85	1.48	0.000	0.000	1.476	0.000	0.000	0.000	0.000	0.000	0.000	
22.35	3.70	0.000	0.000	3.703	0.000	0.000	0.000	0.000	0.000	0.000	
22.85	6.26	0.000	0.000	6.256	0.000	0.000	0.000	0.000	0.000	0.000	
23.35	8.81	0.000	0.000	8.810	0.000	0.000	0.000	0.000	0.000	0.000	
23.85	11.36	0.000	0.000	11.363	0.000	0.000	0.000	0.000	0.000	0.000	
24.35	13.92	0.000	0.000	13.917	0.000	0.000	0.000	0.000	0.000	0.000	
24.85	16.47	0.000	0.000	16.470	0.000	0.000	0.000	0.000	0.000	0.000	
25.35	19.02	0.000	0.000	19.024	0.000	0.000	0.000	0.000	0.000	0.000	
25.85	21.58	0.000	0.000	21.577	0.000	0.000	0.000	0.000	0.000	0.000	
26.35	24.13	0.000	0.000	24.131	0.000	0.000	0.000	0.000	0.000	0.000	
26.85	26.68	0.000	0.000	26.684	0.000	0.000	0.000	0.000	0.000	0.000	
27.35	29.24	0.000	0.000	29.238	0.000	0.000	0.000	0.000	0.000	0.000	
27.85	31.79	0.000	0.000	31.792	0.000	0.000	0.000	0.000	0.000	0.000	
28.35	34.35	0.000	0.000	34.345	0.000	0.000	0.000	0.000	0.000	0.000	
28.85	36.90	0.000	0.000	36.899	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	19.85	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-98	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	11.11	0.00	0.00	0.00	0.00	0.00	0.00	11.11
PRODUCT	0.00	0.00	0.00	889.13	0.00	0.00	0.00	0.00	0.00	0.00	889.13
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	11.11	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.10	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.28	0.40	0.000	0.000	0.396	0.000	0.000	0.000	0.000	0.000	0.000
20.78	3.07	0.000	0.000	3.074	0.000	0.000	0.000	0.000	0.000	0.000
21.28	8.11	0.000	0.000	8.113	0.000	0.000	0.000	0.000	0.000	0.000
21.78	13.67	0.000	0.000	13.670	0.000	0.000	0.000	0.000	0.000	0.000
22.28	19.23	0.000	0.000	19.228	0.000	0.000	0.000	0.000	0.000	0.000
22.78	24.78	0.000	0.000	24.785	0.000	0.000	0.000	0.000	0.000	0.000
23.28	30.34	0.000	0.000	30.342	0.000	0.000	0.000	0.000	0.000	0.000
23.78	35.90	0.000	0.000	35.899	0.000	0.000	0.000	0.000	0.000	0.000
24.28	41.46	0.000	0.000	41.456	0.000	0.000	0.000	0.000	0.000	0.000
24.78	47.01	0.000	0.000	47.013	0.000	0.000	0.000	0.000	0.000	0.000
25.28	52.57	0.000	0.000	52.570	0.000	0.000	0.000	0.000	0.000	0.000
25.78	58.13	0.000	0.000	58.127	0.000	0.000	0.000	0.000	0.000	0.000
26.28	63.68	0.000	0.000	63.684	0.000	0.000	0.000	0.000	0.000	0.000
26.78	69.24	0.000	0.000	69.241	0.000	0.000	0.000	0.000	0.000	0.000
27.28	74.80	0.000	0.000	74.798	0.000	0.000	0.000	0.000	0.000	0.000
27.78	80.36	0.000	0.000	80.355	0.000	0.000	0.000	0.000	0.000	0.000
28.28	85.91	0.000	0.000	85.912	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.28	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-99	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.23	0.00	0.00	0.00	0.00	0.00	0.00	2.23
PRODUCT	0.00	0.00	0.00	178.22	0.00	0.00	0.00	0.00	0.00	0.00	178.22
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	2.23	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	20.70	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.60	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.69	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.19	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.69	0.09	0.000	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000
21.19	1.20	0.000	0.000	1.203	0.000	0.000	0.000	0.000	0.000	0.000
21.69	2.32	0.000	0.000	2.317	0.000	0.000	0.000	0.000	0.000	0.000
22.19	3.43	0.000	0.000	3.431	0.000	0.000	0.000	0.000	0.000	0.000
22.69	4.54	0.000	0.000	4.545	0.000	0.000	0.000	0.000	0.000	0.000
23.19	5.66	0.000	0.000	5.659	0.000	0.000	0.000	0.000	0.000	0.000
23.69	6.77	0.000	0.000	6.772	0.000	0.000	0.000	0.000	0.000	0.000
24.19	7.89	0.000	0.000	7.886	0.000	0.000	0.000	0.000	0.000	0.000
24.69	9.00	0.000	0.000	9.000	0.000	0.000	0.000	0.000	0.000	0.000
25.19	10.11	0.000	0.000	10.114	0.000	0.000	0.000	0.000	0.000	0.000
25.69	11.23	0.000	0.000	11.228	0.000	0.000	0.000	0.000	0.000	0.000
26.19	12.34	0.000	0.000	12.342	0.000	0.000	0.000	0.000	0.000	0.000
26.69	13.46	0.000	0.000	13.456	0.000	0.000	0.000	0.000	0.000	0.000
27.19	14.57	0.000	0.000	14.570	0.000	0.000	0.000	0.000	0.000	0.000
27.69	15.68	0.000	0.000	15.684	0.000	0.000	0.000	0.000	0.000	0.000
28.19	16.80	0.000	0.000	16.798	0.000	0.000	0.000	0.000	0.000	0.000
28.69	17.91	0.000	0.000	17.911	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.69	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-100	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.69	0.00	0.00	0.00	0.00	0.00	0.00	5.69
PRODUCT	0.00	0.00	0.00	455.40	0.00	0.00	0.00	0.00	0.00	0.00	455.40
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	5.69	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.70	0.14	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.000	0.000
20.90	0.57	0.000	0.000	0.569	0.000	0.000	0.000	0.000	0.000	0.000
21.10	1.28	0.000	0.000	1.281	0.000	0.000	0.000	0.000	0.000	0.000
21.30	2.28	0.000	0.000	2.277	0.000	0.000	0.000	0.000	0.000	0.000
21.50	3.42	0.000	0.000	3.415	0.000	0.000	0.000	0.000	0.000	0.000
21.70	4.55	0.000	0.000	4.554	0.000	0.000	0.000	0.000	0.000	0.000
21.90	5.69	0.000	0.000	5.692	0.000	0.000	0.000	0.000	0.000	0.000
22.10	6.83	0.000	0.000	6.831	0.000	0.000	0.000	0.000	0.000	0.000
22.30	7.97	0.000	0.000	7.969	0.000	0.000	0.000	0.000	0.000	0.000
22.50	9.11	0.000	0.000	9.108	0.000	0.000	0.000	0.000	0.000	0.000
22.70	10.25	0.000	0.000	10.246	0.000	0.000	0.000	0.000	0.000	0.000
22.90	11.38	0.000	0.000	11.385	0.000	0.000	0.000	0.000	0.000	0.000
23.10	12.52	0.000	0.000	12.523	0.000	0.000	0.000	0.000	0.000	0.000
23.30	13.66	0.000	0.000	13.662	0.000	0.000	0.000	0.000	0.000	0.000
23.50	14.80	0.000	0.000	14.800	0.000	0.000	0.000	0.000	0.000	0.000
23.70	15.94	0.000	0.000	15.939	0.000	0.000	0.000	0.000	0.000	0.000
23.90	17.08	0.000	0.000	17.077	0.000	0.000	0.000	0.000	0.000	0.000
24.10	18.22	0.000	0.000	18.216	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.50	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-101	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	9.72	0.00	0.00	0.00	0.00	0.00	0.00	9.72
PRODUCT	0.00	0.00	0.00	777.49	0.00	0.00	0.00	0.00	0.00	0.00	777.49
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	9.72	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.70	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	19.30	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
18.71	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.21	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.71	0.34	0.000	0.000	0.340	0.000	0.000	0.000	0.000	0.000	0.000
20.21	1.68	0.000	0.000	1.677	0.000	0.000	0.000	0.000	0.000	0.000
20.71	4.03	0.000	0.000	4.025	0.000	0.000	0.000	0.000	0.000	0.000
21.21	7.39	0.000	0.000	7.386	0.000	0.000	0.000	0.000	0.000	0.000
21.71	11.76	0.000	0.000	11.760	0.000	0.000	0.000	0.000	0.000	0.000
22.21	16.62	0.000	0.000	16.619	0.000	0.000	0.000	0.000	0.000	0.000
22.71	21.48	0.000	0.000	21.478	0.000	0.000	0.000	0.000	0.000	0.000
23.21	26.34	0.000	0.000	26.337	0.000	0.000	0.000	0.000	0.000	0.000
23.71	31.20	0.000	0.000	31.197	0.000	0.000	0.000	0.000	0.000	0.000
24.21	36.06	0.000	0.000	36.056	0.000	0.000	0.000	0.000	0.000	0.000
24.71	40.92	0.000	0.000	40.915	0.000	0.000	0.000	0.000	0.000	0.000
25.21	45.77	0.000	0.000	45.775	0.000	0.000	0.000	0.000	0.000	0.000
25.71	50.63	0.000	0.000	50.634	0.000	0.000	0.000	0.000	0.000	0.000
26.21	55.49	0.000	0.000	55.493	0.000	0.000	0.000	0.000	0.000	0.000
26.71	60.35	0.000	0.000	60.353	0.000	0.000	0.000	0.000	0.000	0.000
27.21	65.21	0.000	0.000	65.212	0.000	0.000	0.000	0.000	0.000	0.000
27.71	70.07	0.000	0.000	70.071	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	18.71	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-102	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	2.78	0.00	0.00	0.00	0.00	0.00	0.00	2.78
PRODUCT	0.00	0.00	0.00	222.44	0.00	0.00	0.00	0.00	0.00	0.00	222.44
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	2.78	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.45	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.65	0.04	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	
20.85	0.21	0.000	0.000	0.213	0.000	0.000	0.000	0.000	0.000	0.000	
21.05	0.53	0.000	0.000	0.526	0.000	0.000	0.000	0.000	0.000	0.000	
21.25	0.98	0.000	0.000	0.978	0.000	0.000	0.000	0.000	0.000	0.000	
21.45	1.53	0.000	0.000	1.529	0.000	0.000	0.000	0.000	0.000	0.000	
21.65	2.09	0.000	0.000	2.085	0.000	0.000	0.000	0.000	0.000	0.000	
21.85	2.64	0.000	0.000	2.641	0.000	0.000	0.000	0.000	0.000	0.000	
22.05	3.20	0.000	0.000	3.198	0.000	0.000	0.000	0.000	0.000	0.000	
22.25	3.75	0.000	0.000	3.754	0.000	0.000	0.000	0.000	0.000	0.000	
22.45	4.31	0.000	0.000	4.310	0.000	0.000	0.000	0.000	0.000	0.000	
22.65	4.87	0.000	0.000	4.866	0.000	0.000	0.000	0.000	0.000	0.000	
22.85	5.42	0.000	0.000	5.422	0.000	0.000	0.000	0.000	0.000	0.000	
23.05	5.98	0.000	0.000	5.978	0.000	0.000	0.000	0.000	0.000	0.000	
23.25	6.53	0.000	0.000	6.534	0.000	0.000	0.000	0.000	0.000	0.000	
23.45	7.09	0.000	0.000	7.090	0.000	0.000	0.000	0.000	0.000	0.000	
23.65	7.65	0.000	0.000	7.646	0.000	0.000	0.000	0.000	0.000	0.000	
23.85	8.20	0.000	0.000	8.202	0.000	0.000	0.000	0.000	0.000	0.000	
24.05	8.76	0.000	0.000	8.758	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.45	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-103	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	8.66	0.00	0.00	0.00	0.00	0.00	0.00	8.66
PRODUCT	0.00	0.00	0.00	692.68	0.00	0.00	0.00	0.00	0.00	0.00	692.68
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	8.66	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.10	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	19.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
18.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.81	0.26	0.000	0.000	0.260	0.000	0.000	0.000	0.000	0.000	0.000
20.31	1.78	0.000	0.000	1.775	0.000	0.000	0.000	0.000	0.000	0.000
20.81	4.64	0.000	0.000	4.643	0.000	0.000	0.000	0.000	0.000	0.000
21.31	8.75	0.000	0.000	8.745	0.000	0.000	0.000	0.000	0.000	0.000
21.81	13.07	0.000	0.000	13.074	0.000	0.000	0.000	0.000	0.000	0.000
22.31	17.40	0.000	0.000	17.403	0.000	0.000	0.000	0.000	0.000	0.000
22.81	21.73	0.000	0.000	21.733	0.000	0.000	0.000	0.000	0.000	0.000
23.31	26.06	0.000	0.000	26.062	0.000	0.000	0.000	0.000	0.000	0.000
23.81	30.39	0.000	0.000	30.391	0.000	0.000	0.000	0.000	0.000	0.000
24.31	34.72	0.000	0.000	34.720	0.000	0.000	0.000	0.000	0.000	0.000
24.81	39.05	0.000	0.000	39.050	0.000	0.000	0.000	0.000	0.000	0.000
25.31	43.38	0.000	0.000	43.379	0.000	0.000	0.000	0.000	0.000	0.000
25.81	47.71	0.000	0.000	47.708	0.000	0.000	0.000	0.000	0.000	0.000
26.31	52.04	0.000	0.000	52.037	0.000	0.000	0.000	0.000	0.000	0.000
26.81	56.37	0.000	0.000	56.366	0.000	0.000	0.000	0.000	0.000	0.000
27.31	60.70	0.000	0.000	60.696	0.000	0.000	0.000	0.000	0.000	0.000
27.81	65.02	0.000	0.000	65.025	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	18.81	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-104	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	8.21	0.00	0.00	0.00	0.00	0.00	0.00	8.21
PRODUCT	0.00	0.00	0.00	657.07	0.00	0.00	0.00	0.00	0.00	0.00	657.07
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	8.21	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.80	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.30	0.12	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	0.000	
20.80	0.88	0.000	0.000	0.876	0.000	0.000	0.000	0.000	0.000	0.000	
21.30	2.31	0.000	0.000	2.313	0.000	0.000	0.000	0.000	0.000	0.000	
21.80	4.44	0.000	0.000	4.435	0.000	0.000	0.000	0.000	0.000	0.000	
22.30	7.24	0.000	0.000	7.241	0.000	0.000	0.000	0.000	0.000	0.000	
22.80	10.73	0.000	0.000	10.732	0.000	0.000	0.000	0.000	0.000	0.000	
23.30	14.78	0.000	0.000	14.784	0.000	0.000	0.000	0.000	0.000	0.000	
23.80	18.89	0.000	0.000	18.891	0.000	0.000	0.000	0.000	0.000	0.000	
24.30	23.00	0.000	0.000	22.997	0.000	0.000	0.000	0.000	0.000	0.000	
24.80	27.10	0.000	0.000	27.104	0.000	0.000	0.000	0.000	0.000	0.000	
25.30	31.21	0.000	0.000	31.211	0.000	0.000	0.000	0.000	0.000	0.000	
25.80	35.32	0.000	0.000	35.317	0.000	0.000	0.000	0.000	0.000	0.000	
26.30	39.42	0.000	0.000	39.424	0.000	0.000	0.000	0.000	0.000	0.000	
26.80	43.53	0.000	0.000	43.531	0.000	0.000	0.000	0.000	0.000	0.000	
27.30	47.64	0.000	0.000	47.637	0.000	0.000	0.000	0.000	0.000	0.000	
27.80	51.74	0.000	0.000	51.744	0.000	0.000	0.000	0.000	0.000	0.000	
28.30	55.85	0.000	0.000	55.851	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	19.30	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-105	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	3.77	0.00	0.00	0.00	0.00	0.00	0.00	3.77
PRODUCT	0.00	0.00	0.00	301.41	0.00	0.00	0.00	0.00	0.00	0.00	301.41
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	22.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.94	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.94	0.23	0.000	0.000	0.228	0.000	0.000	0.000	0.000	0.000	0.000
21.44	1.04	0.000	0.000	1.040	0.000	0.000	0.000	0.000	0.000	0.000
21.94	2.44	0.000	0.000	2.441	0.000	0.000	0.000	0.000	0.000	0.000
22.44	4.30	0.000	0.000	4.295	0.000	0.000	0.000	0.000	0.000	0.000
22.94	6.18	0.000	0.000	6.179	0.000	0.000	0.000	0.000	0.000	0.000
23.44	8.06	0.000	0.000	8.063	0.000	0.000	0.000	0.000	0.000	0.000
23.94	9.95	0.000	0.000	9.947	0.000	0.000	0.000	0.000	0.000	0.000
24.44	11.83	0.000	0.000	11.831	0.000	0.000	0.000	0.000	0.000	0.000
24.94	13.71	0.000	0.000	13.714	0.000	0.000	0.000	0.000	0.000	0.000
25.44	15.60	0.000	0.000	15.598	0.000	0.000	0.000	0.000	0.000	0.000
25.94	17.48	0.000	0.000	17.482	0.000	0.000	0.000	0.000	0.000	0.000
26.44	19.37	0.000	0.000	19.366	0.000	0.000	0.000	0.000	0.000	0.000
26.94	21.25	0.000	0.000	21.250	0.000	0.000	0.000	0.000	0.000	0.000
27.44	23.13	0.000	0.000	23.134	0.000	0.000	0.000	0.000	0.000	0.000
27.94	25.02	0.000	0.000	25.017	0.000	0.000	0.000	0.000	0.000	0.000
28.44	26.90	0.000	0.000	26.901	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	19.44	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-106	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.11	0.00	0.00	0.00	0.00	0.00	0.00	5.11
PRODUCT	0.00	0.00	0.00	408.72	0.00	0.00	0.00	0.00	0.00	0.00	408.72
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	5.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	20.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.80	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.00	0.20	0.000	0.000	0.204	0.000	0.000	0.000	0.000	0.000	0.000	
21.20	0.82	0.000	0.000	0.817	0.000	0.000	0.000	0.000	0.000	0.000	
21.40	1.79	0.000	0.000	1.788	0.000	0.000	0.000	0.000	0.000	0.000	
21.60	2.81	0.000	0.000	2.810	0.000	0.000	0.000	0.000	0.000	0.000	
21.80	3.83	0.000	0.000	3.832	0.000	0.000	0.000	0.000	0.000	0.000	
22.00	4.85	0.000	0.000	4.854	0.000	0.000	0.000	0.000	0.000	0.000	
22.20	5.88	0.000	0.000	5.875	0.000	0.000	0.000	0.000	0.000	0.000	
22.40	6.90	0.000	0.000	6.897	0.000	0.000	0.000	0.000	0.000	0.000	
22.60	7.92	0.000	0.000	7.919	0.000	0.000	0.000	0.000	0.000	0.000	
22.80	8.94	0.000	0.000	8.941	0.000	0.000	0.000	0.000	0.000	0.000	
23.00	9.96	0.000	0.000	9.963	0.000	0.000	0.000	0.000	0.000	0.000	
23.20	10.98	0.000	0.000	10.984	0.000	0.000	0.000	0.000	0.000	0.000	
23.40	12.01	0.000	0.000	12.006	0.000	0.000	0.000	0.000	0.000	0.000	
23.60	13.03	0.000	0.000	13.028	0.000	0.000	0.000	0.000	0.000	0.000	
23.80	14.05	0.000	0.000	14.050	0.000	0.000	0.000	0.000	0.000	0.000	
24.00	15.07	0.000	0.000	15.072	0.000	0.000	0.000	0.000	0.000	0.000	
24.20	16.09	0.000	0.000	16.094	0.000	0.000	0.000	0.000	0.000	0.000	
24.40	17.12	0.000	0.000	17.115	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.80	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-107	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	5.52	0.00	0.00	0.00	0.00	0.00	0.00	5.52
PRODUCT	0.00	0.00	0.00	441.78	0.00	0.00	0.00	0.00	0.00	0.00	441.78
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	5.52	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.80	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	20.36	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.56	0.08	0.000	0.000	0.077	0.000	0.000	0.000	0.000	0.000	0.000
20.76	0.31	0.000	0.000	0.307	0.000	0.000	0.000	0.000	0.000	0.000
20.96	0.69	0.000	0.000	0.690	0.000	0.000	0.000	0.000	0.000	0.000
21.16	1.23	0.000	0.000	1.227	0.000	0.000	0.000	0.000	0.000	0.000
21.36	1.92	0.000	0.000	1.917	0.000	0.000	0.000	0.000	0.000	0.000
21.56	2.76	0.000	0.000	2.761	0.000	0.000	0.000	0.000	0.000	0.000
21.76	3.76	0.000	0.000	3.758	0.000	0.000	0.000	0.000	0.000	0.000
21.96	4.86	0.000	0.000	4.860	0.000	0.000	0.000	0.000	0.000	0.000
22.16	5.96	0.000	0.000	5.964	0.000	0.000	0.000	0.000	0.000	0.000
22.36	7.07	0.000	0.000	7.069	0.000	0.000	0.000	0.000	0.000	0.000
22.56	8.17	0.000	0.000	8.173	0.000	0.000	0.000	0.000	0.000	0.000
22.76	9.28	0.000	0.000	9.277	0.000	0.000	0.000	0.000	0.000	0.000
22.96	10.38	0.000	0.000	10.382	0.000	0.000	0.000	0.000	0.000	0.000
23.16	11.49	0.000	0.000	11.486	0.000	0.000	0.000	0.000	0.000	0.000
23.36	12.59	0.000	0.000	12.591	0.000	0.000	0.000	0.000	0.000	0.000
23.56	13.70	0.000	0.000	13.695	0.000	0.000	0.000	0.000	0.000	0.000
23.76	14.80	0.000	0.000	14.800	0.000	0.000	0.000	0.000	0.000	0.000
23.96	15.90	0.000	0.000	15.904	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.36	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-108	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	6.39	0.00	0.00	0.00	0.00	0.00	0.00	6.39
PRODUCT	0.00	0.00	0.00	510.85	0.00	0.00	0.00	0.00	0.00	0.00	510.85
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	6.39	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.38	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.88	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.38	0.46	0.000	0.000	0.461	0.000	0.000	0.000	0.000	0.000	0.000
21.88	2.47	0.000	0.000	2.472	0.000	0.000	0.000	0.000	0.000	0.000
22.38	5.62	0.000	0.000	5.619	0.000	0.000	0.000	0.000	0.000	0.000
22.88	8.81	0.000	0.000	8.812	0.000	0.000	0.000	0.000	0.000	0.000
23.38	12.00	0.000	0.000	12.005	0.000	0.000	0.000	0.000	0.000	0.000
23.88	15.20	0.000	0.000	15.198	0.000	0.000	0.000	0.000	0.000	0.000
24.38	18.39	0.000	0.000	18.390	0.000	0.000	0.000	0.000	0.000	0.000
24.88	21.58	0.000	0.000	21.583	0.000	0.000	0.000	0.000	0.000	0.000
25.38	24.78	0.000	0.000	24.776	0.000	0.000	0.000	0.000	0.000	0.000
25.88	27.97	0.000	0.000	27.969	0.000	0.000	0.000	0.000	0.000	0.000
26.38	31.16	0.000	0.000	31.162	0.000	0.000	0.000	0.000	0.000	0.000
26.88	34.35	0.000	0.000	34.354	0.000	0.000	0.000	0.000	0.000	0.000
27.38	37.55	0.000	0.000	37.547	0.000	0.000	0.000	0.000	0.000	0.000
27.88	40.74	0.000	0.000	40.740	0.000	0.000	0.000	0.000	0.000	0.000
28.38	43.93	0.000	0.000	43.933	0.000	0.000	0.000	0.000	0.000	0.000
28.88	47.13	0.000	0.000	47.126	0.000	0.000	0.000	0.000	0.000	0.000
29.38	50.32	0.000	0.000	50.318	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	20.38	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-109	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	9.20
PRODUCT	0.00	0.00	0.00	736.28	0.00	0.00	0.00	0.00	0.00	0.00	736.28
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	21.80	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.		0.00	0.00	21.50	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.35	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.55	0.04	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000
21.75	0.96	0.000	0.000	0.959	0.000	0.000	0.000	0.000	0.000	0.000
21.95	2.76	0.000	0.000	2.761	0.000	0.000	0.000	0.000	0.000	0.000
22.15	4.60	0.000	0.000	4.602	0.000	0.000	0.000	0.000	0.000	0.000
22.35	6.44	0.000	0.000	6.442	0.000	0.000	0.000	0.000	0.000	0.000
22.55	8.28	0.000	0.000	8.283	0.000	0.000	0.000	0.000	0.000	0.000
22.75	10.12	0.000	0.000	10.124	0.000	0.000	0.000	0.000	0.000	0.000
22.95	11.96	0.000	0.000	11.965	0.000	0.000	0.000	0.000	0.000	0.000
23.15	13.81	0.000	0.000	13.805	0.000	0.000	0.000	0.000	0.000	0.000
23.35	15.65	0.000	0.000	15.646	0.000	0.000	0.000	0.000	0.000	0.000
23.55	17.49	0.000	0.000	17.487	0.000	0.000	0.000	0.000	0.000	0.000
23.75	19.33	0.000	0.000	19.327	0.000	0.000	0.000	0.000	0.000	0.000
23.95	21.17	0.000	0.000	21.168	0.000	0.000	0.000	0.000	0.000	0.000
24.15	23.01	0.000	0.000	23.009	0.000	0.000	0.000	0.000	0.000	0.000
24.35	24.85	0.000	0.000	24.850	0.000	0.000	0.000	0.000	0.000	0.000
24.55	26.69	0.000	0.000	26.690	0.000	0.000	0.000	0.000	0.000	0.000
24.75	28.53	0.000	0.000	28.531	0.000	0.000	0.000	0.000	0.000	0.000
24.95	30.37	0.000	0.000	30.372	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.35	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-110	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	11.44	0.00	0.00	0.00	0.00	0.00	0.00	11.44
PRODUCT	0.00	0.00	0.00	915.49	0.00	0.00	0.00	0.00	0.00	0.00	915.49
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	11.44	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.20	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.20	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.70	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.20	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.70	1.10	0.000	0.000	1.100	0.000	0.000	0.000	0.000	0.000	0.000	
22.20	4.40	0.000	0.000	4.401	0.000	0.000	0.000	0.000	0.000	0.000	
22.70	9.73	0.000	0.000	9.727	0.000	0.000	0.000	0.000	0.000	0.000	
23.20	15.45	0.000	0.000	15.449	0.000	0.000	0.000	0.000	0.000	0.000	
23.70	21.17	0.000	0.000	21.171	0.000	0.000	0.000	0.000	0.000	0.000	
24.20	26.89	0.000	0.000	26.892	0.000	0.000	0.000	0.000	0.000	0.000	
24.70	32.61	0.000	0.000	32.614	0.000	0.000	0.000	0.000	0.000	0.000	
25.20	38.34	0.000	0.000	38.336	0.000	0.000	0.000	0.000	0.000	0.000	
25.70	44.06	0.000	0.000	44.058	0.000	0.000	0.000	0.000	0.000	0.000	
26.20	49.78	0.000	0.000	49.780	0.000	0.000	0.000	0.000	0.000	0.000	
26.70	55.50	0.000	0.000	55.502	0.000	0.000	0.000	0.000	0.000	0.000	
27.20	61.22	0.000	0.000	61.223	0.000	0.000	0.000	0.000	0.000	0.000	
27.70	66.95	0.000	0.000	66.945	0.000	0.000	0.000	0.000	0.000	0.000	
28.20	72.67	0.000	0.000	72.667	0.000	0.000	0.000	0.000	0.000	0.000	
28.70	78.39	0.000	0.000	78.389	0.000	0.000	0.000	0.000	0.000	0.000	
29.20	84.11	0.000	0.000	84.111	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.20	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-111	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	20.52	0.00	0.00	0.00	0.00	0.00	0.00	20.52
PRODUCT	0.00	0.00	0.00	1641.29	0.00	0.00	0.00	0.00	0.00	0.00	1641.29
COMPOSITE CN											80

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	20.52	0.00	0.00	0.00	0.00	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	21.40	0.00	0.00	0.00	0.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.50	0.06	0.000	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	
22.00	2.31	0.000	0.000	2.308	0.000	0.000	0.000	0.000	0.000	0.000	
22.50	7.76	0.000	0.000	7.758	0.000	0.000	0.000	0.000	0.000	0.000	
23.00	16.41	0.000	0.000	16.413	0.000	0.000	0.000	0.000	0.000	0.000	
23.50	26.67	0.000	0.000	26.671	0.000	0.000	0.000	0.000	0.000	0.000	
24.00	36.93	0.000	0.000	36.929	0.000	0.000	0.000	0.000	0.000	0.000	
24.50	47.19	0.000	0.000	47.187	0.000	0.000	0.000	0.000	0.000	0.000	
25.00	57.45	0.000	0.000	57.445	0.000	0.000	0.000	0.000	0.000	0.000	
25.50	67.70	0.000	0.000	67.703	0.000	0.000	0.000	0.000	0.000	0.000	
26.00	77.96	0.000	0.000	77.961	0.000	0.000	0.000	0.000	0.000	0.000	
26.50	88.22	0.000	0.000	88.219	0.000	0.000	0.000	0.000	0.000	0.000	
27.00	98.48	0.000	0.000	98.477	0.000	0.000	0.000	0.000	0.000	0.000	
27.50	108.74	0.000	0.000	108.735	0.000	0.000	0.000	0.000	0.000	0.000	
28.00	118.99	0.000	0.000	118.993	0.000	0.000	0.000	0.000	0.000	0.000	
28.50	129.25	0.000	0.000	129.251	0.000	0.000	0.000	0.000	0.000	0.000	
29.00	139.51	0.000	0.000	139.510	0.000	0.000	0.000	0.000	0.000	0.000	
STAGE START:	20.00	STAGE STEP:	0.5								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-112	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	1.49
PRODUCT	0.00	0.00	0.00	118.91	0.00	0.00	0.00	0.00	0.00	0.00	118.91
COMPOSITE CN											80

STAGE STORAGE TABLE										
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG HIGH ELEV.	0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVG LOW ELEV.	0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.75	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.95	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.15	0.02	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000
22.35	0.09	0.000	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.000
22.55	0.22	0.000	0.000	0.225	0.000	0.000	0.000	0.000	0.000	0.000
22.75	0.42	0.000	0.000	0.418	0.000	0.000	0.000	0.000	0.000	0.000
22.95	0.67	0.000	0.000	0.671	0.000	0.000	0.000	0.000	0.000	0.000
23.15	0.97	0.000	0.000	0.966	0.000	0.000	0.000	0.000	0.000	0.000
23.35	1.26	0.000	0.000	1.263	0.000	0.000	0.000	0.000	0.000	0.000
23.55	1.56	0.000	0.000	1.561	0.000	0.000	0.000	0.000	0.000	0.000
23.75	1.86	0.000	0.000	1.858	0.000	0.000	0.000	0.000	0.000	0.000
23.95	2.16	0.000	0.000	2.155	0.000	0.000	0.000	0.000	0.000	0.000
24.15	2.45	0.000	0.000	2.453	0.000	0.000	0.000	0.000	0.000	0.000
24.35	2.75	0.000	0.000	2.750	0.000	0.000	0.000	0.000	0.000	0.000
24.55	3.05	0.000	0.000	3.047	0.000	0.000	0.000	0.000	0.000	0.000
24.75	3.34	0.000	0.000	3.344	0.000	0.000	0.000	0.000	0.000	0.000
24.95	3.64	0.000	0.000	3.642	0.000	0.000	0.000	0.000	0.000	0.000
25.15	3.94	0.000	0.000	3.939	0.000	0.000	0.000	0.000	0.000	0.000
25.35	4.24	0.000	0.000	4.236	0.000	0.000	0.000	0.000	0.000	0.000
STAGE START:	21.75	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-115	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	1294.87	0.00	0.00	23.61	53.52	0.00	0.00	1372.00
PRODUCT	0.00	0.00	0.00	103589.60	0.00	0.00	1888.80	5352.00	0.00	0.00	110830.40
COMPOSITE CN											81

STAGE STORAGE TABLE												
USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.			
STORAGE TYPE	L	V	L	L	V	L	V	L	V			
AREA (AC)	0.00	0.00	1294.87	0.00	0.00	23.61	53.52	0.00	0.00			
AVG HIGH ELEV.	0.00	0.00	24.00	0.00	0.00	24.00	21.20	0.00	0.00			
AVG LOW ELEV.	0.00	0.00	22.20	0.00	0.00	21.20	21.20	0.00	0.00			
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
21.12	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.42	11.98	0.000	0.000	0.000	0.000	0.000	0.204	11.774	0.000	0.000		
21.72	28.97	0.000	0.000	0.000	0.000	0.000	1.140	27.830	0.000	0.000		
22.02	46.72	0.000	0.000	0.000	0.000	0.000	2.835	43.886	0.000	0.000		
22.32	70.41	0.000	0.000	5.179	0.000	0.000	5.289	59.942	0.000	0.000		
22.62	147.95	0.000	0.000	63.449	0.000	0.000	8.501	75.998	0.000	0.000		
22.92	290.99	0.000	0.000	186.461	0.000	0.000	12.473	92.054	0.000	0.000		
23.22	499.53	0.000	0.000	374.217	0.000	0.000	17.203	108.110	0.000	0.000		
23.52	773.58	0.000	0.000	626.717	0.000	0.000	22.693	124.166	0.000	0.000		
23.82	1113.12	0.000	0.000	943.960	0.000	0.000	28.941	140.222	0.000	0.000		
24.12	1512.93	0.000	0.000	1320.767	0.000	0.000	35.887	156.278	0.000	0.000		
24.42	1924.53	0.000	0.000	1709.228	0.000	0.000	42.970	172.334	0.000	0.000		
24.72	2336.13	0.000	0.000	2097.689	0.000	0.000	50.053	188.390	0.000	0.000		
25.02	2747.73	0.000	0.000	2486.150	0.000	0.000	57.136	204.446	0.000	0.000		
25.32	3159.33	0.000	0.000	2874.611	0.000	0.000	64.219	220.502	0.000	0.000		
25.62	3570.93	0.000	0.000	3263.072	0.000	0.000	71.302	236.558	0.000	0.000		
25.92	3982.53	0.000	0.000	3651.533	0.000	0.000	78.385	252.614	0.000	0.000		
26.22	4394.13	0.000	0.000	4039.994	0.000	0.000	85.468	268.670	0.000	0.000		
26.52	4805.73	0.000	0.000	4428.455	0.000	0.000	92.551	284.726	0.000	0.000		
STAGE START:	21.12	STAGE STEP:	0.3									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	B-116	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	80	100	80	100	-
AREA (AC)	0.00	0.00	0.00	263.82	0.00	0.00	2.00	6.18	0.00	0.00	272.00
PRODUCT	0.00	0.00	0.00	21105.60	0.00	0.00	160.00	618.00	0.00	0.00	21883.60
COMPOSITE CN											80

STAGE STORAGE TABLE

USE	PAVEMENT	WETLAND	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	263.82	0.00	0.00	2.00	6.18	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	23.00	0.00	0.00	24.00	21.20	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	22.00	0.00	0.00	21.20	21.20	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.98	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.48	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.98	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.48	1.76	0.000	0.000	0.000	0.000	0.000	0.028	1.730	0.000	
21.98	5.04	0.000	0.000	0.000	0.000	0.000	0.217	4.820	0.000	
22.48	38.89	0.000	0.000	30.392	0.000	0.000	0.585	7.910	0.000	
22.98	138.82	0.000	0.000	126.686	0.000	0.000	1.132	11.000	0.000	
23.48	274.49	0.000	0.000	258.544	0.000	0.000	1.857	14.090	0.000	
23.98	410.39	0.000	0.000	390.454	0.000	0.000	2.760	17.180	0.000	
24.48	546.39	0.000	0.000	522.364	0.000	0.000	3.760	20.270	0.000	
24.98	682.39	0.000	0.000	654.274	0.000	0.000	4.760	23.360	0.000	
25.48	818.39	0.000	0.000	786.184	0.000	0.000	5.760	26.450	0.000	
25.98	954.39	0.000	0.000	918.094	0.000	0.000	6.760	29.540	0.000	
26.48	1090.39	0.000	0.000	1050.004	0.000	0.000	7.760	32.630	0.000	
26.98	1226.39	0.000	0.000	1181.914	0.000	0.000	8.760	35.720	0.000	
27.48	1362.39	0.000	0.000	1313.824	0.000	0.000	9.760	38.810	0.000	
27.98	1498.39	0.000	0.000	1445.734	0.000	0.000	10.760	41.900	0.000	
28.48	1634.39	0.000	0.000	1577.644	0.000	0.000	11.760	44.990	0.000	
28.98	1770.39	0.000	0.000	1709.554	0.000	0.000	12.760	48.080	0.000	
STAGE START:	19.98	STAGE STEP:	0.5							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-01	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.37	0.00	0.00	1.19
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	82.00	36.96	0.00	0.00	118.95
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.			
STORAGE TYPE	L	V	L	L	V	L	V	L	V			
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.82	0.37	0.00	0.00			
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	22.50	21.44	0.00	0.00			
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	21.44	21.44	0.00	0.00			
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
21.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.64	0.09	0.000	0.000	0.000	0.000	0.000	0.015	0.074	0.000	0.000		
21.84	0.21	0.000	0.000	0.000	0.000	0.000	0.062	0.148	0.000	0.000		
22.04	0.36	0.000	0.000	0.000	0.000	0.000	0.139	0.222	0.000	0.000		
22.24	0.54	0.000	0.000	0.000	0.000	0.000	0.248	0.296	0.000	0.000		
22.44	0.76	0.000	0.000	0.000	0.000	0.000	0.387	0.370	0.000	0.000		
22.64	0.99	0.000	0.000	0.000	0.000	0.000	0.549	0.443	0.000	0.000		
22.84	1.23	0.000	0.000	0.000	0.000	0.000	0.713	0.517	0.000	0.000		
23.04	1.47	0.000	0.000	0.000	0.000	0.000	0.877	0.591	0.000	0.000		
23.24	1.71	0.000	0.000	0.000	0.000	0.000	1.041	0.665	0.000	0.000		
23.44	1.94	0.000	0.000	0.000	0.000	0.000	1.205	0.739	0.000	0.000		
23.64	2.18	0.000	0.000	0.000	0.000	0.000	1.369	0.813	0.000	0.000		
23.84	2.42	0.000	0.000	0.000	0.000	0.000	1.533	0.887	0.000	0.000		
24.04	2.66	0.000	0.000	0.000	0.000	0.000	1.697	0.961	0.000	0.000		
24.24	2.90	0.000	0.000	0.000	0.000	0.000	1.861	1.035	0.000	0.000		
24.44	3.13	0.000	0.000	0.000	0.000	0.000	2.025	1.109	0.000	0.000		
24.64	3.37	0.000	0.000	0.000	0.000	0.000	2.189	1.183	0.000	0.000		
24.84	3.61	0.000	0.000	0.000	0.000	0.000	2.353	1.257	0.000	0.000		
25.04	3.85	0.000	0.000	0.000	0.000	0.000	2.517	1.330	0.000	0.000		
STAGE START:	21.44	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-02	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.83	6.82	0.00	0.00	9.65
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	283.18	681.69	0.00	0.00	964.87
COMPOSITE CN											100

STAGE STORAGE TABLE

USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.83	6.82	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.00	21.81	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.81	21.81	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.01	1.41	0.000	0.000	0.000	0.000	0.000	0.048	1.363	0.000	0.000
22.21	2.92	0.000	0.000	0.000	0.000	0.000	0.190	2.727	0.000	0.000
22.41	4.52	0.000	0.000	0.000	0.000	0.000	0.428	4.090	0.000	0.000
22.61	6.22	0.000	0.000	0.000	0.000	0.000	0.761	5.454	0.000	0.000
22.81	8.01	0.000	0.000	0.000	0.000	0.000	1.190	6.817	0.000	0.000
23.01	9.89	0.000	0.000	0.000	0.000	0.000	1.713	8.180	0.000	0.000
23.21	11.82	0.000	0.000	0.000	0.000	0.000	2.280	9.544	0.000	0.000
23.41	13.75	0.000	0.000	0.000	0.000	0.000	2.846	10.907	0.000	0.000
23.61	15.68	0.000	0.000	0.000	0.000	0.000	3.412	12.270	0.000	0.000
23.81	17.61	0.000	0.000	0.000	0.000	0.000	3.979	13.634	0.000	0.000
24.01	19.54	0.000	0.000	0.000	0.000	0.000	4.545	14.997	0.000	0.000
24.21	21.47	0.000	0.000	0.000	0.000	0.000	5.111	16.361	0.000	0.000
24.41	23.40	0.000	0.000	0.000	0.000	0.000	5.678	17.724	0.000	0.000
24.61	25.33	0.000	0.000	0.000	0.000	0.000	6.244	19.087	0.000	0.000
24.81	27.26	0.000	0.000	0.000	0.000	0.000	6.810	20.451	0.000	0.000
25.01	29.19	0.000	0.000	0.000	0.000	0.000	7.377	21.814	0.000	0.000
25.21	31.12	0.000	0.000	0.000	0.000	0.000	7.943	23.178	0.000	0.000
25.41	33.05	0.000	0.000	0.000	0.000	0.000	8.509	24.541	0.000	0.000
STAGE START:	21.81	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-03	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.45	0.00	0.00	1.23
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	78.07	45.30	0.00	0.00	123.37
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.78	0.45	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.00	22.70	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.70	22.70	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
22.70	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
22.90	0.14	0.000	0.000	0.000	0.000	0.000	0.052	0.091	0.000	0.000		
23.10	0.38	0.000	0.000	0.000	0.000	0.000	0.195	0.181	0.000	0.000		
23.30	0.62	0.000	0.000	0.000	0.000	0.000	0.351	0.272	0.000	0.000		
23.50	0.87	0.000	0.000	0.000	0.000	0.000	0.507	0.362	0.000	0.000		
23.70	1.12	0.000	0.000	0.000	0.000	0.000	0.664	0.453	0.000	0.000		
23.90	1.36	0.000	0.000	0.000	0.000	0.000	0.820	0.544	0.000	0.000		
24.10	1.61	0.000	0.000	0.000	0.000	0.000	0.976	0.634	0.000	0.000		
24.30	1.86	0.000	0.000	0.000	0.000	0.000	1.132	0.725	0.000	0.000		
24.50	2.10	0.000	0.000	0.000	0.000	0.000	1.288	0.815	0.000	0.000		
24.70	2.35	0.000	0.000	0.000	0.000	0.000	1.444	0.906	0.000	0.000		
24.90	2.60	0.000	0.000	0.000	0.000	0.000	1.600	0.997	0.000	0.000		
25.10	2.84	0.000	0.000	0.000	0.000	0.000	1.757	1.087	0.000	0.000		
25.30	3.09	0.000	0.000	0.000	0.000	0.000	1.913	1.178	0.000	0.000		
25.50	3.34	0.000	0.000	0.000	0.000	0.000	2.069	1.268	0.000	0.000		
25.70	3.58	0.000	0.000	0.000	0.000	0.000	2.225	1.359	0.000	0.000		
25.90	3.83	0.000	0.000	0.000	0.000	0.000	2.381	1.450	0.000	0.000		
26.10	4.08	0.000	0.000	0.000	0.000	0.000	2.537	1.540	0.000	0.000		
26.30	4.32	0.000	0.000	0.000	0.000	0.000	2.693	1.631	0.000	0.000		
STAGE START:	22.70	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-06	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	5.13	7.83	0.00	0.00	12.95
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	512.72	782.61	0.00	0.00	1295.33
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	5.13	7.83	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.00	22.56	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.56	22.56	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
22.56	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
22.76	1.80	0.000	0.000	0.000	0.000	0.000	0.233	1.565	0.000	0.000		
22.96	4.06	0.000	0.000	0.000	0.000	0.000	0.932	3.130	0.000	0.000		
23.16	6.64	0.000	0.000	0.000	0.000	0.000	1.948	4.696	0.000	0.000		
23.36	9.23	0.000	0.000	0.000	0.000	0.000	2.974	6.261	0.000	0.000		
23.56	11.83	0.000	0.000	0.000	0.000	0.000	3.999	7.826	0.000	0.000		
23.76	14.42	0.000	0.000	0.000	0.000	0.000	5.025	9.391	0.000	0.000		
23.96	17.01	0.000	0.000	0.000	0.000	0.000	6.050	10.957	0.000	0.000		
24.16	19.60	0.000	0.000	0.000	0.000	0.000	7.076	12.522	0.000	0.000		
24.36	22.19	0.000	0.000	0.000	0.000	0.000	8.101	14.087	0.000	0.000		
24.56	24.78	0.000	0.000	0.000	0.000	0.000	9.126	15.652	0.000	0.000		
24.76	27.37	0.000	0.000	0.000	0.000	0.000	10.152	17.217	0.000	0.000		
24.96	29.96	0.000	0.000	0.000	0.000	0.000	11.177	18.783	0.000	0.000		
25.16	32.55	0.000	0.000	0.000	0.000	0.000	12.203	20.348	0.000	0.000		
25.36	35.14	0.000	0.000	0.000	0.000	0.000	13.228	21.913	0.000	0.000		
25.56	37.73	0.000	0.000	0.000	0.000	0.000	14.254	23.478	0.000	0.000		
25.76	40.32	0.000	0.000	0.000	0.000	0.000	15.279	25.044	0.000	0.000		
25.96	42.91	0.000	0.000	0.000	0.000	0.000	16.304	26.609	0.000	0.000		
26.16	45.50	0.000	0.000	0.000	0.000	0.000	17.330	28.174	0.000	0.000		
STAGE START:	22.56	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-07	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.46	0.00	0.00	1.27
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	80.94	46.30	0.00	0.00	127.24
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.81	0.46	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.00	21.87	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.87	21.87	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.07	0.11	0.000	0.000	0.000	0.000	0.000	0.014	0.093	0.000	0.000	
22.27	0.24	0.000	0.000	0.000	0.000	0.000	0.057	0.185	0.000	0.000	
22.47	0.41	0.000	0.000	0.000	0.000	0.000	0.129	0.278	0.000	0.000	
22.67	0.60	0.000	0.000	0.000	0.000	0.000	0.229	0.370	0.000	0.000	
22.87	0.82	0.000	0.000	0.000	0.000	0.000	0.358	0.463	0.000	0.000	
23.07	1.07	0.000	0.000	0.000	0.000	0.000	0.514	0.556	0.000	0.000	
23.27	1.32	0.000	0.000	0.000	0.000	0.000	0.676	0.648	0.000	0.000	
23.47	1.58	0.000	0.000	0.000	0.000	0.000	0.838	0.741	0.000	0.000	
23.67	1.83	0.000	0.000	0.000	0.000	0.000	1.000	0.833	0.000	0.000	
23.87	2.09	0.000	0.000	0.000	0.000	0.000	1.162	0.926	0.000	0.000	
24.07	2.34	0.000	0.000	0.000	0.000	0.000	1.323	1.019	0.000	0.000	
24.27	2.60	0.000	0.000	0.000	0.000	0.000	1.485	1.111	0.000	0.000	
24.47	2.85	0.000	0.000	0.000	0.000	0.000	1.647	1.204	0.000	0.000	
24.67	3.11	0.000	0.000	0.000	0.000	0.000	1.809	1.296	0.000	0.000	
24.87	3.36	0.000	0.000	0.000	0.000	0.000	1.971	1.389	0.000	0.000	
25.07	3.61	0.000	0.000	0.000	0.000	0.000	2.133	1.482	0.000	0.000	
25.27	3.87	0.000	0.000	0.000	0.000	0.000	2.295	1.574	0.000	0.000	
25.47	4.12	0.000	0.000	0.000	0.000	0.000	2.457	1.667	0.000	0.000	
STAGE START:	21.87	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-08	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.31	5.96	0.00	0.00	9.27
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	331.39	595.84	0.00	0.00	927.23
COMPOSITE CN											100

STAGE STORAGE TABLE

USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.31	5.96	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	22.25	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.25	22.25	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.45	1.31	0.000	0.000	0.000	0.000	0.000	0.121	1.192	0.000	0.000
22.65	2.87	0.000	0.000	0.000	0.000	0.000	0.482	2.383	0.000	0.000
22.85	4.65	0.000	0.000	0.000	0.000	0.000	1.077	3.575	0.000	0.000
23.05	6.51	0.000	0.000	0.000	0.000	0.000	1.740	4.767	0.000	0.000
23.25	8.36	0.000	0.000	0.000	0.000	0.000	2.403	5.958	0.000	0.000
23.45	10.22	0.000	0.000	0.000	0.000	0.000	3.065	7.150	0.000	0.000
23.65	12.07	0.000	0.000	0.000	0.000	0.000	3.728	8.342	0.000	0.000
23.85	13.92	0.000	0.000	0.000	0.000	0.000	4.391	9.533	0.000	0.000
24.05	15.78	0.000	0.000	0.000	0.000	0.000	5.054	10.725	0.000	0.000
24.25	17.63	0.000	0.000	0.000	0.000	0.000	5.717	11.917	0.000	0.000
24.45	19.49	0.000	0.000	0.000	0.000	0.000	6.379	13.108	0.000	0.000
24.65	21.34	0.000	0.000	0.000	0.000	0.000	7.042	14.300	0.000	0.000
24.85	23.20	0.000	0.000	0.000	0.000	0.000	7.705	15.492	0.000	0.000
25.05	25.05	0.000	0.000	0.000	0.000	0.000	8.368	16.684	0.000	0.000
25.25	26.91	0.000	0.000	0.000	0.000	0.000	9.030	17.875	0.000	0.000
25.45	28.76	0.000	0.000	0.000	0.000	0.000	9.693	19.067	0.000	0.000
25.65	30.61	0.000	0.000	0.000	0.000	0.000	10.356	20.259	0.000	0.000
25.85	32.47	0.000	0.000	0.000	0.000	0.000	11.019	21.450	0.000	0.000
STAGE START:	22.25	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES						
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC
BASIN NAME:	BWL-09	BASIN ANALYSIS:	PRE-DEVELOPMENT		KIMLEY-HORN AND ASSOCIATES, INC	

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.10	0.00	0.00	0.64
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	54.17	9.79	0.00	0.00	63.96
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.54	0.10	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.20	21.74	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.74	21.74	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.94	0.04	0.000	0.000	0.000	0.000	0.000	0.024	0.020	0.000	0.000
22.14	0.13	0.000	0.000	0.000	0.000	0.000	0.094	0.039	0.000	0.000
22.34	0.26	0.000	0.000	0.000	0.000	0.000	0.200	0.059	0.000	0.000
22.54	0.39	0.000	0.000	0.000	0.000	0.000	0.309	0.078	0.000	0.000
22.74	0.51	0.000	0.000	0.000	0.000	0.000	0.417	0.098	0.000	0.000
22.94	0.64	0.000	0.000	0.000	0.000	0.000	0.525	0.117	0.000	0.000
23.14	0.77	0.000	0.000	0.000	0.000	0.000	0.634	0.137	0.000	0.000
23.34	0.90	0.000	0.000	0.000	0.000	0.000	0.742	0.157	0.000	0.000
23.54	1.03	0.000	0.000	0.000	0.000	0.000	0.850	0.176	0.000	0.000
23.74	1.15	0.000	0.000	0.000	0.000	0.000	0.959	0.196	0.000	0.000
23.94	1.28	0.000	0.000	0.000	0.000	0.000	1.067	0.215	0.000	0.000
24.14	1.41	0.000	0.000	0.000	0.000	0.000	1.175	0.235	0.000	0.000
24.34	1.54	0.000	0.000	0.000	0.000	0.000	1.284	0.255	0.000	0.000
24.54	1.67	0.000	0.000	0.000	0.000	0.000	1.392	0.274	0.000	0.000
24.74	1.79	0.000	0.000	0.000	0.000	0.000	1.500	0.294	0.000	0.000
24.94	1.92	0.000	0.000	0.000	0.000	0.000	1.609	0.313	0.000	0.000
25.14	2.05	0.000	0.000	0.000	0.000	0.000	1.717	0.333	0.000	0.000
25.34	2.18	0.000	0.000	0.000	0.000	0.000	1.825	0.352	0.000	0.000
STAGE START:	21.74	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-10	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	4.09	6.64	0.00	0.00	10.73
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	408.66	663.91	0.00	0.00	1072.57
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	4.09	6.64	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.20	22.24	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.24	22.24	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.24	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.44	1.41	0.000	0.000	0.000	0.000	0.000	0.085	1.328	0.000	0.000	
22.64	3.00	0.000	0.000	0.000	0.000	0.000	0.341	2.656	0.000	0.000	
22.84	4.75	0.000	0.000	0.000	0.000	0.000	0.766	3.983	0.000	0.000	
23.04	6.67	0.000	0.000	0.000	0.000	0.000	1.362	5.311	0.000	0.000	
23.24	8.76	0.000	0.000	0.000	0.000	0.000	2.125	6.639	0.000	0.000	
23.44	10.91	0.000	0.000	0.000	0.000	0.000	2.942	7.967	0.000	0.000	
23.64	13.05	0.000	0.000	0.000	0.000	0.000	3.760	9.295	0.000	0.000	
23.84	15.20	0.000	0.000	0.000	0.000	0.000	4.577	10.623	0.000	0.000	
24.04	17.34	0.000	0.000	0.000	0.000	0.000	5.394	11.950	0.000	0.000	
24.24	19.49	0.000	0.000	0.000	0.000	0.000	6.212	13.278	0.000	0.000	
24.44	21.63	0.000	0.000	0.000	0.000	0.000	7.029	14.606	0.000	0.000	
24.64	23.78	0.000	0.000	0.000	0.000	0.000	7.846	15.934	0.000	0.000	
24.84	25.93	0.000	0.000	0.000	0.000	0.000	8.664	17.262	0.000	0.000	
25.04	28.07	0.000	0.000	0.000	0.000	0.000	9.481	18.589	0.000	0.000	
25.24	30.22	0.000	0.000	0.000	0.000	0.000	10.298	19.917	0.000	0.000	
25.44	32.36	0.000	0.000	0.000	0.000	0.000	11.115	21.245	0.000	0.000	
25.64	34.51	0.000	0.000	0.000	0.000	0.000	11.933	22.573	0.000	0.000	
25.84	36.65	0.000	0.000	0.000	0.000	0.000	12.750	23.901	0.000	0.000	
STAGE START:	22.24	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-11	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.54	2.62	0.00	0.00	5.16
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	254.43	261.71	0.00	0.00	516.14
COMPOSITE CN											100

STAGE STORAGE TABLE

USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.54	2.62	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.20	21.65	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.65	21.65	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.45	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.65	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.85	0.56	0.000	0.000	0.000	0.000	0.000	0.033	0.523	0.000	0.000
22.05	1.18	0.000	0.000	0.000	0.000	0.000	0.131	1.047	0.000	0.000
22.25	1.87	0.000	0.000	0.000	0.000	0.000	0.295	1.570	0.000	0.000
22.45	2.62	0.000	0.000	0.000	0.000	0.000	0.525	2.094	0.000	0.000
22.65	3.44	0.000	0.000	0.000	0.000	0.000	0.821	2.617	0.000	0.000
22.85	4.32	0.000	0.000	0.000	0.000	0.000	1.182	3.141	0.000	0.000
23.05	5.27	0.000	0.000	0.000	0.000	0.000	1.609	3.664	0.000	0.000
23.25	6.29	0.000	0.000	0.000	0.000	0.000	2.099	4.187	0.000	0.000
23.45	7.32	0.000	0.000	0.000	0.000	0.000	2.608	4.711	0.000	0.000
23.65	8.35	0.000	0.000	0.000	0.000	0.000	3.117	5.234	0.000	0.000
23.85	9.38	0.000	0.000	0.000	0.000	0.000	3.626	5.758	0.000	0.000
24.05	10.42	0.000	0.000	0.000	0.000	0.000	4.134	6.281	0.000	0.000
24.25	11.45	0.000	0.000	0.000	0.000	0.000	4.643	6.805	0.000	0.000
24.45	12.48	0.000	0.000	0.000	0.000	0.000	5.152	7.328	0.000	0.000
24.65	13.51	0.000	0.000	0.000	0.000	0.000	5.661	7.851	0.000	0.000
24.85	14.54	0.000	0.000	0.000	0.000	0.000	6.170	8.375	0.000	0.000
STAGE START:	21.25	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-12	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.57	2.47	0.00	0.00	4.04
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	157.21	246.71	0.00	0.00	403.91
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.57	2.47	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.30	22.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.02	22.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.65	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.85	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.05	0.07	0.000	0.000	0.000	0.000	0.000	0.001	0.074	0.000	0.000	
22.25	0.60	0.000	0.000	0.000	0.000	0.000	0.032	0.567	0.000	0.000	
22.45	1.17	0.000	0.000	0.000	0.000	0.000	0.114	1.061	0.000	0.000	
22.65	1.80	0.000	0.000	0.000	0.000	0.000	0.244	1.554	0.000	0.000	
22.85	2.47	0.000	0.000	0.000	0.000	0.000	0.423	2.048	0.000	0.000	
23.05	3.19	0.000	0.000	0.000	0.000	0.000	0.651	2.541	0.000	0.000	
23.25	3.96	0.000	0.000	0.000	0.000	0.000	0.929	3.034	0.000	0.000	
23.45	4.77	0.000	0.000	0.000	0.000	0.000	1.242	3.528	0.000	0.000	
23.65	5.58	0.000	0.000	0.000	0.000	0.000	1.556	4.021	0.000	0.000	
23.85	6.39	0.000	0.000	0.000	0.000	0.000	1.871	4.515	0.000	0.000	
24.05	7.19	0.000	0.000	0.000	0.000	0.000	2.185	5.008	0.000	0.000	
24.25	8.00	0.000	0.000	0.000	0.000	0.000	2.500	5.502	0.000	0.000	
24.45	8.81	0.000	0.000	0.000	0.000	0.000	2.814	5.995	0.000	0.000	
24.65	9.62	0.000	0.000	0.000	0.000	0.000	3.128	6.488	0.000	0.000	
24.85	10.42	0.000	0.000	0.000	0.000	0.000	3.443	6.982	0.000	0.000	
25.05	11.23	0.000	0.000	0.000	0.000	0.000	3.757	7.475	0.000	0.000	
25.25	12.04	0.000	0.000	0.000	0.000	0.000	4.072	7.969	0.000	0.000	
STAGE START:	21.65	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-13	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.83	0.00	0.00	3.27
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	144.05	183.23	0.00	0.00	327.28
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.44	1.83	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.20	22.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.02	22.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.22	0.39	0.000	0.000	0.000	0.000	0.000	0.024	0.366	0.000	0.000	
22.42	0.83	0.000	0.000	0.000	0.000	0.000	0.098	0.733	0.000	0.000	
22.62	1.32	0.000	0.000	0.000	0.000	0.000	0.220	1.099	0.000	0.000	
22.82	1.86	0.000	0.000	0.000	0.000	0.000	0.391	1.466	0.000	0.000	
23.02	2.44	0.000	0.000	0.000	0.000	0.000	0.610	1.832	0.000	0.000	
23.22	3.08	0.000	0.000	0.000	0.000	0.000	0.879	2.199	0.000	0.000	
23.42	3.73	0.000	0.000	0.000	0.000	0.000	1.167	2.565	0.000	0.000	
23.62	4.39	0.000	0.000	0.000	0.000	0.000	1.455	2.932	0.000	0.000	
23.82	5.04	0.000	0.000	0.000	0.000	0.000	1.743	3.298	0.000	0.000	
24.02	5.70	0.000	0.000	0.000	0.000	0.000	2.031	3.665	0.000	0.000	
24.22	6.35	0.000	0.000	0.000	0.000	0.000	2.319	4.031	0.000	0.000	
24.42	7.00	0.000	0.000	0.000	0.000	0.000	2.607	4.397	0.000	0.000	
24.62	7.66	0.000	0.000	0.000	0.000	0.000	2.895	4.764	0.000	0.000	
24.82	8.31	0.000	0.000	0.000	0.000	0.000	3.183	5.130	0.000	0.000	
25.02	8.97	0.000	0.000	0.000	0.000	0.000	3.472	5.497	0.000	0.000	
25.22	9.62	0.000	0.000	0.000	0.000	0.000	3.760	5.863	0.000	0.000	
25.42	10.28	0.000	0.000	0.000	0.000	0.000	4.048	6.230	0.000	0.000	
25.62	10.93	0.000	0.000	0.000	0.000	0.000	4.336	6.596	0.000	0.000	
STAGE START:	22.02	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-14	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.16	6.78	0.00	0.00	9.94
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	316.21	677.61	0.00	0.00	993.82
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.16	6.78	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.60	21.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.02	21.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.22	1.38	0.000	0.000	0.000	0.000	0.000	0.025	1.355	0.000	0.000	
21.42	2.81	0.000	0.000	0.000	0.000	0.000	0.098	2.710	0.000	0.000	
21.62	4.29	0.000	0.000	0.000	0.000	0.000	0.221	4.066	0.000	0.000	
21.82	5.81	0.000	0.000	0.000	0.000	0.000	0.392	5.421	0.000	0.000	
22.02	7.39	0.000	0.000	0.000	0.000	0.000	0.613	6.776	0.000	0.000	
22.22	9.01	0.000	0.000	0.000	0.000	0.000	0.882	8.131	0.000	0.000	
22.42	10.69	0.000	0.000	0.000	0.000	0.000	1.201	9.487	0.000	0.000	
22.62	12.41	0.000	0.000	0.000	0.000	0.000	1.569	10.842	0.000	0.000	
22.82	14.18	0.000	0.000	0.000	0.000	0.000	1.986	12.197	0.000	0.000	
23.02	16.00	0.000	0.000	0.000	0.000	0.000	2.451	13.552	0.000	0.000	
23.22	17.87	0.000	0.000	0.000	0.000	0.000	2.966	14.907	0.000	0.000	
23.42	19.79	0.000	0.000	0.000	0.000	0.000	3.530	16.263	0.000	0.000	
23.62	21.76	0.000	0.000	0.000	0.000	0.000	4.142	17.618	0.000	0.000	
23.82	23.75	0.000	0.000	0.000	0.000	0.000	4.775	18.973	0.000	0.000	
24.02	25.74	0.000	0.000	0.000	0.000	0.000	5.407	20.328	0.000	0.000	
24.22	27.72	0.000	0.000	0.000	0.000	0.000	6.040	21.683	0.000	0.000	
24.42	29.71	0.000	0.000	0.000	0.000	0.000	6.672	23.039	0.000	0.000	
24.62	31.70	0.000	0.000	0.000	0.000	0.000	7.305	24.394	0.000	0.000	
STAGE START:	21.02	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-15	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.09	3.31	0.00	0.00	5.40
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	208.86	331.15	0.00	0.00	540.01
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.09	3.31	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.46	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.46	20.46	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.11	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.51	0.17	0.000	0.000	0.000	0.000	0.000	0.005	0.166	0.000	0.000	
20.71	0.95	0.000	0.000	0.000	0.000	0.000	0.121	0.828	0.000	0.000	
20.91	1.88	0.000	0.000	0.000	0.000	0.000	0.392	1.490	0.000	0.000	
21.11	2.95	0.000	0.000	0.000	0.000	0.000	0.794	2.152	0.000	0.000	
21.31	4.03	0.000	0.000	0.000	0.000	0.000	1.211	2.815	0.000	0.000	
21.51	5.11	0.000	0.000	0.000	0.000	0.000	1.629	3.477	0.000	0.000	
21.71	6.19	0.000	0.000	0.000	0.000	0.000	2.047	4.139	0.000	0.000	
21.91	7.27	0.000	0.000	0.000	0.000	0.000	2.465	4.802	0.000	0.000	
22.11	8.35	0.000	0.000	0.000	0.000	0.000	2.882	5.464	0.000	0.000	
22.31	9.43	0.000	0.000	0.000	0.000	0.000	3.300	6.126	0.000	0.000	
22.51	10.51	0.000	0.000	0.000	0.000	0.000	3.718	6.789	0.000	0.000	
22.71	11.59	0.000	0.000	0.000	0.000	0.000	4.135	7.451	0.000	0.000	
22.91	12.67	0.000	0.000	0.000	0.000	0.000	4.553	8.113	0.000	0.000	
23.11	13.75	0.000	0.000	0.000	0.000	0.000	4.971	8.776	0.000	0.000	
23.31	14.83	0.000	0.000	0.000	0.000	0.000	5.389	9.438	0.000	0.000	
23.51	15.91	0.000	0.000	0.000	0.000	0.000	5.806	10.100	0.000	0.000	
23.71	16.99	0.000	0.000	0.000	0.000	0.000	6.224	10.762	0.000	0.000	
STAGE START:	20.11	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-16	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.61	7.51	0.00	0.00	10.12
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	261.01	750.71	0.00	0.00	1011.71
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	0.00	0.00	0.00	2.61	7.51	0.00	0.00		
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	21.30	20.46	0.00	0.00		
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	20.46	20.46	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.66	1.56	0.000	0.000	0.000	0.000	0.000	0.062	1.501	0.000	0.000	
20.86	3.25	0.000	0.000	0.000	0.000	0.000	0.249	3.003	0.000	0.000	
21.06	5.06	0.000	0.000	0.000	0.000	0.000	0.559	4.504	0.000	0.000	
21.26	7.00	0.000	0.000	0.000	0.000	0.000	0.994	6.006	0.000	0.000	
21.46	9.02	0.000	0.000	0.000	0.000	0.000	1.514	7.507	0.000	0.000	
21.66	11.04	0.000	0.000	0.000	0.000	0.000	2.036	9.008	0.000	0.000	
21.86	13.07	0.000	0.000	0.000	0.000	0.000	2.558	10.510	0.000	0.000	
22.06	15.09	0.000	0.000	0.000	0.000	0.000	3.080	12.011	0.000	0.000	
22.26	17.11	0.000	0.000	0.000	0.000	0.000	3.602	13.513	0.000	0.000	
22.46	19.14	0.000	0.000	0.000	0.000	0.000	4.124	15.014	0.000	0.000	
22.66	21.16	0.000	0.000	0.000	0.000	0.000	4.646	16.516	0.000	0.000	
22.86	23.18	0.000	0.000	0.000	0.000	0.000	5.168	18.017	0.000	0.000	
23.06	25.21	0.000	0.000	0.000	0.000	0.000	5.690	19.518	0.000	0.000	
23.26	27.23	0.000	0.000	0.000	0.000	0.000	6.212	21.020	0.000	0.000	
23.46	29.26	0.000	0.000	0.000	0.000	0.000	6.734	22.521	0.000	0.000	
23.66	31.28	0.000	0.000	0.000	0.000	0.000	7.256	24.023	0.000	0.000	
23.86	33.30	0.000	0.000	0.000	0.000	0.000	7.778	25.524	0.000	0.000	
24.06	35.33	0.000	0.000	0.000	0.000	0.000	8.300	27.025	0.000	0.000	
STAGE START:	20.46	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-17	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	6.37	20.34	0.00	0.00	26.71
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	637.31	2033.90	0.00	0.00	2671.20
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	6.37	20.34	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.79	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.79	20.79	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.62	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.22	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.42	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.62	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.82	0.62	0.000	0.000	0.000	0.000	0.000	0.014	0.610	0.000	0.000	
21.02	5.47	0.000	0.000	0.000	0.000	0.000	0.797	4.678	0.000	0.000	
21.22	10.82	0.000	0.000	0.000	0.000	0.000	2.071	8.746	0.000	0.000	
21.42	16.16	0.000	0.000	0.000	0.000	0.000	3.346	12.814	0.000	0.000	
21.62	21.50	0.000	0.000	0.000	0.000	0.000	4.620	16.881	0.000	0.000	
21.82	26.84	0.000	0.000	0.000	0.000	0.000	5.895	20.949	0.000	0.000	
22.02	32.19	0.000	0.000	0.000	0.000	0.000	7.170	25.017	0.000	0.000	
22.22	37.53	0.000	0.000	0.000	0.000	0.000	8.444	29.085	0.000	0.000	
22.42	42.87	0.000	0.000	0.000	0.000	0.000	9.719	33.152	0.000	0.000	
22.62	48.21	0.000	0.000	0.000	0.000	0.000	10.994	37.220	0.000	0.000	
22.82	53.56	0.000	0.000	0.000	0.000	0.000	12.268	41.288	0.000	0.000	
23.02	58.90	0.000	0.000	0.000	0.000	0.000	13.543	45.356	0.000	0.000	
23.22	64.24	0.000	0.000	0.000	0.000	0.000	14.817	49.424	0.000	0.000	
STAGE START:	19.62	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-18	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.11	0.00	0.00	0.70
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	59.27	11.17	0.00	0.00	70.44
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.59	0.11	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.79	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.79	20.79	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.79	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.99	0.08	0.000	0.000	0.000	0.000	0.000	0.056	0.022	0.000	0.000	
21.19	0.22	0.000	0.000	0.000	0.000	0.000	0.175	0.045	0.000	0.000	
21.39	0.36	0.000	0.000	0.000	0.000	0.000	0.293	0.067	0.000	0.000	
21.59	0.50	0.000	0.000	0.000	0.000	0.000	0.412	0.089	0.000	0.000	
21.79	0.64	0.000	0.000	0.000	0.000	0.000	0.530	0.112	0.000	0.000	
21.99	0.78	0.000	0.000	0.000	0.000	0.000	0.649	0.134	0.000	0.000	
22.19	0.92	0.000	0.000	0.000	0.000	0.000	0.768	0.156	0.000	0.000	
22.39	1.06	0.000	0.000	0.000	0.000	0.000	0.886	0.179	0.000	0.000	
22.59	1.21	0.000	0.000	0.000	0.000	0.000	1.005	0.201	0.000	0.000	
22.79	1.35	0.000	0.000	0.000	0.000	0.000	1.123	0.223	0.000	0.000	
22.99	1.49	0.000	0.000	0.000	0.000	0.000	1.242	0.246	0.000	0.000	
23.19	1.63	0.000	0.000	0.000	0.000	0.000	1.360	0.268	0.000	0.000	
23.39	1.77	0.000	0.000	0.000	0.000	0.000	1.479	0.290	0.000	0.000	
23.59	1.91	0.000	0.000	0.000	0.000	0.000	1.597	0.313	0.000	0.000	
23.79	2.05	0.000	0.000	0.000	0.000	0.000	1.716	0.335	0.000	0.000	
23.99	2.19	0.000	0.000	0.000	0.000	0.000	1.834	0.357	0.000	0.000	
24.19	2.33	0.000	0.000	0.000	0.000	0.000	1.953	0.380	0.000	0.000	
24.39	2.47	0.000	0.000	0.000	0.000	0.000	2.071	0.402	0.000	0.000	
STAGE START:	20.79	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-19	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.65	0.00	0.00	1.63
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	98.50	64.85	0.00	0.00	163.35
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.98	0.65	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.06	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.06	21.06	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
20.43	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.63	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.83	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.03	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.23	0.14	0.000	0.000	0.000	0.000	0.000	0.032	0.110	0.000	0.000		
21.43	0.39	0.000	0.000	0.000	0.000	0.000	0.153	0.240	0.000	0.000		
21.63	0.71	0.000	0.000	0.000	0.000	0.000	0.345	0.370	0.000	0.000		
21.83	1.04	0.000	0.000	0.000	0.000	0.000	0.542	0.499	0.000	0.000		
22.03	1.37	0.000	0.000	0.000	0.000	0.000	0.739	0.629	0.000	0.000		
22.23	1.69	0.000	0.000	0.000	0.000	0.000	0.936	0.759	0.000	0.000		
22.43	2.02	0.000	0.000	0.000	0.000	0.000	1.133	0.888	0.000	0.000		
22.63	2.35	0.000	0.000	0.000	0.000	0.000	1.330	1.018	0.000	0.000		
22.83	2.67	0.000	0.000	0.000	0.000	0.000	1.527	1.148	0.000	0.000		
23.03	3.00	0.000	0.000	0.000	0.000	0.000	1.724	1.277	0.000	0.000		
23.23	3.33	0.000	0.000	0.000	0.000	0.000	1.921	1.407	0.000	0.000		
23.43	3.65	0.000	0.000	0.000	0.000	0.000	2.118	1.537	0.000	0.000		
23.63	3.98	0.000	0.000	0.000	0.000	0.000	2.315	1.667	0.000	0.000		
23.83	4.31	0.000	0.000	0.000	0.000	0.000	2.512	1.796	0.000	0.000		
24.03	4.63	0.000	0.000	0.000	0.000	0.000	2.709	1.926	0.000	0.000		
STAGE START:	20.43	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-20	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.61	8.20	0.00	0.00	11.81
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	360.83	820.11	0.00	0.00	1180.95
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.61	8.20	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.40	21.06	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.06	21.06	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.06	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.26	1.85	0.000	0.000	0.000	0.000	0.000	0.212	1.640	0.000	0.000
21.46	4.11	0.000	0.000	0.000	0.000	0.000	0.830	3.280	0.000	0.000
21.66	6.47	0.000	0.000	0.000	0.000	0.000	1.552	4.921	0.000	0.000
21.86	8.83	0.000	0.000	0.000	0.000	0.000	2.273	6.561	0.000	0.000
22.06	11.20	0.000	0.000	0.000	0.000	0.000	2.995	8.201	0.000	0.000
22.26	13.56	0.000	0.000	0.000	0.000	0.000	3.717	9.841	0.000	0.000
22.46	15.92	0.000	0.000	0.000	0.000	0.000	4.438	11.482	0.000	0.000
22.66	18.28	0.000	0.000	0.000	0.000	0.000	5.160	13.122	0.000	0.000
22.86	20.64	0.000	0.000	0.000	0.000	0.000	5.882	14.762	0.000	0.000
23.06	23.01	0.000	0.000	0.000	0.000	0.000	6.603	16.402	0.000	0.000
23.26	25.37	0.000	0.000	0.000	0.000	0.000	7.325	18.043	0.000	0.000
23.46	27.73	0.000	0.000	0.000	0.000	0.000	8.047	19.683	0.000	0.000
23.66	30.09	0.000	0.000	0.000	0.000	0.000	8.768	21.323	0.000	0.000
23.86	32.45	0.000	0.000	0.000	0.000	0.000	9.490	22.963	0.000	0.000
24.06	34.81	0.000	0.000	0.000	0.000	0.000	10.212	24.603	0.000	0.000
24.26	37.18	0.000	0.000	0.000	0.000	0.000	10.933	26.244	0.000	0.000
24.46	39.54	0.000	0.000	0.000	0.000	0.000	11.655	27.884	0.000	0.000
24.66	41.90	0.000	0.000	0.000	0.000	0.000	12.377	29.524	0.000	0.000
STAGE START:	21.06	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-21	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.66	7.28	0.00	0.00	9.94
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	266.50	727.76	0.00	0.00	994.26
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.66	7.28	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.60	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	1.59	0.000	0.000	0.000	0.000	0.000	0.133	1.456	0.000	0.000
21.00	3.44	0.000	0.000	0.000	0.000	0.000	0.533	2.911	0.000	0.000
21.20	5.43	0.000	0.000	0.000	0.000	0.000	1.066	4.367	0.000	0.000
21.40	7.42	0.000	0.000	0.000	0.000	0.000	1.599	5.822	0.000	0.000
21.60	9.41	0.000	0.000	0.000	0.000	0.000	2.132	7.278	0.000	0.000
21.80	11.40	0.000	0.000	0.000	0.000	0.000	2.665	8.733	0.000	0.000
22.00	13.39	0.000	0.000	0.000	0.000	0.000	3.198	10.189	0.000	0.000
22.20	15.38	0.000	0.000	0.000	0.000	0.000	3.731	11.644	0.000	0.000
22.40	17.36	0.000	0.000	0.000	0.000	0.000	4.264	13.100	0.000	0.000
22.60	19.35	0.000	0.000	0.000	0.000	0.000	4.797	14.555	0.000	0.000
22.80	21.34	0.000	0.000	0.000	0.000	0.000	5.330	16.011	0.000	0.000
23.00	23.33	0.000	0.000	0.000	0.000	0.000	5.863	17.466	0.000	0.000
23.20	25.32	0.000	0.000	0.000	0.000	0.000	6.396	18.922	0.000	0.000
23.40	27.31	0.000	0.000	0.000	0.000	0.000	6.929	20.377	0.000	0.000
23.60	29.29	0.000	0.000	0.000	0.000	0.000	7.462	21.833	0.000	0.000
23.80	31.28	0.000	0.000	0.000	0.000	0.000	7.995	23.288	0.000	0.000
24.00	33.27	0.000	0.000	0.000	0.000	0.000	8.528	24.744	0.000	0.000
24.20	35.26	0.000	0.000	0.000	0.000	0.000	9.061	26.200	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-22	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	7.95	15.86	0.00	0.00	23.81
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	794.64	1585.93	0.00	0.00	2380.57
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	7.95	15.86	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	20.35	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.35	20.35	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.09	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.29	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.49	2.74	0.000	0.000	0.000	0.000	0.000	0.519	2.220	0.000	0.000	
20.69	7.50	0.000	0.000	0.000	0.000	0.000	2.106	5.392	0.000	0.000	
20.89	12.26	0.000	0.000	0.000	0.000	0.000	3.695	8.564	0.000	0.000	
21.09	17.02	0.000	0.000	0.000	0.000	0.000	5.284	11.736	0.000	0.000	
21.29	21.78	0.000	0.000	0.000	0.000	0.000	6.874	14.908	0.000	0.000	
21.49	26.54	0.000	0.000	0.000	0.000	0.000	8.463	18.080	0.000	0.000	
21.69	31.30	0.000	0.000	0.000	0.000	0.000	10.052	21.251	0.000	0.000	
21.89	36.06	0.000	0.000	0.000	0.000	0.000	11.641	24.423	0.000	0.000	
22.09	40.83	0.000	0.000	0.000	0.000	0.000	13.231	27.595	0.000	0.000	
22.29	45.59	0.000	0.000	0.000	0.000	0.000	14.820	30.767	0.000	0.000	
22.49	50.35	0.000	0.000	0.000	0.000	0.000	16.409	33.939	0.000	0.000	
22.69	55.11	0.000	0.000	0.000	0.000	0.000	17.999	37.111	0.000	0.000	
22.89	59.87	0.000	0.000	0.000	0.000	0.000	19.588	40.283	0.000	0.000	
23.09	64.63	0.000	0.000	0.000	0.000	0.000	21.177	43.455	0.000	0.000	
23.29	69.39	0.000	0.000	0.000	0.000	0.000	22.766	46.626	0.000	0.000	
23.49	74.15	0.000	0.000	0.000	0.000	0.000	24.356	49.798	0.000	0.000	
23.69	78.92	0.000	0.000	0.000	0.000	0.000	25.945	52.970	0.000	0.000	
STAGE START:	20.09	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-23	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.03	3.10	0.00	0.00	5.13
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	202.72	310.42	0.00	0.00	513.14
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.03	3.10	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	20.35	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.35	20.35	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.35	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.55	0.66	0.000	0.000	0.000	0.000	0.000	0.035	0.621	0.000	0.000
20.75	1.38	0.000	0.000	0.000	0.000	0.000	0.141	1.242	0.000	0.000
20.95	2.18	0.000	0.000	0.000	0.000	0.000	0.317	1.863	0.000	0.000
21.15	3.05	0.000	0.000	0.000	0.000	0.000	0.564	2.483	0.000	0.000
21.35	3.99	0.000	0.000	0.000	0.000	0.000	0.881	3.104	0.000	0.000
21.55	4.99	0.000	0.000	0.000	0.000	0.000	1.267	3.725	0.000	0.000
21.75	6.02	0.000	0.000	0.000	0.000	0.000	1.672	4.346	0.000	0.000
21.95	7.04	0.000	0.000	0.000	0.000	0.000	2.078	4.967	0.000	0.000
22.15	8.07	0.000	0.000	0.000	0.000	0.000	2.483	5.588	0.000	0.000
22.35	9.10	0.000	0.000	0.000	0.000	0.000	2.889	6.208	0.000	0.000
22.55	10.12	0.000	0.000	0.000	0.000	0.000	3.294	6.829	0.000	0.000
22.75	11.15	0.000	0.000	0.000	0.000	0.000	3.700	7.450	0.000	0.000
22.95	12.18	0.000	0.000	0.000	0.000	0.000	4.105	8.071	0.000	0.000
23.15	13.20	0.000	0.000	0.000	0.000	0.000	4.511	8.692	0.000	0.000
23.35	14.23	0.000	0.000	0.000	0.000	0.000	4.916	9.313	0.000	0.000
23.55	15.25	0.000	0.000	0.000	0.000	0.000	5.321	9.933	0.000	0.000
23.75	16.28	0.000	0.000	0.000	0.000	0.000	5.727	10.554	0.000	0.000
23.95	17.31	0.000	0.000	0.000	0.000	0.000	6.132	11.175	0.000	0.000
STAGE START:	20.35	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-24	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.09	1.01	0.00	0.00	2.11
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	109.46	101.10	0.00	0.00	210.56
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.09	1.01	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	19.92	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.92	19.92	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.70	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.90	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.10	0.20	0.000	0.000	0.000	0.000	0.000	0.016	0.182	0.000	0.000
20.30	0.46	0.000	0.000	0.000	0.000	0.000	0.073	0.384	0.000	0.000
20.50	0.76	0.000	0.000	0.000	0.000	0.000	0.170	0.586	0.000	0.000
20.70	1.10	0.000	0.000	0.000	0.000	0.000	0.308	0.789	0.000	0.000
20.90	1.48	0.000	0.000	0.000	0.000	0.000	0.487	0.991	0.000	0.000
21.10	1.89	0.000	0.000	0.000	0.000	0.000	0.701	1.193	0.000	0.000
21.30	2.31	0.000	0.000	0.000	0.000	0.000	0.919	1.395	0.000	0.000
21.50	2.74	0.000	0.000	0.000	0.000	0.000	1.138	1.597	0.000	0.000
21.70	3.16	0.000	0.000	0.000	0.000	0.000	1.357	1.800	0.000	0.000
21.90	3.58	0.000	0.000	0.000	0.000	0.000	1.576	2.002	0.000	0.000
22.10	4.00	0.000	0.000	0.000	0.000	0.000	1.795	2.204	0.000	0.000
22.30	4.42	0.000	0.000	0.000	0.000	0.000	2.014	2.406	0.000	0.000
22.50	4.84	0.000	0.000	0.000	0.000	0.000	2.233	2.608	0.000	0.000
22.70	5.26	0.000	0.000	0.000	0.000	0.000	2.452	2.811	0.000	0.000
22.90	5.68	0.000	0.000	0.000	0.000	0.000	2.671	3.013	0.000	0.000
STAGE START:	19.30	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-25	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	4.10	12.67	0.00	0.00	16.76
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	409.78	1266.64	0.00	0.00	1676.42
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	4.10	12.67	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.23	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.23	20.23	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.92	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.12	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.32	1.16	0.000	0.000	0.000	0.000	0.000	0.022	1.140	0.000	0.000
20.52	3.90	0.000	0.000	0.000	0.000	0.000	0.224	3.673	0.000	0.000
20.72	6.85	0.000	0.000	0.000	0.000	0.000	0.639	6.207	0.000	0.000
20.92	10.01	0.000	0.000	0.000	0.000	0.000	1.267	8.740	0.000	0.000
21.12	13.34	0.000	0.000	0.000	0.000	0.000	2.069	11.273	0.000	0.000
21.32	16.70	0.000	0.000	0.000	0.000	0.000	2.889	13.806	0.000	0.000
21.52	20.05	0.000	0.000	0.000	0.000	0.000	3.709	16.340	0.000	0.000
21.72	23.40	0.000	0.000	0.000	0.000	0.000	4.528	18.873	0.000	0.000
21.92	26.75	0.000	0.000	0.000	0.000	0.000	5.348	21.406	0.000	0.000
22.12	30.11	0.000	0.000	0.000	0.000	0.000	6.167	23.940	0.000	0.000
22.32	33.46	0.000	0.000	0.000	0.000	0.000	6.987	26.473	0.000	0.000
22.52	36.81	0.000	0.000	0.000	0.000	0.000	7.806	29.006	0.000	0.000
22.72	40.17	0.000	0.000	0.000	0.000	0.000	8.626	31.539	0.000	0.000
22.92	43.52	0.000	0.000	0.000	0.000	0.000	9.445	34.073	0.000	0.000
23.12	46.87	0.000	0.000	0.000	0.000	0.000	10.265	36.606	0.000	0.000
23.32	50.22	0.000	0.000	0.000	0.000	0.000	11.085	39.139	0.000	0.000
23.52	53.58	0.000	0.000	0.000	0.000	0.000	11.904	41.673	0.000	0.000
STAGE START:	19.92	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-26	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.90	11.36	0.00	0.00	15.26
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	389.54	1136.17	0.00	0.00	1525.71
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.90	11.36	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.38	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.38	20.38	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.23	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.43	0.58	0.000	0.000	0.000	0.000	0.000	0.008	0.568	0.000	0.000	
20.63	3.04	0.000	0.000	0.000	0.000	0.000	0.196	2.840	0.000	0.000	
20.83	5.75	0.000	0.000	0.000	0.000	0.000	0.636	5.113	0.000	0.000	
21.03	8.71	0.000	0.000	0.000	0.000	0.000	1.324	7.385	0.000	0.000	
21.23	11.76	0.000	0.000	0.000	0.000	0.000	2.104	9.657	0.000	0.000	
21.43	14.81	0.000	0.000	0.000	0.000	0.000	2.883	11.930	0.000	0.000	
21.63	17.86	0.000	0.000	0.000	0.000	0.000	3.662	14.202	0.000	0.000	
21.83	20.92	0.000	0.000	0.000	0.000	0.000	4.441	16.474	0.000	0.000	
22.03	23.97	0.000	0.000	0.000	0.000	0.000	5.220	18.747	0.000	0.000	
22.23	27.02	0.000	0.000	0.000	0.000	0.000	5.999	21.019	0.000	0.000	
22.43	30.07	0.000	0.000	0.000	0.000	0.000	6.778	23.291	0.000	0.000	
22.63	33.12	0.000	0.000	0.000	0.000	0.000	7.557	25.564	0.000	0.000	
22.83	36.17	0.000	0.000	0.000	0.000	0.000	8.336	27.836	0.000	0.000	
23.03	39.22	0.000	0.000	0.000	0.000	0.000	9.115	30.108	0.000	0.000	
23.23	42.28	0.000	0.000	0.000	0.000	0.000	9.894	32.381	0.000	0.000	
23.43	45.33	0.000	0.000	0.000	0.000	0.000	10.673	34.653	0.000	0.000	
23.63	48.38	0.000	0.000	0.000	0.000	0.000	11.452	36.926	0.000	0.000	
23.83	51.43	0.000	0.000	0.000	0.000	0.000	12.231	39.198	0.000	0.000	
STAGE START:	20.23	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-27	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.30	3.43	0.00	0.00	5.74
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	230.24	343.47	0.00	0.00	573.72
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.30	3.43	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	20.81	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.81	20.81	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
20.38	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.58	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.98	0.61	0.000	0.000	0.000	0.000	0.000	0.028	0.584	0.000	0.000		
21.18	1.40	0.000	0.000	0.000	0.000	0.000	0.132	1.271	0.000	0.000		
21.38	2.27	0.000	0.000	0.000	0.000	0.000	0.314	1.958	0.000	0.000		
21.58	3.22	0.000	0.000	0.000	0.000	0.000	0.574	2.645	0.000	0.000		
21.78	4.24	0.000	0.000	0.000	0.000	0.000	0.910	3.332	0.000	0.000		
21.98	5.34	0.000	0.000	0.000	0.000	0.000	1.324	4.019	0.000	0.000		
22.18	6.49	0.000	0.000	0.000	0.000	0.000	1.784	4.706	0.000	0.000		
22.38	7.64	0.000	0.000	0.000	0.000	0.000	2.245	5.393	0.000	0.000		
22.58	8.78	0.000	0.000	0.000	0.000	0.000	2.705	6.079	0.000	0.000		
22.78	9.93	0.000	0.000	0.000	0.000	0.000	3.166	6.766	0.000	0.000		
22.98	11.08	0.000	0.000	0.000	0.000	0.000	3.626	7.453	0.000	0.000		
23.18	12.23	0.000	0.000	0.000	0.000	0.000	4.087	8.140	0.000	0.000		
23.38	13.37	0.000	0.000	0.000	0.000	0.000	4.547	8.827	0.000	0.000		
23.58	14.52	0.000	0.000	0.000	0.000	0.000	5.008	9.514	0.000	0.000		
23.78	15.67	0.000	0.000	0.000	0.000	0.000	5.468	10.201	0.000	0.000		
23.98	16.82	0.000	0.000	0.000	0.000	0.000	5.929	10.888	0.000	0.000		
STAGE START:	20.38	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-28	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.71	1.85	0.00	0.00	3.56
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	171.06	184.62	0.00	0.00	355.67
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.71	1.85	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.43	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.43	21.43	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.01	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.21	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.61	0.38	0.000	0.000	0.000	0.000	0.000	0.049	0.332	0.000	0.000	
21.81	0.92	0.000	0.000	0.000	0.000	0.000	0.217	0.702	0.000	0.000	
22.01	1.58	0.000	0.000	0.000	0.000	0.000	0.505	1.071	0.000	0.000	
22.21	2.29	0.000	0.000	0.000	0.000	0.000	0.847	1.440	0.000	0.000	
22.41	3.00	0.000	0.000	0.000	0.000	0.000	1.189	1.809	0.000	0.000	
22.61	3.71	0.000	0.000	0.000	0.000	0.000	1.531	2.178	0.000	0.000	
22.81	4.42	0.000	0.000	0.000	0.000	0.000	1.873	2.548	0.000	0.000	
23.01	5.13	0.000	0.000	0.000	0.000	0.000	2.215	2.917	0.000	0.000	
23.21	5.84	0.000	0.000	0.000	0.000	0.000	2.557	3.286	0.000	0.000	
23.41	6.55	0.000	0.000	0.000	0.000	0.000	2.899	3.655	0.000	0.000	
23.61	7.27	0.000	0.000	0.000	0.000	0.000	3.241	4.025	0.000	0.000	
23.81	7.98	0.000	0.000	0.000	0.000	0.000	3.584	4.394	0.000	0.000	
24.01	8.69	0.000	0.000	0.000	0.000	0.000	3.926	4.763	0.000	0.000	
24.21	9.40	0.000	0.000	0.000	0.000	0.000	4.268	5.132	0.000	0.000	
24.41	10.11	0.000	0.000	0.000	0.000	0.000	4.610	5.502	0.000	0.000	
STAGE START:	20.81	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-29	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	5.35	20.77	0.00	0.00	26.12
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	535.39	2076.81	0.00	0.00	2612.20
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	5.35	20.77	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.43	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.43	21.43	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.43	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.63	5.04	0.000	0.000	0.000	0.000	0.000	0.883	4.154	0.000	0.000
21.83	10.26	0.000	0.000	0.000	0.000	0.000	1.954	8.307	0.000	0.000
22.03	15.49	0.000	0.000	0.000	0.000	0.000	3.025	12.461	0.000	0.000
22.23	20.71	0.000	0.000	0.000	0.000	0.000	4.096	16.614	0.000	0.000
22.43	25.93	0.000	0.000	0.000	0.000	0.000	5.166	20.768	0.000	0.000
22.63	31.16	0.000	0.000	0.000	0.000	0.000	6.237	24.922	0.000	0.000
22.83	36.38	0.000	0.000	0.000	0.000	0.000	7.308	29.075	0.000	0.000
23.03	41.61	0.000	0.000	0.000	0.000	0.000	8.379	33.229	0.000	0.000
23.23	46.83	0.000	0.000	0.000	0.000	0.000	9.450	37.383	0.000	0.000
23.43	52.06	0.000	0.000	0.000	0.000	0.000	10.520	41.536	0.000	0.000
23.63	57.28	0.000	0.000	0.000	0.000	0.000	11.591	45.690	0.000	0.000
23.83	62.51	0.000	0.000	0.000	0.000	0.000	12.662	49.843	0.000	0.000
24.03	67.73	0.000	0.000	0.000	0.000	0.000	13.733	53.997	0.000	0.000
24.23	72.95	0.000	0.000	0.000	0.000	0.000	14.803	58.151	0.000	0.000
24.43	78.18	0.000	0.000	0.000	0.000	0.000	15.874	62.304	0.000	0.000
24.63	83.40	0.000	0.000	0.000	0.000	0.000	16.945	66.458	0.000	0.000
24.83	88.63	0.000	0.000	0.000	0.000	0.000	18.016	70.611	0.000	0.000
25.03	93.85	0.000	0.000	0.000	0.000	0.000	19.087	74.765	0.000	0.000
STAGE START:	21.43	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-30	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	5.66	21.50	0.00	0.00	27.16
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	565.75	2150.31	0.00	0.00	2716.07
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	5.66	21.50	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.32	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.32	21.32	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.67	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.07	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.27	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.47	3.58	0.000	0.000	0.000	0.000	0.000	0.354	3.225	0.000	0.000	
21.67	9.00	0.000	0.000	0.000	0.000	0.000	1.471	7.526	0.000	0.000	
21.87	14.43	0.000	0.000	0.000	0.000	0.000	2.602	11.827	0.000	0.000	
22.07	19.86	0.000	0.000	0.000	0.000	0.000	3.734	16.127	0.000	0.000	
22.27	25.29	0.000	0.000	0.000	0.000	0.000	4.865	20.428	0.000	0.000	
22.47	30.73	0.000	0.000	0.000	0.000	0.000	5.997	24.729	0.000	0.000	
22.67	36.16	0.000	0.000	0.000	0.000	0.000	7.128	29.029	0.000	0.000	
22.87	41.59	0.000	0.000	0.000	0.000	0.000	8.260	33.330	0.000	0.000	
23.07	47.02	0.000	0.000	0.000	0.000	0.000	9.392	37.631	0.000	0.000	
23.27	52.45	0.000	0.000	0.000	0.000	0.000	10.523	41.931	0.000	0.000	
23.47	57.89	0.000	0.000	0.000	0.000	0.000	11.655	46.232	0.000	0.000	
23.67	63.32	0.000	0.000	0.000	0.000	0.000	12.786	50.532	0.000	0.000	
23.87	68.75	0.000	0.000	0.000	0.000	0.000	13.918	54.833	0.000	0.000	
24.07	74.18	0.000	0.000	0.000	0.000	0.000	15.049	59.134	0.000	0.000	
24.27	79.61	0.000	0.000	0.000	0.000	0.000	16.181	63.434	0.000	0.000	
STAGE START:	20.67	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-31	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.19	4.79	0.00	0.00	6.97
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	218.65	478.50	0.00	0.00	697.16
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.19	4.79	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.25	22.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.02	22.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.32	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.52	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.72	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.92	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.12	0.53	0.000	0.000	0.000	0.000	0.000	0.048	0.479	0.000	0.000	
22.32	1.84	0.000	0.000	0.000	0.000	0.000	0.405	1.436	0.000	0.000	
22.52	3.23	0.000	0.000	0.000	0.000	0.000	0.842	2.393	0.000	0.000	
22.72	4.63	0.000	0.000	0.000	0.000	0.000	1.279	3.350	0.000	0.000	
22.92	6.02	0.000	0.000	0.000	0.000	0.000	1.716	4.307	0.000	0.000	
23.12	7.42	0.000	0.000	0.000	0.000	0.000	2.154	5.264	0.000	0.000	
23.32	8.81	0.000	0.000	0.000	0.000	0.000	2.591	6.221	0.000	0.000	
23.52	10.21	0.000	0.000	0.000	0.000	0.000	3.028	7.178	0.000	0.000	
23.72	11.60	0.000	0.000	0.000	0.000	0.000	3.466	8.135	0.000	0.000	
23.92	12.99	0.000	0.000	0.000	0.000	0.000	3.903	9.092	0.000	0.000	
24.12	14.39	0.000	0.000	0.000	0.000	0.000	4.340	10.049	0.000	0.000	
24.32	15.78	0.000	0.000	0.000	0.000	0.000	4.778	11.006	0.000	0.000	
24.52	17.18	0.000	0.000	0.000	0.000	0.000	5.215	11.963	0.000	0.000	
24.72	18.57	0.000	0.000	0.000	0.000	0.000	5.652	12.920	0.000	0.000	
24.92	19.97	0.000	0.000	0.000	0.000	0.000	6.089	13.877	0.000	0.000	
STAGE START:	21.32	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-32	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.63	0.00	0.00	1.64
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	100.26	63.40	0.00	0.00	163.67
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	1.00	0.63	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	22.25	22.02	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	22.02	22.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.22	0.21	0.000	0.000	0.000	0.000	0.000	0.087	0.127	0.000	
22.42	0.54	0.000	0.000	0.000	0.000	0.000	0.286	0.254	0.000	
22.62	0.87	0.000	0.000	0.000	0.000	0.000	0.486	0.380	0.000	
22.82	1.19	0.000	0.000	0.000	0.000	0.000	0.687	0.507	0.000	
23.02	1.52	0.000	0.000	0.000	0.000	0.000	0.887	0.634	0.000	
23.22	1.85	0.000	0.000	0.000	0.000	0.000	1.088	0.761	0.000	
23.42	2.18	0.000	0.000	0.000	0.000	0.000	1.288	0.888	0.000	
23.62	2.50	0.000	0.000	0.000	0.000	0.000	1.489	1.014	0.000	
23.82	2.83	0.000	0.000	0.000	0.000	0.000	1.689	1.141	0.000	
24.02	3.16	0.000	0.000	0.000	0.000	0.000	1.890	1.268	0.000	
24.22	3.49	0.000	0.000	0.000	0.000	0.000	2.091	1.395	0.000	
24.42	3.81	0.000	0.000	0.000	0.000	0.000	2.291	1.522	0.000	
24.62	4.14	0.000	0.000	0.000	0.000	0.000	2.492	1.648	0.000	
24.82	4.47	0.000	0.000	0.000	0.000	0.000	2.692	1.775	0.000	
25.02	4.79	0.000	0.000	0.000	0.000	0.000	2.893	1.902	0.000	
25.22	5.12	0.000	0.000	0.000	0.000	0.000	3.093	2.029	0.000	
25.42	5.45	0.000	0.000	0.000	0.000	0.000	3.294	2.156	0.000	
25.62	5.78	0.000	0.000	0.000	0.000	0.000	3.494	2.282	0.000	
STAGE START:	22.02	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-33	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	5.70	19.85	0.00	0.00	25.55
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	569.94	1985.17	0.00	0.00	2555.11
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	5.70	19.85	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.50	19.95	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.95	19.95	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
19.95	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.15	4.02	0.000	0.000	0.000	0.000	0.000	0.045	3.970	0.000	0.000		
20.35	8.12	0.000	0.000	0.000	0.000	0.000	0.179	7.941	0.000	0.000		
20.55	12.31	0.000	0.000	0.000	0.000	0.000	0.402	11.911	0.000	0.000		
20.75	16.60	0.000	0.000	0.000	0.000	0.000	0.715	15.881	0.000	0.000		
20.95	20.97	0.000	0.000	0.000	0.000	0.000	1.118	19.852	0.000	0.000		
21.15	25.43	0.000	0.000	0.000	0.000	0.000	1.609	23.822	0.000	0.000		
21.35	29.98	0.000	0.000	0.000	0.000	0.000	2.190	27.792	0.000	0.000		
21.55	34.62	0.000	0.000	0.000	0.000	0.000	2.861	31.763	0.000	0.000		
21.75	39.35	0.000	0.000	0.000	0.000	0.000	3.621	35.733	0.000	0.000		
21.95	44.17	0.000	0.000	0.000	0.000	0.000	4.470	39.703	0.000	0.000		
22.15	49.08	0.000	0.000	0.000	0.000	0.000	5.409	43.674	0.000	0.000		
22.35	54.08	0.000	0.000	0.000	0.000	0.000	6.437	47.644	0.000	0.000		
22.55	59.17	0.000	0.000	0.000	0.000	0.000	7.552	51.614	0.000	0.000		
22.75	64.28	0.000	0.000	0.000	0.000	0.000	8.692	55.585	0.000	0.000		
22.95	69.39	0.000	0.000	0.000	0.000	0.000	9.831	59.555	0.000	0.000		
23.15	74.50	0.000	0.000	0.000	0.000	0.000	10.971	63.526	0.000	0.000		
23.35	79.61	0.000	0.000	0.000	0.000	0.000	12.111	67.496	0.000	0.000		
23.55	84.72	0.000	0.000	0.000	0.000	0.000	13.251	71.466	0.000	0.000		
STAGE START:	19.95	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-34	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.84	3.06	0.00	0.00	4.90
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	184.32	305.61	0.00	0.00	489.93
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.84	3.06	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.10	19.95	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.95	19.95	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.95	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.15	0.84	0.000	0.000	0.000	0.000	0.000	0.230	0.611	0.000	0.000
20.35	1.82	0.000	0.000	0.000	0.000	0.000	0.599	1.222	0.000	0.000
20.55	2.80	0.000	0.000	0.000	0.000	0.000	0.968	1.834	0.000	0.000
20.75	3.78	0.000	0.000	0.000	0.000	0.000	1.336	2.445	0.000	0.000
20.95	4.76	0.000	0.000	0.000	0.000	0.000	1.705	3.056	0.000	0.000
21.15	5.74	0.000	0.000	0.000	0.000	0.000	2.074	3.667	0.000	0.000
21.35	6.72	0.000	0.000	0.000	0.000	0.000	2.442	4.279	0.000	0.000
21.55	7.70	0.000	0.000	0.000	0.000	0.000	2.811	4.890	0.000	0.000
21.75	8.68	0.000	0.000	0.000	0.000	0.000	3.179	5.501	0.000	0.000
21.95	9.66	0.000	0.000	0.000	0.000	0.000	3.548	6.112	0.000	0.000
22.15	10.64	0.000	0.000	0.000	0.000	0.000	3.917	6.723	0.000	0.000
22.35	11.62	0.000	0.000	0.000	0.000	0.000	4.285	7.335	0.000	0.000
22.55	12.60	0.000	0.000	0.000	0.000	0.000	4.654	7.946	0.000	0.000
22.75	13.58	0.000	0.000	0.000	0.000	0.000	5.023	8.557	0.000	0.000
22.95	14.56	0.000	0.000	0.000	0.000	0.000	5.391	9.168	0.000	0.000
23.15	15.54	0.000	0.000	0.000	0.000	0.000	5.760	9.780	0.000	0.000
23.35	16.52	0.000	0.000	0.000	0.000	0.000	6.129	10.391	0.000	0.000
23.55	17.50	0.000	0.000	0.000	0.000	0.000	6.497	11.002	0.000	0.000
STAGE START:	19.95	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-35	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.20	4.76	0.00	0.00	6.96
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	220.36	475.77	0.00	0.00	696.13
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.20	4.76	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.60	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	1.06	0.000	0.000	0.000	0.000	0.000	0.110	0.952	0.000	0.000
21.00	2.34	0.000	0.000	0.000	0.000	0.000	0.441	1.903	0.000	0.000
21.20	3.74	0.000	0.000	0.000	0.000	0.000	0.881	2.855	0.000	0.000
21.40	5.13	0.000	0.000	0.000	0.000	0.000	1.322	3.806	0.000	0.000
21.60	6.52	0.000	0.000	0.000	0.000	0.000	1.763	4.758	0.000	0.000
21.80	7.91	0.000	0.000	0.000	0.000	0.000	2.204	5.709	0.000	0.000
22.00	9.31	0.000	0.000	0.000	0.000	0.000	2.644	6.661	0.000	0.000
22.20	10.70	0.000	0.000	0.000	0.000	0.000	3.085	7.612	0.000	0.000
22.40	12.09	0.000	0.000	0.000	0.000	0.000	3.526	8.564	0.000	0.000
22.60	13.48	0.000	0.000	0.000	0.000	0.000	3.967	9.515	0.000	0.000
22.80	14.87	0.000	0.000	0.000	0.000	0.000	4.407	10.467	0.000	0.000
23.00	16.27	0.000	0.000	0.000	0.000	0.000	4.848	11.418	0.000	0.000
23.20	17.66	0.000	0.000	0.000	0.000	0.000	5.289	12.370	0.000	0.000
23.40	19.05	0.000	0.000	0.000	0.000	0.000	5.729	13.322	0.000	0.000
23.60	20.44	0.000	0.000	0.000	0.000	0.000	6.170	14.273	0.000	0.000
23.80	21.84	0.000	0.000	0.000	0.000	0.000	6.611	15.225	0.000	0.000
24.00	23.23	0.000	0.000	0.000	0.000	0.000	7.052	16.176	0.000	0.000
24.20	24.62	0.000	0.000	0.000	0.000	0.000	7.492	17.128	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-36	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.62	2.66	0.00	0.00	4.27
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	161.51	265.82	0.00	0.00	427.33
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	0.00	0.00	0.00	1.62	2.66	0.00	0.00		
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00		
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.80	0.85	0.000	0.000	0.000	0.000	0.000	0.323	0.532	0.000	0.000	
21.00	1.71	0.000	0.000	0.000	0.000	0.000	0.646	1.063	0.000	0.000	
21.20	2.56	0.000	0.000	0.000	0.000	0.000	0.969	1.595	0.000	0.000	
21.40	3.42	0.000	0.000	0.000	0.000	0.000	1.292	2.127	0.000	0.000	
21.60	4.27	0.000	0.000	0.000	0.000	0.000	1.615	2.658	0.000	0.000	
21.80	5.13	0.000	0.000	0.000	0.000	0.000	1.938	3.190	0.000	0.000	
22.00	5.98	0.000	0.000	0.000	0.000	0.000	2.261	3.722	0.000	0.000	
22.20	6.84	0.000	0.000	0.000	0.000	0.000	2.584	4.253	0.000	0.000	
22.40	7.69	0.000	0.000	0.000	0.000	0.000	2.907	4.785	0.000	0.000	
22.60	8.55	0.000	0.000	0.000	0.000	0.000	3.230	5.316	0.000	0.000	
22.80	9.40	0.000	0.000	0.000	0.000	0.000	3.553	5.848	0.000	0.000	
23.00	10.26	0.000	0.000	0.000	0.000	0.000	3.876	6.380	0.000	0.000	
23.20	11.11	0.000	0.000	0.000	0.000	0.000	4.199	6.911	0.000	0.000	
23.40	11.97	0.000	0.000	0.000	0.000	0.000	4.522	7.443	0.000	0.000	
23.60	12.82	0.000	0.000	0.000	0.000	0.000	4.845	7.975	0.000	0.000	
23.80	13.67	0.000	0.000	0.000	0.000	0.000	5.168	8.506	0.000	0.000	
24.00	14.53	0.000	0.000	0.000	0.000	0.000	5.491	9.038	0.000	0.000	
24.20	15.38	0.000	0.000	0.000	0.000	0.000	5.814	9.570	0.000	0.000	
STAGE START:	20.60	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-37	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.30	9.03	0.00	0.00	12.33
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	329.52	903.18	0.00	0.00	1232.69
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	3.30	9.03	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	0.00	20.60	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.80	36.41	0.000	0.000	0.000	0.000	0.000	34.599	1.806	0.000	
21.00	38.87	0.000	0.000	0.000	0.000	0.000	35.258	3.613	0.000	
21.20	41.34	0.000	0.000	0.000	0.000	0.000	35.917	5.419	0.000	
21.40	43.80	0.000	0.000	0.000	0.000	0.000	36.576	7.225	0.000	
21.60	46.27	0.000	0.000	0.000	0.000	0.000	37.235	9.032	0.000	
21.80	48.73	0.000	0.000	0.000	0.000	0.000	37.894	10.838	0.000	
22.00	51.20	0.000	0.000	0.000	0.000	0.000	38.553	12.644	0.000	
22.20	53.66	0.000	0.000	0.000	0.000	0.000	39.212	14.451	0.000	
22.40	56.13	0.000	0.000	0.000	0.000	0.000	39.871	16.257	0.000	
22.60	58.59	0.000	0.000	0.000	0.000	0.000	40.530	18.064	0.000	
22.80	61.06	0.000	0.000	0.000	0.000	0.000	41.189	19.870	0.000	
23.00	63.52	0.000	0.000	0.000	0.000	0.000	41.849	21.676	0.000	
23.20	65.99	0.000	0.000	0.000	0.000	0.000	42.508	23.483	0.000	
23.40	68.46	0.000	0.000	0.000	0.000	0.000	43.167	25.289	0.000	
23.60	70.92	0.000	0.000	0.000	0.000	0.000	43.826	27.095	0.000	
23.80	73.39	0.000	0.000	0.000	0.000	0.000	44.485	28.902	0.000	
24.00	75.85	0.000	0.000	0.000	0.000	0.000	45.144	30.708	0.000	
24.20	78.32	0.000	0.000	0.000	0.000	0.000	45.803	32.514	0.000	
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-38	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.23	0.00	0.00	0.91
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	67.49	23.33	0.00	0.00	90.81
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.67	0.23	0.00	0.00		
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	20.75	20.60	0.00	0.00		
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.80	0.13	0.000	0.000	0.000	0.000	0.000	0.084	0.047	0.000	0.000	
21.00	0.31	0.000	0.000	0.000	0.000	0.000	0.219	0.093	0.000	0.000	
21.20	0.49	0.000	0.000	0.000	0.000	0.000	0.354	0.140	0.000	0.000	
21.40	0.68	0.000	0.000	0.000	0.000	0.000	0.489	0.187	0.000	0.000	
21.60	0.86	0.000	0.000	0.000	0.000	0.000	0.624	0.233	0.000	0.000	
21.80	1.04	0.000	0.000	0.000	0.000	0.000	0.759	0.280	0.000	0.000	
22.00	1.22	0.000	0.000	0.000	0.000	0.000	0.894	0.327	0.000	0.000	
22.20	1.40	0.000	0.000	0.000	0.000	0.000	1.029	0.373	0.000	0.000	
22.40	1.58	0.000	0.000	0.000	0.000	0.000	1.164	0.420	0.000	0.000	
22.60	1.77	0.000	0.000	0.000	0.000	0.000	1.299	0.467	0.000	0.000	
22.80	1.95	0.000	0.000	0.000	0.000	0.000	1.434	0.513	0.000	0.000	
23.00	2.13	0.000	0.000	0.000	0.000	0.000	1.569	0.560	0.000	0.000	
23.20	2.31	0.000	0.000	0.000	0.000	0.000	1.704	0.606	0.000	0.000	
23.40	2.49	0.000	0.000	0.000	0.000	0.000	1.839	0.653	0.000	0.000	
23.60	2.67	0.000	0.000	0.000	0.000	0.000	1.974	0.700	0.000	0.000	
23.80	2.86	0.000	0.000	0.000	0.000	0.000	2.109	0.746	0.000	0.000	
24.00	3.04	0.000	0.000	0.000	0.000	0.000	2.244	0.793	0.000	0.000	
24.20	3.22	0.000	0.000	0.000	0.000	0.000	2.379	0.840	0.000	0.000	
STAGE START:	20.60	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-39	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.46	6.30	0.00	0.00	8.75
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	245.83	629.61	0.00	0.00	875.44
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.46	6.30	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.80	1.75	0.000	0.000	0.000	0.000	0.000	0.492	1.259	0.000	0.000
21.00	3.50	0.000	0.000	0.000	0.000	0.000	0.983	2.518	0.000	0.000
21.20	5.25	0.000	0.000	0.000	0.000	0.000	1.475	3.778	0.000	0.000
21.40	7.00	0.000	0.000	0.000	0.000	0.000	1.967	5.037	0.000	0.000
21.60	8.75	0.000	0.000	0.000	0.000	0.000	2.458	6.296	0.000	0.000
21.80	10.51	0.000	0.000	0.000	0.000	0.000	2.950	7.555	0.000	0.000
22.00	12.26	0.000	0.000	0.000	0.000	0.000	3.442	8.815	0.000	0.000
22.20	14.01	0.000	0.000	0.000	0.000	0.000	3.933	10.074	0.000	0.000
22.40	15.76	0.000	0.000	0.000	0.000	0.000	4.425	11.333	0.000	0.000
22.60	17.51	0.000	0.000	0.000	0.000	0.000	4.917	12.592	0.000	0.000
22.80	19.26	0.000	0.000	0.000	0.000	0.000	5.408	13.851	0.000	0.000
23.00	21.01	0.000	0.000	0.000	0.000	0.000	5.900	15.111	0.000	0.000
23.20	22.76	0.000	0.000	0.000	0.000	0.000	6.392	16.370	0.000	0.000
23.40	24.51	0.000	0.000	0.000	0.000	0.000	6.883	17.629	0.000	0.000
23.60	26.26	0.000	0.000	0.000	0.000	0.000	7.375	18.888	0.000	0.000
23.80	28.01	0.000	0.000	0.000	0.000	0.000	7.867	20.147	0.000	0.000
24.00	29.76	0.000	0.000	0.000	0.000	0.000	8.358	21.407	0.000	0.000
24.20	31.52	0.000	0.000	0.000	0.000	0.000	8.850	22.666	0.000	0.000
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-40	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	22.74	149.29	0.00	0.00	172.03
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	2273.77	14929.20	0.00	0.00	17202.97
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	WL BUFFER	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	22.74	149.29	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	21.50	20.60	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	20.60	20.60	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.60	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.80	30.36	0.000	0.000	0.000	0.000	0.000	0.505	29.858	0.000	
21.00	61.74	0.000	0.000	0.000	0.000	0.000	2.021	59.717	0.000	
21.20	94.12	0.000	0.000	0.000	0.000	0.000	4.548	89.575	0.000	
21.40	127.52	0.000	0.000	0.000	0.000	0.000	8.085	119.434	0.000	
21.60	161.80	0.000	0.000	0.000	0.000	0.000	12.506	149.292	0.000	
21.80	196.20	0.000	0.000	0.000	0.000	0.000	17.053	179.150	0.000	
22.00	230.61	0.000	0.000	0.000	0.000	0.000	21.601	209.009	0.000	
22.20	265.02	0.000	0.000	0.000	0.000	0.000	26.148	238.867	0.000	
22.40	299.42	0.000	0.000	0.000	0.000	0.000	30.696	268.726	0.000	
22.60	333.83	0.000	0.000	0.000	0.000	0.000	35.243	298.584	0.000	
22.80	368.23	0.000	0.000	0.000	0.000	0.000	39.791	328.442	0.000	
23.00	402.64	0.000	0.000	0.000	0.000	0.000	44.338	358.301	0.000	
23.20	437.05	0.000	0.000	0.000	0.000	0.000	48.886	388.159	0.000	
23.40	471.45	0.000	0.000	0.000	0.000	0.000	53.434	418.018	0.000	
23.60	505.86	0.000	0.000	0.000	0.000	0.000	57.981	447.876	0.000	
23.80	540.26	0.000	0.000	0.000	0.000	0.000	62.529	477.734	0.000	
24.00	574.67	0.000	0.000	0.000	0.000	0.000	67.076	507.593	0.000	
24.20	609.07	0.000	0.000	0.000	0.000	0.000	71.624	537.451	0.000	
STAGE START:	20.60	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-41	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.31	8.10	0.00	0.00	11.40
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	330.53	809.93	0.00	0.00	1140.46
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.31	8.10	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.74	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.74	20.74	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.94	1.87	0.000	0.000	0.000	0.000	0.000	0.254	1.620	0.000	0.000	
21.14	4.13	0.000	0.000	0.000	0.000	0.000	0.892	3.240	0.000	0.000	
21.34	6.41	0.000	0.000	0.000	0.000	0.000	1.553	4.860	0.000	0.000	
21.54	8.69	0.000	0.000	0.000	0.000	0.000	2.215	6.479	0.000	0.000	
21.74	10.97	0.000	0.000	0.000	0.000	0.000	2.876	8.099	0.000	0.000	
21.94	13.26	0.000	0.000	0.000	0.000	0.000	3.537	9.719	0.000	0.000	
22.14	15.54	0.000	0.000	0.000	0.000	0.000	4.198	11.339	0.000	0.000	
22.34	17.82	0.000	0.000	0.000	0.000	0.000	4.859	12.959	0.000	0.000	
22.54	20.10	0.000	0.000	0.000	0.000	0.000	5.520	14.579	0.000	0.000	
22.74	22.38	0.000	0.000	0.000	0.000	0.000	6.181	16.199	0.000	0.000	
22.94	24.66	0.000	0.000	0.000	0.000	0.000	6.842	17.818	0.000	0.000	
23.14	26.94	0.000	0.000	0.000	0.000	0.000	7.503	19.438	0.000	0.000	
23.34	29.22	0.000	0.000	0.000	0.000	0.000	8.164	21.058	0.000	0.000	
23.54	31.50	0.000	0.000	0.000	0.000	0.000	8.825	22.678	0.000	0.000	
23.74	33.78	0.000	0.000	0.000	0.000	0.000	9.486	24.298	0.000	0.000	
23.94	36.06	0.000	0.000	0.000	0.000	0.000	10.147	25.918	0.000	0.000	
24.14	38.35	0.000	0.000	0.000	0.000	0.000	10.808	27.538	0.000	0.000	
24.34	40.63	0.000	0.000	0.000	0.000	0.000	11.469	29.158	0.000	0.000	
STAGE START:	20.74	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES						
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC
BASIN NAME:	BWL-42	BASIN ANALYSIS:	PRE-DEVELOPMENT		KIMLEY-HORN AND ASSOCIATES, INC	

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.41	1.93	0.00	0.00	3.34
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	140.93	193.41	0.00	0.00	334.34
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.41	1.93	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.61	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.61	21.61	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.61	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.81	0.46	0.000	0.000	0.000	0.000	0.000	0.072	0.387	0.000	0.000
22.01	1.06	0.000	0.000	0.000	0.000	0.000	0.289	0.774	0.000	0.000
22.21	1.73	0.000	0.000	0.000	0.000	0.000	0.571	1.160	0.000	0.000
22.41	2.40	0.000	0.000	0.000	0.000	0.000	0.853	1.547	0.000	0.000
22.61	3.07	0.000	0.000	0.000	0.000	0.000	1.134	1.934	0.000	0.000
22.81	3.74	0.000	0.000	0.000	0.000	0.000	1.416	2.321	0.000	0.000
23.01	4.41	0.000	0.000	0.000	0.000	0.000	1.698	2.708	0.000	0.000
23.21	5.07	0.000	0.000	0.000	0.000	0.000	1.980	3.095	0.000	0.000
23.41	5.74	0.000	0.000	0.000	0.000	0.000	2.262	3.481	0.000	0.000
23.61	6.41	0.000	0.000	0.000	0.000	0.000	2.544	3.868	0.000	0.000
23.81	7.08	0.000	0.000	0.000	0.000	0.000	2.826	4.255	0.000	0.000
24.01	7.75	0.000	0.000	0.000	0.000	0.000	3.108	4.642	0.000	0.000
24.21	8.42	0.000	0.000	0.000	0.000	0.000	3.389	5.029	0.000	0.000
24.41	9.09	0.000	0.000	0.000	0.000	0.000	3.671	5.416	0.000	0.000
24.61	9.76	0.000	0.000	0.000	0.000	0.000	3.953	5.802	0.000	0.000
24.81	10.42	0.000	0.000	0.000	0.000	0.000	4.235	6.189	0.000	0.000
25.01	11.09	0.000	0.000	0.000	0.000	0.000	4.517	6.576	0.000	0.000
25.21	11.76	0.000	0.000	0.000	0.000	0.000	4.799	6.963	0.000	0.000
STAGE START:	21.61	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-43	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.62	2.59	0.00	0.00	4.21
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	162.21	258.76	0.00	0.00	420.97
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.62	2.59	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	20.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.02	20.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.22	0.53	0.000	0.000	0.000	0.000	0.000	0.016	0.518	0.000	0.000	
20.42	1.10	0.000	0.000	0.000	0.000	0.000	0.066	1.035	0.000	0.000	
20.62	1.70	0.000	0.000	0.000	0.000	0.000	0.147	1.553	0.000	0.000	
20.82	2.33	0.000	0.000	0.000	0.000	0.000	0.262	2.070	0.000	0.000	
21.02	3.00	0.000	0.000	0.000	0.000	0.000	0.410	2.588	0.000	0.000	
21.22	3.69	0.000	0.000	0.000	0.000	0.000	0.590	3.105	0.000	0.000	
21.42	4.43	0.000	0.000	0.000	0.000	0.000	0.803	3.623	0.000	0.000	
21.62	5.19	0.000	0.000	0.000	0.000	0.000	1.049	4.140	0.000	0.000	
21.82	5.98	0.000	0.000	0.000	0.000	0.000	1.327	4.658	0.000	0.000	
22.02	6.81	0.000	0.000	0.000	0.000	0.000	1.638	5.175	0.000	0.000	
22.22	7.66	0.000	0.000	0.000	0.000	0.000	1.963	5.693	0.000	0.000	
22.42	8.50	0.000	0.000	0.000	0.000	0.000	2.287	6.210	0.000	0.000	
22.62	9.34	0.000	0.000	0.000	0.000	0.000	2.612	6.728	0.000	0.000	
22.82	10.18	0.000	0.000	0.000	0.000	0.000	2.936	7.245	0.000	0.000	
23.02	11.02	0.000	0.000	0.000	0.000	0.000	3.260	7.763	0.000	0.000	
23.22	11.87	0.000	0.000	0.000	0.000	0.000	3.585	8.280	0.000	0.000	
23.42	12.71	0.000	0.000	0.000	0.000	0.000	3.909	8.798	0.000	0.000	
23.62	13.55	0.000	0.000	0.000	0.000	0.000	4.234	9.315	0.000	0.000	
STAGE START:	20.02	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-44	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	7.16	25.31	0.00	0.00	32.47
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	716.23	2530.60	0.00	0.00	3246.83
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	7.16	25.31	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.16	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.16	21.16	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.16	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.36	5.48	0.000	0.000	0.000	0.000	0.000	0.421	5.061	0.000	0.000	
21.56	11.77	0.000	0.000	0.000	0.000	0.000	1.647	10.122	0.000	0.000	
21.76	18.26	0.000	0.000	0.000	0.000	0.000	3.080	15.184	0.000	0.000	
21.96	24.76	0.000	0.000	0.000	0.000	0.000	4.512	20.245	0.000	0.000	
22.16	31.25	0.000	0.000	0.000	0.000	0.000	5.945	25.306	0.000	0.000	
22.36	37.74	0.000	0.000	0.000	0.000	0.000	7.377	30.367	0.000	0.000	
22.56	44.24	0.000	0.000	0.000	0.000	0.000	8.810	35.428	0.000	0.000	
22.76	50.73	0.000	0.000	0.000	0.000	0.000	10.242	40.490	0.000	0.000	
22.96	57.23	0.000	0.000	0.000	0.000	0.000	11.675	45.551	0.000	0.000	
23.16	63.72	0.000	0.000	0.000	0.000	0.000	13.107	50.612	0.000	0.000	
23.36	70.21	0.000	0.000	0.000	0.000	0.000	14.539	55.673	0.000	0.000	
23.56	76.71	0.000	0.000	0.000	0.000	0.000	15.972	60.734	0.000	0.000	
23.76	83.20	0.000	0.000	0.000	0.000	0.000	17.404	65.796	0.000	0.000	
23.96	89.69	0.000	0.000	0.000	0.000	0.000	18.837	70.857	0.000	0.000	
24.16	96.19	0.000	0.000	0.000	0.000	0.000	20.269	75.918	0.000	0.000	
24.36	102.68	0.000	0.000	0.000	0.000	0.000	21.702	80.979	0.000	0.000	
24.56	109.17	0.000	0.000	0.000	0.000	0.000	23.134	86.040	0.000	0.000	
24.76	115.67	0.000	0.000	0.000	0.000	0.000	24.567	91.102	0.000	0.000	
STAGE START:	21.16	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-45	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	7.06	17.35	0.00	0.00	24.41
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	706.08	1734.57	0.00	0.00	2440.65
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	7.06	17.35	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	20.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.00	20.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.20	3.56	0.000	0.000	0.000	0.000	0.000	0.094	3.469	0.000	0.000	
20.40	7.31	0.000	0.000	0.000	0.000	0.000	0.377	6.938	0.000	0.000	
20.60	11.25	0.000	0.000	0.000	0.000	0.000	0.847	10.407	0.000	0.000	
20.80	15.38	0.000	0.000	0.000	0.000	0.000	1.506	13.877	0.000	0.000	
21.00	19.70	0.000	0.000	0.000	0.000	0.000	2.354	17.346	0.000	0.000	
21.20	24.20	0.000	0.000	0.000	0.000	0.000	3.389	20.815	0.000	0.000	
21.40	28.90	0.000	0.000	0.000	0.000	0.000	4.613	24.284	0.000	0.000	
21.60	33.75	0.000	0.000	0.000	0.000	0.000	6.002	27.753	0.000	0.000	
21.80	38.64	0.000	0.000	0.000	0.000	0.000	7.414	31.222	0.000	0.000	
22.00	43.52	0.000	0.000	0.000	0.000	0.000	8.826	34.691	0.000	0.000	
22.20	48.40	0.000	0.000	0.000	0.000	0.000	10.238	38.161	0.000	0.000	
22.40	53.28	0.000	0.000	0.000	0.000	0.000	11.650	41.630	0.000	0.000	
22.60	58.16	0.000	0.000	0.000	0.000	0.000	13.063	45.099	0.000	0.000	
22.80	63.04	0.000	0.000	0.000	0.000	0.000	14.475	48.568	0.000	0.000	
23.00	67.92	0.000	0.000	0.000	0.000	0.000	15.887	52.037	0.000	0.000	
23.20	72.81	0.000	0.000	0.000	0.000	0.000	17.299	55.506	0.000	0.000	
23.40	77.69	0.000	0.000	0.000	0.000	0.000	18.711	58.975	0.000	0.000	
23.60	82.57	0.000	0.000	0.000	0.000	0.000	20.123	62.445	0.000	0.000	
STAGE START:	20.00	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-46	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.53	0.00	0.00	1.34
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	81.76	52.63	0.00	0.00	134.39
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.82	0.53	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.25	21.82	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.82	21.82	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.02	0.14	0.000	0.000	0.000	0.000	0.000	0.038	0.105	0.000	0.000	
22.22	0.36	0.000	0.000	0.000	0.000	0.000	0.152	0.211	0.000	0.000	
22.42	0.63	0.000	0.000	0.000	0.000	0.000	0.315	0.316	0.000	0.000	
22.62	0.90	0.000	0.000	0.000	0.000	0.000	0.478	0.421	0.000	0.000	
22.82	1.17	0.000	0.000	0.000	0.000	0.000	0.642	0.526	0.000	0.000	
23.02	1.44	0.000	0.000	0.000	0.000	0.000	0.805	0.632	0.000	0.000	
23.22	1.71	0.000	0.000	0.000	0.000	0.000	0.969	0.737	0.000	0.000	
23.42	1.97	0.000	0.000	0.000	0.000	0.000	1.132	0.842	0.000	0.000	
23.62	2.24	0.000	0.000	0.000	0.000	0.000	1.296	0.947	0.000	0.000	
23.82	2.51	0.000	0.000	0.000	0.000	0.000	1.459	1.053	0.000	0.000	
24.02	2.78	0.000	0.000	0.000	0.000	0.000	1.623	1.158	0.000	0.000	
24.22	3.05	0.000	0.000	0.000	0.000	0.000	1.787	1.263	0.000	0.000	
24.42	3.32	0.000	0.000	0.000	0.000	0.000	1.950	1.368	0.000	0.000	
24.62	3.59	0.000	0.000	0.000	0.000	0.000	2.114	1.474	0.000	0.000	
24.82	3.86	0.000	0.000	0.000	0.000	0.000	2.277	1.579	0.000	0.000	
25.02	4.12	0.000	0.000	0.000	0.000	0.000	2.441	1.684	0.000	0.000	
25.22	4.39	0.000	0.000	0.000	0.000	0.000	2.604	1.789	0.000	0.000	
25.42	4.66	0.000	0.000	0.000	0.000	0.000	2.768	1.895	0.000	0.000	
STAGE START:	21.82	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-47	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.84	3.11	0.00	0.00	4.95
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	184.50	310.68	0.00	0.00	495.18
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.84	3.11	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	20.77	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.77	20.77	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.77	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.97	0.67	0.000	0.000	0.000	0.000	0.000	0.051	0.621	0.000	0.000
21.17	1.44	0.000	0.000	0.000	0.000	0.000	0.202	1.243	0.000	0.000
21.37	2.32	0.000	0.000	0.000	0.000	0.000	0.455	1.864	0.000	0.000
21.57	3.29	0.000	0.000	0.000	0.000	0.000	0.803	2.485	0.000	0.000
21.77	4.28	0.000	0.000	0.000	0.000	0.000	1.172	3.107	0.000	0.000
21.97	5.27	0.000	0.000	0.000	0.000	0.000	1.541	3.728	0.000	0.000
22.17	6.26	0.000	0.000	0.000	0.000	0.000	1.910	4.350	0.000	0.000
22.37	7.25	0.000	0.000	0.000	0.000	0.000	2.279	4.971	0.000	0.000
22.57	8.24	0.000	0.000	0.000	0.000	0.000	2.648	5.592	0.000	0.000
22.77	9.23	0.000	0.000	0.000	0.000	0.000	3.016	6.214	0.000	0.000
22.97	10.22	0.000	0.000	0.000	0.000	0.000	3.385	6.835	0.000	0.000
23.17	11.21	0.000	0.000	0.000	0.000	0.000	3.754	7.456	0.000	0.000
23.37	12.20	0.000	0.000	0.000	0.000	0.000	4.123	8.078	0.000	0.000
23.57	13.19	0.000	0.000	0.000	0.000	0.000	4.492	8.699	0.000	0.000
23.77	14.18	0.000	0.000	0.000	0.000	0.000	4.861	9.321	0.000	0.000
23.97	15.17	0.000	0.000	0.000	0.000	0.000	5.230	9.942	0.000	0.000
24.17	16.16	0.000	0.000	0.000	0.000	0.000	5.599	10.563	0.000	0.000
24.37	17.15	0.000	0.000	0.000	0.000	0.000	5.968	11.185	0.000	0.000
STAGE START:	20.77	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-48	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.77	2.97	0.00	0.00	4.74
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	177.19	297.20	0.00	0.00	474.38
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.77	2.97	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.66	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.66	20.66	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.66	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.86	0.70	0.000	0.000	0.000	0.000	0.000	0.104	0.594	0.000	0.000
21.06	1.60	0.000	0.000	0.000	0.000	0.000	0.408	1.189	0.000	0.000
21.26	2.55	0.000	0.000	0.000	0.000	0.000	0.762	1.783	0.000	0.000
21.46	3.49	0.000	0.000	0.000	0.000	0.000	1.116	2.378	0.000	0.000
21.66	4.44	0.000	0.000	0.000	0.000	0.000	1.471	2.972	0.000	0.000
21.86	5.39	0.000	0.000	0.000	0.000	0.000	1.825	3.566	0.000	0.000
22.06	6.34	0.000	0.000	0.000	0.000	0.000	2.179	4.161	0.000	0.000
22.26	7.29	0.000	0.000	0.000	0.000	0.000	2.534	4.755	0.000	0.000
22.46	8.24	0.000	0.000	0.000	0.000	0.000	2.888	5.350	0.000	0.000
22.66	9.19	0.000	0.000	0.000	0.000	0.000	3.242	5.944	0.000	0.000
22.86	10.14	0.000	0.000	0.000	0.000	0.000	3.597	6.538	0.000	0.000
23.06	11.08	0.000	0.000	0.000	0.000	0.000	3.951	7.133	0.000	0.000
23.26	12.03	0.000	0.000	0.000	0.000	0.000	4.306	7.727	0.000	0.000
23.46	12.98	0.000	0.000	0.000	0.000	0.000	4.660	8.322	0.000	0.000
23.66	13.93	0.000	0.000	0.000	0.000	0.000	5.014	8.916	0.000	0.000
23.86	14.88	0.000	0.000	0.000	0.000	0.000	5.369	9.510	0.000	0.000
24.06	15.83	0.000	0.000	0.000	0.000	0.000	5.723	10.105	0.000	0.000
24.26	16.78	0.000	0.000	0.000	0.000	0.000	6.077	10.699	0.000	0.000
STAGE START:	20.66	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-49	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.18	0.00	0.00	2.31
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	113.66	117.71	0.00	0.00	231.37
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.14	1.18	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.69	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.69	20.69	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.69	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.89	0.31	0.000	0.000	0.000	0.000	0.000	0.073	0.235	0.000	0.000
21.09	0.75	0.000	0.000	0.000	0.000	0.000	0.278	0.471	0.000	0.000
21.29	1.21	0.000	0.000	0.000	0.000	0.000	0.506	0.706	0.000	0.000
21.49	1.67	0.000	0.000	0.000	0.000	0.000	0.733	0.942	0.000	0.000
21.69	2.14	0.000	0.000	0.000	0.000	0.000	0.960	1.177	0.000	0.000
21.89	2.60	0.000	0.000	0.000	0.000	0.000	1.188	1.413	0.000	0.000
22.09	3.06	0.000	0.000	0.000	0.000	0.000	1.415	1.648	0.000	0.000
22.29	3.53	0.000	0.000	0.000	0.000	0.000	1.642	1.883	0.000	0.000
22.49	3.99	0.000	0.000	0.000	0.000	0.000	1.870	2.119	0.000	0.000
22.69	4.45	0.000	0.000	0.000	0.000	0.000	2.097	2.354	0.000	0.000
22.89	4.91	0.000	0.000	0.000	0.000	0.000	2.324	2.590	0.000	0.000
23.09	5.38	0.000	0.000	0.000	0.000	0.000	2.552	2.825	0.000	0.000
23.29	5.84	0.000	0.000	0.000	0.000	0.000	2.779	3.061	0.000	0.000
23.49	6.30	0.000	0.000	0.000	0.000	0.000	3.006	3.296	0.000	0.000
23.69	6.76	0.000	0.000	0.000	0.000	0.000	3.233	3.531	0.000	0.000
23.89	7.23	0.000	0.000	0.000	0.000	0.000	3.461	3.767	0.000	0.000
24.09	7.69	0.000	0.000	0.000	0.000	0.000	3.688	4.002	0.000	0.000
24.29	8.15	0.000	0.000	0.000	0.000	0.000	3.915	4.238	0.000	0.000
STAGE START:	20.69	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-50	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.30	0.00	0.00	0.99
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	68.68	29.93	0.00	0.00	98.60
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.69	0.30	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	20.84	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.84	20.84	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.04	0.08	0.000	0.000	0.000	0.000	0.000	0.021	0.060	0.000	0.000	
21.24	0.20	0.000	0.000	0.000	0.000	0.000	0.083	0.120	0.000	0.000	
21.44	0.37	0.000	0.000	0.000	0.000	0.000	0.187	0.180	0.000	0.000	
21.64	0.56	0.000	0.000	0.000	0.000	0.000	0.323	0.239	0.000	0.000	
21.84	0.76	0.000	0.000	0.000	0.000	0.000	0.460	0.299	0.000	0.000	
22.04	0.96	0.000	0.000	0.000	0.000	0.000	0.597	0.359	0.000	0.000	
22.24	1.15	0.000	0.000	0.000	0.000	0.000	0.735	0.419	0.000	0.000	
22.44	1.35	0.000	0.000	0.000	0.000	0.000	0.872	0.479	0.000	0.000	
22.64	1.55	0.000	0.000	0.000	0.000	0.000	1.010	0.539	0.000	0.000	
22.84	1.75	0.000	0.000	0.000	0.000	0.000	1.147	0.599	0.000	0.000	
23.04	1.94	0.000	0.000	0.000	0.000	0.000	1.284	0.658	0.000	0.000	
23.24	2.14	0.000	0.000	0.000	0.000	0.000	1.422	0.718	0.000	0.000	
23.44	2.34	0.000	0.000	0.000	0.000	0.000	1.559	0.778	0.000	0.000	
23.64	2.53	0.000	0.000	0.000	0.000	0.000	1.696	0.838	0.000	0.000	
23.84	2.73	0.000	0.000	0.000	0.000	0.000	1.834	0.898	0.000	0.000	
24.04	2.93	0.000	0.000	0.000	0.000	0.000	1.971	0.958	0.000	0.000	
24.24	3.13	0.000	0.000	0.000	0.000	0.000	2.108	1.018	0.000	0.000	
24.44	3.32	0.000	0.000	0.000	0.000	0.000	2.246	1.077	0.000	0.000	
STAGE START:	20.84	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-51	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.09	0.00	0.00	0.60
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	50.51	9.04	0.00	0.00	59.54
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.51	0.09	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.10	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.10	21.10	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.10	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.30	0.04	0.000	0.000	0.000	0.000	0.000	0.025	0.018	0.000	0.000
21.50	0.14	0.000	0.000	0.000	0.000	0.000	0.101	0.036	0.000	0.000
21.70	0.26	0.000	0.000	0.000	0.000	0.000	0.202	0.054	0.000	0.000
21.90	0.38	0.000	0.000	0.000	0.000	0.000	0.303	0.072	0.000	0.000
22.10	0.49	0.000	0.000	0.000	0.000	0.000	0.404	0.090	0.000	0.000
22.30	0.61	0.000	0.000	0.000	0.000	0.000	0.505	0.108	0.000	0.000
22.50	0.73	0.000	0.000	0.000	0.000	0.000	0.606	0.126	0.000	0.000
22.70	0.85	0.000	0.000	0.000	0.000	0.000	0.707	0.145	0.000	0.000
22.90	0.97	0.000	0.000	0.000	0.000	0.000	0.808	0.163	0.000	0.000
23.10	1.09	0.000	0.000	0.000	0.000	0.000	0.909	0.181	0.000	0.000
23.30	1.21	0.000	0.000	0.000	0.000	0.000	1.010	0.199	0.000	0.000
23.50	1.33	0.000	0.000	0.000	0.000	0.000	1.111	0.217	0.000	0.000
23.70	1.45	0.000	0.000	0.000	0.000	0.000	1.212	0.235	0.000	0.000
23.90	1.57	0.000	0.000	0.000	0.000	0.000	1.313	0.253	0.000	0.000
24.10	1.69	0.000	0.000	0.000	0.000	0.000	1.414	0.271	0.000	0.000
24.30	1.80	0.000	0.000	0.000	0.000	0.000	1.515	0.289	0.000	0.000
24.50	1.92	0.000	0.000	0.000	0.000	0.000	1.616	0.307	0.000	0.000
24.70	2.04	0.000	0.000	0.000	0.000	0.000	1.717	0.325	0.000	0.000
STAGE START:	21.10	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-52	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.76	1.74	0.00	0.00	3.50
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	176.23	174.08	0.00	0.00	350.31
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.76	1.74	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	20.82	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.82	20.82	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.82	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.02	0.40	0.000	0.000	0.000	0.000	0.000	0.052	0.348	0.000	0.000
21.22	0.90	0.000	0.000	0.000	0.000	0.000	0.207	0.696	0.000	0.000
21.42	1.51	0.000	0.000	0.000	0.000	0.000	0.466	1.044	0.000	0.000
21.62	2.20	0.000	0.000	0.000	0.000	0.000	0.811	1.393	0.000	0.000
21.82	2.90	0.000	0.000	0.000	0.000	0.000	1.163	1.741	0.000	0.000
22.02	3.60	0.000	0.000	0.000	0.000	0.000	1.516	2.089	0.000	0.000
22.22	4.31	0.000	0.000	0.000	0.000	0.000	1.868	2.437	0.000	0.000
22.42	5.01	0.000	0.000	0.000	0.000	0.000	2.221	2.785	0.000	0.000
22.62	5.71	0.000	0.000	0.000	0.000	0.000	2.573	3.133	0.000	0.000
22.82	6.41	0.000	0.000	0.000	0.000	0.000	2.925	3.482	0.000	0.000
23.02	7.11	0.000	0.000	0.000	0.000	0.000	3.278	3.830	0.000	0.000
23.22	7.81	0.000	0.000	0.000	0.000	0.000	3.630	4.178	0.000	0.000
23.42	8.51	0.000	0.000	0.000	0.000	0.000	3.983	4.526	0.000	0.000
23.62	9.21	0.000	0.000	0.000	0.000	0.000	4.335	4.874	0.000	0.000
23.82	9.91	0.000	0.000	0.000	0.000	0.000	4.688	5.222	0.000	0.000
24.02	10.61	0.000	0.000	0.000	0.000	0.000	5.040	5.571	0.000	0.000
24.22	11.31	0.000	0.000	0.000	0.000	0.000	5.393	5.919	0.000	0.000
24.42	12.01	0.000	0.000	0.000	0.000	0.000	5.745	6.267	0.000	0.000
STAGE START:	20.82	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-53	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.23	5.10	0.00	0.00	7.33
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	222.98	509.55	0.00	0.00	732.53
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.23	5.10	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.42	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.42	21.42	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.42	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.62	1.38	0.000	0.000	0.000	0.000	0.000	0.357	1.019	0.000	0.000
21.82	2.84	0.000	0.000	0.000	0.000	0.000	0.803	2.038	0.000	0.000
22.02	4.31	0.000	0.000	0.000	0.000	0.000	1.249	3.057	0.000	0.000
22.22	5.77	0.000	0.000	0.000	0.000	0.000	1.695	4.076	0.000	0.000
22.42	7.24	0.000	0.000	0.000	0.000	0.000	2.141	5.095	0.000	0.000
22.62	8.70	0.000	0.000	0.000	0.000	0.000	2.587	6.115	0.000	0.000
22.82	10.17	0.000	0.000	0.000	0.000	0.000	3.033	7.134	0.000	0.000
23.02	11.63	0.000	0.000	0.000	0.000	0.000	3.478	8.153	0.000	0.000
23.22	13.10	0.000	0.000	0.000	0.000	0.000	3.924	9.172	0.000	0.000
23.42	14.56	0.000	0.000	0.000	0.000	0.000	4.370	10.191	0.000	0.000
23.62	16.03	0.000	0.000	0.000	0.000	0.000	4.816	11.210	0.000	0.000
23.82	17.49	0.000	0.000	0.000	0.000	0.000	5.262	12.229	0.000	0.000
24.02	18.96	0.000	0.000	0.000	0.000	0.000	5.708	13.248	0.000	0.000
24.22	20.42	0.000	0.000	0.000	0.000	0.000	6.154	14.267	0.000	0.000
24.42	21.89	0.000	0.000	0.000	0.000	0.000	6.600	15.286	0.000	0.000
24.62	23.35	0.000	0.000	0.000	0.000	0.000	7.046	16.306	0.000	0.000
24.82	24.82	0.000	0.000	0.000	0.000	0.000	7.492	17.325	0.000	0.000
25.02	26.28	0.000	0.000	0.000	0.000	0.000	7.938	18.344	0.000	0.000
STAGE START:	21.42	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-54	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.87	4.70	0.00	0.00	7.57
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	287.01	470.46	0.00	0.00	757.47
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.87	4.70	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.30	20.87	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.87	20.87	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
20.87	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.07	1.07	0.000	0.000	0.000	0.000	0.000	0.133	0.941	0.000	0.000		
21.27	2.42	0.000	0.000	0.000	0.000	0.000	0.534	1.882	0.000	0.000		
21.47	3.93	0.000	0.000	0.000	0.000	0.000	1.105	2.823	0.000	0.000		
21.67	5.44	0.000	0.000	0.000	0.000	0.000	1.679	3.764	0.000	0.000		
21.87	6.96	0.000	0.000	0.000	0.000	0.000	2.253	4.705	0.000	0.000		
22.07	8.47	0.000	0.000	0.000	0.000	0.000	2.827	5.646	0.000	0.000		
22.27	9.99	0.000	0.000	0.000	0.000	0.000	3.401	6.586	0.000	0.000		
22.47	11.50	0.000	0.000	0.000	0.000	0.000	3.975	7.527	0.000	0.000		
22.67	13.02	0.000	0.000	0.000	0.000	0.000	4.549	8.468	0.000	0.000		
22.87	14.53	0.000	0.000	0.000	0.000	0.000	5.123	9.409	0.000	0.000		
23.07	16.05	0.000	0.000	0.000	0.000	0.000	5.697	10.350	0.000	0.000		
23.27	17.56	0.000	0.000	0.000	0.000	0.000	6.271	11.291	0.000	0.000		
23.47	19.08	0.000	0.000	0.000	0.000	0.000	6.845	12.232	0.000	0.000		
23.67	20.59	0.000	0.000	0.000	0.000	0.000	7.419	13.173	0.000	0.000		
23.87	22.11	0.000	0.000	0.000	0.000	0.000	7.993	14.114	0.000	0.000		
24.07	23.62	0.000	0.000	0.000	0.000	0.000	8.567	15.055	0.000	0.000		
24.27	25.14	0.000	0.000	0.000	0.000	0.000	9.141	15.996	0.000	0.000		
24.47	26.65	0.000	0.000	0.000	0.000	0.000	9.715	16.937	0.000	0.000		
STAGE START:	20.87	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-55	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.92	0.00	0.00	1.97
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	105.38	91.80	0.00	0.00	197.18
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.05	0.92	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.36	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.36	21.36	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.56	0.22	0.000	0.000	0.000	0.000	0.000	0.033	0.184	0.000	0.000	
21.76	0.50	0.000	0.000	0.000	0.000	0.000	0.132	0.367	0.000	0.000	
21.96	0.85	0.000	0.000	0.000	0.000	0.000	0.296	0.551	0.000	0.000	
22.16	1.24	0.000	0.000	0.000	0.000	0.000	0.506	0.734	0.000	0.000	
22.36	1.63	0.000	0.000	0.000	0.000	0.000	0.717	0.918	0.000	0.000	
22.56	2.03	0.000	0.000	0.000	0.000	0.000	0.927	1.102	0.000	0.000	
22.76	2.42	0.000	0.000	0.000	0.000	0.000	1.138	1.285	0.000	0.000	
22.96	2.82	0.000	0.000	0.000	0.000	0.000	1.349	1.469	0.000	0.000	
23.16	3.21	0.000	0.000	0.000	0.000	0.000	1.560	1.652	0.000	0.000	
23.36	3.61	0.000	0.000	0.000	0.000	0.000	1.770	1.836	0.000	0.000	
23.56	4.00	0.000	0.000	0.000	0.000	0.000	1.981	2.020	0.000	0.000	
23.76	4.40	0.000	0.000	0.000	0.000	0.000	2.192	2.203	0.000	0.000	
23.96	4.79	0.000	0.000	0.000	0.000	0.000	2.403	2.387	0.000	0.000	
24.16	5.18	0.000	0.000	0.000	0.000	0.000	2.613	2.570	0.000	0.000	
24.36	5.58	0.000	0.000	0.000	0.000	0.000	2.824	2.754	0.000	0.000	
24.56	5.97	0.000	0.000	0.000	0.000	0.000	3.035	2.938	0.000	0.000	
24.76	6.37	0.000	0.000	0.000	0.000	0.000	3.246	3.121	0.000	0.000	
24.96	6.76	0.000	0.000	0.000	0.000	0.000	3.456	3.305	0.000	0.000	
STAGE START:	21.36	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-56	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.86	0.00	0.00	1.86
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	100.29	85.91	0.00	0.00	186.20
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.00	0.86	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.77	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.77	21.77	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.77	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.97	0.26	0.000	0.000	0.000	0.000	0.000	0.087	0.172	0.000	0.000	
22.17	0.63	0.000	0.000	0.000	0.000	0.000	0.286	0.344	0.000	0.000	
22.37	1.00	0.000	0.000	0.000	0.000	0.000	0.486	0.515	0.000	0.000	
22.57	1.37	0.000	0.000	0.000	0.000	0.000	0.687	0.687	0.000	0.000	
22.77	1.75	0.000	0.000	0.000	0.000	0.000	0.888	0.859	0.000	0.000	
22.97	2.12	0.000	0.000	0.000	0.000	0.000	1.088	1.031	0.000	0.000	
23.17	2.49	0.000	0.000	0.000	0.000	0.000	1.289	1.203	0.000	0.000	
23.37	2.86	0.000	0.000	0.000	0.000	0.000	1.489	1.375	0.000	0.000	
23.57	3.24	0.000	0.000	0.000	0.000	0.000	1.690	1.546	0.000	0.000	
23.77	3.61	0.000	0.000	0.000	0.000	0.000	1.891	1.718	0.000	0.000	
23.97	3.98	0.000	0.000	0.000	0.000	0.000	2.091	1.890	0.000	0.000	
24.17	4.35	0.000	0.000	0.000	0.000	0.000	2.292	2.062	0.000	0.000	
24.37	4.73	0.000	0.000	0.000	0.000	0.000	2.492	2.234	0.000	0.000	
24.57	5.10	0.000	0.000	0.000	0.000	0.000	2.693	2.405	0.000	0.000	
24.77	5.47	0.000	0.000	0.000	0.000	0.000	2.894	2.577	0.000	0.000	
24.97	5.84	0.000	0.000	0.000	0.000	0.000	3.094	2.749	0.000	0.000	
25.17	6.22	0.000	0.000	0.000	0.000	0.000	3.295	2.921	0.000	0.000	
25.37	6.59	0.000	0.000	0.000	0.000	0.000	3.495	3.093	0.000	0.000	
STAGE START:	21.77	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-57	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.21	0.00	0.00	0.97
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	76.55	20.75	0.00	0.00	97.30
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.77	0.21	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.70	20.86	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.86	20.86	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.06	0.06	0.000	0.000	0.000	0.000	0.000	0.018	0.042	0.000	0.000
21.26	0.16	0.000	0.000	0.000	0.000	0.000	0.073	0.083	0.000	0.000
21.46	0.29	0.000	0.000	0.000	0.000	0.000	0.164	0.125	0.000	0.000
21.66	0.46	0.000	0.000	0.000	0.000	0.000	0.292	0.166	0.000	0.000
21.86	0.65	0.000	0.000	0.000	0.000	0.000	0.444	0.208	0.000	0.000
22.06	0.85	0.000	0.000	0.000	0.000	0.000	0.597	0.249	0.000	0.000
22.26	1.04	0.000	0.000	0.000	0.000	0.000	0.750	0.291	0.000	0.000
22.46	1.24	0.000	0.000	0.000	0.000	0.000	0.903	0.332	0.000	0.000
22.66	1.43	0.000	0.000	0.000	0.000	0.000	1.056	0.374	0.000	0.000
22.86	1.62	0.000	0.000	0.000	0.000	0.000	1.209	0.415	0.000	0.000
23.06	1.82	0.000	0.000	0.000	0.000	0.000	1.363	0.457	0.000	0.000
23.26	2.01	0.000	0.000	0.000	0.000	0.000	1.516	0.498	0.000	0.000
23.46	2.21	0.000	0.000	0.000	0.000	0.000	1.669	0.540	0.000	0.000
23.66	2.40	0.000	0.000	0.000	0.000	0.000	1.822	0.581	0.000	0.000
23.86	2.60	0.000	0.000	0.000	0.000	0.000	1.975	0.623	0.000	0.000
24.06	2.79	0.000	0.000	0.000	0.000	0.000	2.128	0.664	0.000	0.000
24.26	2.99	0.000	0.000	0.000	0.000	0.000	2.281	0.706	0.000	0.000
24.46	3.18	0.000	0.000	0.000	0.000	0.000	2.434	0.747	0.000	0.000
STAGE START:	20.86	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-58	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.72	9.15	0.00	0.00	12.88
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	372.37	915.20	0.00	0.00	1287.57
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.72	9.15	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.28	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.28	20.28	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
20.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
20.48	1.93	0.000	0.000	0.000	0.000	0.000	0.103	1.830	0.000	0.000		
20.68	4.07	0.000	0.000	0.000	0.000	0.000	0.414	3.661	0.000	0.000		
20.88	6.42	0.000	0.000	0.000	0.000	0.000	0.931	5.491	0.000	0.000		
21.08	8.96	0.000	0.000	0.000	0.000	0.000	1.638	7.322	0.000	0.000		
21.28	11.54	0.000	0.000	0.000	0.000	0.000	2.383	9.152	0.000	0.000		
21.48	14.11	0.000	0.000	0.000	0.000	0.000	3.128	10.982	0.000	0.000		
21.68	16.69	0.000	0.000	0.000	0.000	0.000	3.873	12.813	0.000	0.000		
21.88	19.26	0.000	0.000	0.000	0.000	0.000	4.617	14.643	0.000	0.000		
22.08	21.84	0.000	0.000	0.000	0.000	0.000	5.362	16.474	0.000	0.000		
22.28	24.41	0.000	0.000	0.000	0.000	0.000	6.107	18.304	0.000	0.000		
22.48	26.99	0.000	0.000	0.000	0.000	0.000	6.852	20.134	0.000	0.000		
22.68	29.56	0.000	0.000	0.000	0.000	0.000	7.596	21.965	0.000	0.000		
22.88	32.14	0.000	0.000	0.000	0.000	0.000	8.341	23.795	0.000	0.000		
23.08	34.71	0.000	0.000	0.000	0.000	0.000	9.086	25.626	0.000	0.000		
23.28	37.29	0.000	0.000	0.000	0.000	0.000	9.831	27.456	0.000	0.000		
23.48	39.86	0.000	0.000	0.000	0.000	0.000	10.575	29.286	0.000	0.000		
23.68	42.44	0.000	0.000	0.000	0.000	0.000	11.320	31.117	0.000	0.000		
23.88	45.01	0.000	0.000	0.000	0.000	0.000	12.065	32.947	0.000	0.000		
STAGE START:	20.28	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-59	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.79	2.25	0.00	0.00	4.04
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	179.07	224.79	0.00	0.00	403.86
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.79	2.25	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	20.81	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.81	20.81	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.01	0.48	0.000	0.000	0.000	0.000	0.000	0.030	0.450	0.000	0.000	
21.21	1.02	0.000	0.000	0.000	0.000	0.000	0.120	0.899	0.000	0.000	
21.41	1.62	0.000	0.000	0.000	0.000	0.000	0.271	1.349	0.000	0.000	
21.61	2.28	0.000	0.000	0.000	0.000	0.000	0.482	1.798	0.000	0.000	
21.81	3.00	0.000	0.000	0.000	0.000	0.000	0.752	2.248	0.000	0.000	
22.01	3.78	0.000	0.000	0.000	0.000	0.000	1.083	2.697	0.000	0.000	
22.21	4.59	0.000	0.000	0.000	0.000	0.000	1.442	3.147	0.000	0.000	
22.41	5.40	0.000	0.000	0.000	0.000	0.000	1.800	3.597	0.000	0.000	
22.61	6.20	0.000	0.000	0.000	0.000	0.000	2.158	4.046	0.000	0.000	
22.81	7.01	0.000	0.000	0.000	0.000	0.000	2.516	4.496	0.000	0.000	
23.01	7.82	0.000	0.000	0.000	0.000	0.000	2.874	4.945	0.000	0.000	
23.21	8.63	0.000	0.000	0.000	0.000	0.000	3.232	5.395	0.000	0.000	
23.41	9.43	0.000	0.000	0.000	0.000	0.000	3.590	5.844	0.000	0.000	
23.61	10.24	0.000	0.000	0.000	0.000	0.000	3.948	6.294	0.000	0.000	
23.81	11.05	0.000	0.000	0.000	0.000	0.000	4.307	6.744	0.000	0.000	
24.01	11.86	0.000	0.000	0.000	0.000	0.000	4.665	7.193	0.000	0.000	
24.21	12.67	0.000	0.000	0.000	0.000	0.000	5.023	7.643	0.000	0.000	
24.41	13.47	0.000	0.000	0.000	0.000	0.000	5.381	8.092	0.000	0.000	
STAGE START:	20.81	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-60	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	10.72	39.90	0.00	0.00	50.61
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	1071.80	3989.63	0.00	0.00	5061.42
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	10.72	39.90	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.60	21.19	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.19	21.19	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.19	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.39	8.13	0.000	0.000	0.000	0.000	0.000	0.152	7.979	0.000	0.000	
21.59	16.57	0.000	0.000	0.000	0.000	0.000	0.608	15.959	0.000	0.000	
21.79	25.31	0.000	0.000	0.000	0.000	0.000	1.368	23.938	0.000	0.000	
21.99	34.35	0.000	0.000	0.000	0.000	0.000	2.432	31.917	0.000	0.000	
22.19	43.70	0.000	0.000	0.000	0.000	0.000	3.801	39.896	0.000	0.000	
22.39	53.35	0.000	0.000	0.000	0.000	0.000	5.473	47.876	0.000	0.000	
22.59	63.30	0.000	0.000	0.000	0.000	0.000	7.449	55.855	0.000	0.000	
22.79	73.43	0.000	0.000	0.000	0.000	0.000	9.593	63.834	0.000	0.000	
22.99	83.55	0.000	0.000	0.000	0.000	0.000	11.736	71.813	0.000	0.000	
23.19	93.67	0.000	0.000	0.000	0.000	0.000	13.880	79.793	0.000	0.000	
23.39	103.80	0.000	0.000	0.000	0.000	0.000	16.023	87.772	0.000	0.000	
23.59	113.92	0.000	0.000	0.000	0.000	0.000	18.167	95.751	0.000	0.000	
23.79	124.04	0.000	0.000	0.000	0.000	0.000	20.311	103.730	0.000	0.000	
23.99	134.16	0.000	0.000	0.000	0.000	0.000	22.454	111.710	0.000	0.000	
24.19	144.29	0.000	0.000	0.000	0.000	0.000	24.598	119.689	0.000	0.000	
24.39	154.41	0.000	0.000	0.000	0.000	0.000	26.741	127.668	0.000	0.000	
24.59	164.53	0.000	0.000	0.000	0.000	0.000	28.885	135.647	0.000	0.000	
24.79	174.66	0.000	0.000	0.000	0.000	0.000	31.028	143.627	0.000	0.000	
STAGE START:	21.19	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-61	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.75	1.43	0.00	0.00	3.18
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	175.20	143.09	0.00	0.00	318.29
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.75	1.43	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.70	19.63	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.63	19.63	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.63	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.83	0.30	0.000	0.000	0.000	0.000	0.000	0.017	0.286	0.000	0.000	
20.03	0.64	0.000	0.000	0.000	0.000	0.000	0.068	0.572	0.000	0.000	
20.23	1.01	0.000	0.000	0.000	0.000	0.000	0.152	0.859	0.000	0.000	
20.43	1.42	0.000	0.000	0.000	0.000	0.000	0.271	1.145	0.000	0.000	
20.63	1.85	0.000	0.000	0.000	0.000	0.000	0.423	1.431	0.000	0.000	
20.83	2.33	0.000	0.000	0.000	0.000	0.000	0.609	1.717	0.000	0.000	
21.03	2.83	0.000	0.000	0.000	0.000	0.000	0.829	2.003	0.000	0.000	
21.23	3.37	0.000	0.000	0.000	0.000	0.000	1.083	2.289	0.000	0.000	
21.43	3.95	0.000	0.000	0.000	0.000	0.000	1.371	2.576	0.000	0.000	
21.63	4.55	0.000	0.000	0.000	0.000	0.000	1.693	2.862	0.000	0.000	
21.83	5.19	0.000	0.000	0.000	0.000	0.000	2.041	3.148	0.000	0.000	
22.03	5.83	0.000	0.000	0.000	0.000	0.000	2.391	3.434	0.000	0.000	
22.23	6.46	0.000	0.000	0.000	0.000	0.000	2.742	3.720	0.000	0.000	
22.43	7.10	0.000	0.000	0.000	0.000	0.000	3.092	4.006	0.000	0.000	
22.63	7.74	0.000	0.000	0.000	0.000	0.000	3.443	4.293	0.000	0.000	
22.83	8.37	0.000	0.000	0.000	0.000	0.000	3.793	4.579	0.000	0.000	
23.03	9.01	0.000	0.000	0.000	0.000	0.000	4.143	4.865	0.000	0.000	
23.23	9.64	0.000	0.000	0.000	0.000	0.000	4.494	5.151	0.000	0.000	
STAGE START:	19.63	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-62	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.27	3.09	0.00	0.00	5.36
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	227.35	308.98	0.00	0.00	536.32
COMPOSITE CN											100

STAGE STORAGE TABLE												
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.		
STORAGE TYPE		L	V	L	L	V	L	V	L	V		
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.27	3.09	0.00	0.00		
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.29	0.00	0.00		
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.29	21.29	0.00	0.00		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT		
21.29	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
21.49	0.68	0.000	0.000	0.000	0.000	0.000	0.064	0.618	0.000	0.000		
21.69	1.49	0.000	0.000	0.000	0.000	0.000	0.256	1.236	0.000	0.000		
21.89	2.43	0.000	0.000	0.000	0.000	0.000	0.576	1.854	0.000	0.000		
22.09	3.48	0.000	0.000	0.000	0.000	0.000	1.012	2.472	0.000	0.000		
22.29	4.56	0.000	0.000	0.000	0.000	0.000	1.466	3.090	0.000	0.000		
22.49	5.63	0.000	0.000	0.000	0.000	0.000	1.921	3.708	0.000	0.000		
22.69	6.70	0.000	0.000	0.000	0.000	0.000	2.376	4.326	0.000	0.000		
22.89	7.77	0.000	0.000	0.000	0.000	0.000	2.830	4.944	0.000	0.000		
23.09	8.85	0.000	0.000	0.000	0.000	0.000	3.285	5.562	0.000	0.000		
23.29	9.92	0.000	0.000	0.000	0.000	0.000	3.740	6.180	0.000	0.000		
23.49	10.99	0.000	0.000	0.000	0.000	0.000	4.195	6.797	0.000	0.000		
23.69	12.06	0.000	0.000	0.000	0.000	0.000	4.649	7.415	0.000	0.000		
23.89	13.14	0.000	0.000	0.000	0.000	0.000	5.104	8.033	0.000	0.000		
24.09	14.21	0.000	0.000	0.000	0.000	0.000	5.559	8.651	0.000	0.000		
24.29	15.28	0.000	0.000	0.000	0.000	0.000	6.013	9.269	0.000	0.000		
24.49	16.36	0.000	0.000	0.000	0.000	0.000	6.468	9.887	0.000	0.000		
24.69	17.43	0.000	0.000	0.000	0.000	0.000	6.923	10.505	0.000	0.000		
24.89	18.50	0.000	0.000	0.000	0.000	0.000	7.377	11.123	0.000	0.000		
STAGE START:	21.29	STAGE STEP:	0.2									

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-63	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.41	0.00	0.00	2.67
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	126.88	140.61	0.00	0.00	267.49
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.27	1.41	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.14	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.14	21.14	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.14	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.34	0.35	0.000	0.000	0.000	0.000	0.000	0.070	0.281	0.000	0.000	
21.54	0.84	0.000	0.000	0.000	0.000	0.000	0.279	0.562	0.000	0.000	
21.74	1.38	0.000	0.000	0.000	0.000	0.000	0.533	0.844	0.000	0.000	
21.94	1.91	0.000	0.000	0.000	0.000	0.000	0.787	1.125	0.000	0.000	
22.14	2.45	0.000	0.000	0.000	0.000	0.000	1.040	1.406	0.000	0.000	
22.34	2.98	0.000	0.000	0.000	0.000	0.000	1.294	1.687	0.000	0.000	
22.54	3.52	0.000	0.000	0.000	0.000	0.000	1.548	1.969	0.000	0.000	
22.74	4.05	0.000	0.000	0.000	0.000	0.000	1.802	2.250	0.000	0.000	
22.94	4.59	0.000	0.000	0.000	0.000	0.000	2.056	2.531	0.000	0.000	
23.14	5.12	0.000	0.000	0.000	0.000	0.000	2.309	2.812	0.000	0.000	
23.34	5.66	0.000	0.000	0.000	0.000	0.000	2.563	3.093	0.000	0.000	
23.54	6.19	0.000	0.000	0.000	0.000	0.000	2.817	3.375	0.000	0.000	
23.74	6.73	0.000	0.000	0.000	0.000	0.000	3.071	3.656	0.000	0.000	
23.94	7.26	0.000	0.000	0.000	0.000	0.000	3.324	3.937	0.000	0.000	
24.14	7.80	0.000	0.000	0.000	0.000	0.000	3.578	4.218	0.000	0.000	
24.34	8.33	0.000	0.000	0.000	0.000	0.000	3.832	4.499	0.000	0.000	
24.54	8.87	0.000	0.000	0.000	0.000	0.000	4.086	4.781	0.000	0.000	
24.74	9.40	0.000	0.000	0.000	0.000	0.000	4.339	5.062	0.000	0.000	
STAGE START:	21.14	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-64	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.68	0.00	0.00	1.63
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	94.18	68.49	0.00	0.00	162.67
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.94	0.68	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.16	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.16	21.16	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.16	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.36	0.16	0.000	0.000	0.000	0.000	0.000	0.022	0.137	0.000	0.000	
21.56	0.36	0.000	0.000	0.000	0.000	0.000	0.090	0.274	0.000	0.000	
21.76	0.61	0.000	0.000	0.000	0.000	0.000	0.202	0.411	0.000	0.000	
21.96	0.91	0.000	0.000	0.000	0.000	0.000	0.359	0.548	0.000	0.000	
22.16	1.23	0.000	0.000	0.000	0.000	0.000	0.546	0.685	0.000	0.000	
22.36	1.56	0.000	0.000	0.000	0.000	0.000	0.735	0.822	0.000	0.000	
22.56	1.88	0.000	0.000	0.000	0.000	0.000	0.923	0.959	0.000	0.000	
22.76	2.21	0.000	0.000	0.000	0.000	0.000	1.111	1.096	0.000	0.000	
22.96	2.53	0.000	0.000	0.000	0.000	0.000	1.300	1.233	0.000	0.000	
23.16	2.86	0.000	0.000	0.000	0.000	0.000	1.488	1.370	0.000	0.000	
23.36	3.18	0.000	0.000	0.000	0.000	0.000	1.676	1.507	0.000	0.000	
23.56	3.51	0.000	0.000	0.000	0.000	0.000	1.865	1.644	0.000	0.000	
23.76	3.83	0.000	0.000	0.000	0.000	0.000	2.053	1.781	0.000	0.000	
23.96	4.16	0.000	0.000	0.000	0.000	0.000	2.241	1.918	0.000	0.000	
24.16	4.48	0.000	0.000	0.000	0.000	0.000	2.430	2.055	0.000	0.000	
24.36	4.81	0.000	0.000	0.000	0.000	0.000	2.618	2.192	0.000	0.000	
24.56	5.14	0.000	0.000	0.000	0.000	0.000	2.807	2.329	0.000	0.000	
24.76	5.46	0.000	0.000	0.000	0.000	0.000	2.995	2.466	0.000	0.000	
STAGE START:	21.16	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-65	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.27	5.63	0.00	0.00	7.90
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	227.15	563.21	0.00	0.00	790.36
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.27	5.63	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.40	22.12	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.12	22.12	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.12	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.32	1.29	0.000	0.000	0.000	0.000	0.000	0.162	1.126	0.000	0.000	
22.52	2.84	0.000	0.000	0.000	0.000	0.000	0.591	2.253	0.000	0.000	
22.72	4.42	0.000	0.000	0.000	0.000	0.000	1.045	3.379	0.000	0.000	
22.92	6.00	0.000	0.000	0.000	0.000	0.000	1.499	4.506	0.000	0.000	
23.12	7.59	0.000	0.000	0.000	0.000	0.000	1.953	5.632	0.000	0.000	
23.32	9.17	0.000	0.000	0.000	0.000	0.000	2.408	6.759	0.000	0.000	
23.52	10.75	0.000	0.000	0.000	0.000	0.000	2.862	7.885	0.000	0.000	
23.72	12.33	0.000	0.000	0.000	0.000	0.000	3.316	9.011	0.000	0.000	
23.92	13.91	0.000	0.000	0.000	0.000	0.000	3.771	10.138	0.000	0.000	
24.12	15.49	0.000	0.000	0.000	0.000	0.000	4.225	11.264	0.000	0.000	
24.32	17.07	0.000	0.000	0.000	0.000	0.000	4.679	12.391	0.000	0.000	
24.52	18.65	0.000	0.000	0.000	0.000	0.000	5.134	13.517	0.000	0.000	
24.72	20.23	0.000	0.000	0.000	0.000	0.000	5.588	14.644	0.000	0.000	
24.92	21.81	0.000	0.000	0.000	0.000	0.000	6.042	15.770	0.000	0.000	
25.12	23.39	0.000	0.000	0.000	0.000	0.000	6.496	16.896	0.000	0.000	
25.32	24.97	0.000	0.000	0.000	0.000	0.000	6.951	18.023	0.000	0.000	
25.52	26.55	0.000	0.000	0.000	0.000	0.000	7.405	19.149	0.000	0.000	
25.72	28.13	0.000	0.000	0.000	0.000	0.000	7.859	20.276	0.000	0.000	
STAGE START:	22.12	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-66	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.14	0.00	0.00	0.70
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	56.20	14.21	0.00	0.00	70.42
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.56	0.14	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.67	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.67	21.67	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.67	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.87	0.06	0.000	0.000	0.000	0.000	0.000	0.034	0.028	0.000	0.000	
22.07	0.19	0.000	0.000	0.000	0.000	0.000	0.132	0.057	0.000	0.000	
22.27	0.33	0.000	0.000	0.000	0.000	0.000	0.244	0.085	0.000	0.000	
22.47	0.47	0.000	0.000	0.000	0.000	0.000	0.357	0.114	0.000	0.000	
22.67	0.61	0.000	0.000	0.000	0.000	0.000	0.469	0.142	0.000	0.000	
22.87	0.75	0.000	0.000	0.000	0.000	0.000	0.582	0.171	0.000	0.000	
23.07	0.89	0.000	0.000	0.000	0.000	0.000	0.694	0.199	0.000	0.000	
23.27	1.03	0.000	0.000	0.000	0.000	0.000	0.807	0.227	0.000	0.000	
23.47	1.17	0.000	0.000	0.000	0.000	0.000	0.919	0.256	0.000	0.000	
23.67	1.32	0.000	0.000	0.000	0.000	0.000	1.031	0.284	0.000	0.000	
23.87	1.46	0.000	0.000	0.000	0.000	0.000	1.144	0.313	0.000	0.000	
24.07	1.60	0.000	0.000	0.000	0.000	0.000	1.256	0.341	0.000	0.000	
24.27	1.74	0.000	0.000	0.000	0.000	0.000	1.369	0.370	0.000	0.000	
24.47	1.88	0.000	0.000	0.000	0.000	0.000	1.481	0.398	0.000	0.000	
24.67	2.02	0.000	0.000	0.000	0.000	0.000	1.593	0.426	0.000	0.000	
24.87	2.16	0.000	0.000	0.000	0.000	0.000	1.706	0.455	0.000	0.000	
25.07	2.30	0.000	0.000	0.000	0.000	0.000	1.818	0.483	0.000	0.000	
25.27	2.44	0.000	0.000	0.000	0.000	0.000	1.931	0.512	0.000	0.000	
STAGE START:	21.67	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-67	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.85	0.00	0.00	1.87
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	101.89	84.66	0.00	0.00	186.55
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.02	0.85	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.70	21.02	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.02	21.02	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.02	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.22	0.18	0.000	0.000	0.000	0.000	0.000	0.012	0.169	0.000	0.000	
21.42	0.39	0.000	0.000	0.000	0.000	0.000	0.049	0.339	0.000	0.000	
21.62	0.62	0.000	0.000	0.000	0.000	0.000	0.109	0.508	0.000	0.000	
21.82	0.87	0.000	0.000	0.000	0.000	0.000	0.194	0.677	0.000	0.000	
22.02	1.15	0.000	0.000	0.000	0.000	0.000	0.303	0.847	0.000	0.000	
22.22	1.45	0.000	0.000	0.000	0.000	0.000	0.437	1.016	0.000	0.000	
22.42	1.78	0.000	0.000	0.000	0.000	0.000	0.594	1.185	0.000	0.000	
22.62	2.13	0.000	0.000	0.000	0.000	0.000	0.776	1.355	0.000	0.000	
22.82	2.50	0.000	0.000	0.000	0.000	0.000	0.978	1.524	0.000	0.000	
23.02	2.88	0.000	0.000	0.000	0.000	0.000	1.182	1.693	0.000	0.000	
23.22	3.25	0.000	0.000	0.000	0.000	0.000	1.386	1.862	0.000	0.000	
23.42	3.62	0.000	0.000	0.000	0.000	0.000	1.590	2.032	0.000	0.000	
23.62	3.99	0.000	0.000	0.000	0.000	0.000	1.793	2.201	0.000	0.000	
23.82	4.37	0.000	0.000	0.000	0.000	0.000	1.997	2.370	0.000	0.000	
24.02	4.74	0.000	0.000	0.000	0.000	0.000	2.201	2.540	0.000	0.000	
24.22	5.11	0.000	0.000	0.000	0.000	0.000	2.405	2.709	0.000	0.000	
24.42	5.49	0.000	0.000	0.000	0.000	0.000	2.608	2.878	0.000	0.000	
24.62	5.86	0.000	0.000	0.000	0.000	0.000	2.812	3.048	0.000	0.000	
STAGE START:	21.02	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-68	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.99	0.00	0.00	2.09
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	109.74	98.92	0.00	0.00	208.66
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.10	0.99	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.50	22.46	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.46	22.46	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.66	0.40	0.000	0.000	0.000	0.000	0.000	0.198	0.198	0.000	0.000
22.86	0.81	0.000	0.000	0.000	0.000	0.000	0.417	0.396	0.000	0.000
23.06	1.23	0.000	0.000	0.000	0.000	0.000	0.636	0.594	0.000	0.000
23.26	1.65	0.000	0.000	0.000	0.000	0.000	0.856	0.791	0.000	0.000
23.46	2.06	0.000	0.000	0.000	0.000	0.000	1.075	0.989	0.000	0.000
23.66	2.48	0.000	0.000	0.000	0.000	0.000	1.295	1.187	0.000	0.000
23.86	2.90	0.000	0.000	0.000	0.000	0.000	1.514	1.385	0.000	0.000
24.06	3.32	0.000	0.000	0.000	0.000	0.000	1.734	1.583	0.000	0.000
24.26	3.73	0.000	0.000	0.000	0.000	0.000	1.953	1.781	0.000	0.000
24.46	4.15	0.000	0.000	0.000	0.000	0.000	2.173	1.978	0.000	0.000
24.66	4.57	0.000	0.000	0.000	0.000	0.000	2.392	2.176	0.000	0.000
24.86	4.99	0.000	0.000	0.000	0.000	0.000	2.612	2.374	0.000	0.000
25.06	5.40	0.000	0.000	0.000	0.000	0.000	2.831	2.572	0.000	0.000
25.26	5.82	0.000	0.000	0.000	0.000	0.000	3.051	2.770	0.000	0.000
25.46	6.24	0.000	0.000	0.000	0.000	0.000	3.270	2.968	0.000	0.000
25.66	6.66	0.000	0.000	0.000	0.000	0.000	3.490	3.165	0.000	0.000
25.86	7.07	0.000	0.000	0.000	0.000	0.000	3.709	3.363	0.000	0.000
26.06	7.49	0.000	0.000	0.000	0.000	0.000	3.929	3.561	0.000	0.000
STAGE START:	22.46	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-69	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.22	0.00	0.00	0.84
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	61.65	22.13	0.00	0.00	83.78
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.62	0.22	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.50	22.25	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.25	22.25	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.45	0.09	0.000	0.000	0.000	0.000	0.000	0.049	0.044	0.000	0.000	
22.65	0.26	0.000	0.000	0.000	0.000	0.000	0.170	0.089	0.000	0.000	
22.85	0.43	0.000	0.000	0.000	0.000	0.000	0.293	0.133	0.000	0.000	
23.05	0.59	0.000	0.000	0.000	0.000	0.000	0.416	0.177	0.000	0.000	
23.25	0.76	0.000	0.000	0.000	0.000	0.000	0.539	0.221	0.000	0.000	
23.45	0.93	0.000	0.000	0.000	0.000	0.000	0.663	0.266	0.000	0.000	
23.65	1.10	0.000	0.000	0.000	0.000	0.000	0.786	0.310	0.000	0.000	
23.85	1.26	0.000	0.000	0.000	0.000	0.000	0.909	0.354	0.000	0.000	
24.05	1.43	0.000	0.000	0.000	0.000	0.000	1.033	0.398	0.000	0.000	
24.25	1.60	0.000	0.000	0.000	0.000	0.000	1.156	0.443	0.000	0.000	
24.45	1.77	0.000	0.000	0.000	0.000	0.000	1.279	0.487	0.000	0.000	
24.65	1.93	0.000	0.000	0.000	0.000	0.000	1.402	0.531	0.000	0.000	
24.85	2.10	0.000	0.000	0.000	0.000	0.000	1.526	0.575	0.000	0.000	
25.05	2.27	0.000	0.000	0.000	0.000	0.000	1.649	0.620	0.000	0.000	
25.25	2.44	0.000	0.000	0.000	0.000	0.000	1.772	0.664	0.000	0.000	
25.45	2.60	0.000	0.000	0.000	0.000	0.000	1.896	0.708	0.000	0.000	
25.65	2.77	0.000	0.000	0.000	0.000	0.000	2.019	0.753	0.000	0.000	
25.85	2.94	0.000	0.000	0.000	0.000	0.000	2.142	0.797	0.000	0.000	
STAGE START:	22.25	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-70	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.18	0.00	0.00	0.74
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	56.27	17.98	0.00	0.00	74.25
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.56	0.18	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.00	22.48	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.48	22.48	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.48	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.68	0.06	0.000	0.000	0.000	0.000	0.000	0.022	0.036	0.000	0.000
22.88	0.16	0.000	0.000	0.000	0.000	0.000	0.087	0.072	0.000	0.000
23.08	0.30	0.000	0.000	0.000	0.000	0.000	0.191	0.108	0.000	0.000
23.28	0.45	0.000	0.000	0.000	0.000	0.000	0.304	0.144	0.000	0.000
23.48	0.60	0.000	0.000	0.000	0.000	0.000	0.416	0.180	0.000	0.000
23.68	0.74	0.000	0.000	0.000	0.000	0.000	0.529	0.216	0.000	0.000
23.88	0.89	0.000	0.000	0.000	0.000	0.000	0.641	0.252	0.000	0.000
24.08	1.04	0.000	0.000	0.000	0.000	0.000	0.754	0.288	0.000	0.000
24.28	1.19	0.000	0.000	0.000	0.000	0.000	0.867	0.324	0.000	0.000
24.48	1.34	0.000	0.000	0.000	0.000	0.000	0.979	0.360	0.000	0.000
24.68	1.49	0.000	0.000	0.000	0.000	0.000	1.092	0.396	0.000	0.000
24.88	1.64	0.000	0.000	0.000	0.000	0.000	1.204	0.431	0.000	0.000
25.08	1.78	0.000	0.000	0.000	0.000	0.000	1.317	0.467	0.000	0.000
25.28	1.93	0.000	0.000	0.000	0.000	0.000	1.429	0.503	0.000	0.000
25.48	2.08	0.000	0.000	0.000	0.000	0.000	1.542	0.539	0.000	0.000
25.68	2.23	0.000	0.000	0.000	0.000	0.000	1.654	0.575	0.000	0.000
25.88	2.38	0.000	0.000	0.000	0.000	0.000	1.767	0.611	0.000	0.000
26.08	2.53	0.000	0.000	0.000	0.000	0.000	1.879	0.647	0.000	0.000
STAGE START:	22.48	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-71	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.33	1.70	0.00	0.00	3.02
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	132.51	169.66	0.00	0.00	302.16
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.33	1.70	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.40	21.44	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.44	21.44	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.64	0.37	0.000	0.000	0.000	0.000	0.000	0.028	0.339	0.000	0.000	
21.84	0.79	0.000	0.000	0.000	0.000	0.000	0.110	0.679	0.000	0.000	
22.04	1.27	0.000	0.000	0.000	0.000	0.000	0.248	1.018	0.000	0.000	
22.24	1.80	0.000	0.000	0.000	0.000	0.000	0.442	1.357	0.000	0.000	
22.44	2.39	0.000	0.000	0.000	0.000	0.000	0.689	1.697	0.000	0.000	
22.64	2.99	0.000	0.000	0.000	0.000	0.000	0.954	2.036	0.000	0.000	
22.84	3.59	0.000	0.000	0.000	0.000	0.000	1.219	2.375	0.000	0.000	
23.04	4.20	0.000	0.000	0.000	0.000	0.000	1.484	2.714	0.000	0.000	
23.24	4.80	0.000	0.000	0.000	0.000	0.000	1.749	3.054	0.000	0.000	
23.44	5.41	0.000	0.000	0.000	0.000	0.000	2.014	3.393	0.000	0.000	
23.64	6.01	0.000	0.000	0.000	0.000	0.000	2.279	3.732	0.000	0.000	
23.84	6.62	0.000	0.000	0.000	0.000	0.000	2.544	4.072	0.000	0.000	
24.04	7.22	0.000	0.000	0.000	0.000	0.000	2.809	4.411	0.000	0.000	
24.24	7.82	0.000	0.000	0.000	0.000	0.000	3.074	4.750	0.000	0.000	
24.44	8.43	0.000	0.000	0.000	0.000	0.000	3.339	5.090	0.000	0.000	
24.64	9.03	0.000	0.000	0.000	0.000	0.000	3.604	5.429	0.000	0.000	
24.84	9.64	0.000	0.000	0.000	0.000	0.000	3.869	5.768	0.000	0.000	
25.04	10.24	0.000	0.000	0.000	0.000	0.000	4.134	6.108	0.000	0.000	
STAGE START:	21.44	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-72	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.69	0.00	0.00	1.63
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	93.96	69.24	0.00	0.00	163.20
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.94	0.69	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.70	21.41	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.41	21.41	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.61	0.20	0.000	0.000	0.000	0.000	0.000	0.065	0.138	0.000	0.000	
21.81	0.52	0.000	0.000	0.000	0.000	0.000	0.240	0.277	0.000	0.000	
22.01	0.84	0.000	0.000	0.000	0.000	0.000	0.428	0.415	0.000	0.000	
22.21	1.17	0.000	0.000	0.000	0.000	0.000	0.615	0.554	0.000	0.000	
22.41	1.50	0.000	0.000	0.000	0.000	0.000	0.803	0.692	0.000	0.000	
22.61	1.82	0.000	0.000	0.000	0.000	0.000	0.991	0.831	0.000	0.000	
22.81	2.15	0.000	0.000	0.000	0.000	0.000	1.179	0.969	0.000	0.000	
23.01	2.47	0.000	0.000	0.000	0.000	0.000	1.367	1.108	0.000	0.000	
23.21	2.80	0.000	0.000	0.000	0.000	0.000	1.555	1.246	0.000	0.000	
23.41	3.13	0.000	0.000	0.000	0.000	0.000	1.743	1.385	0.000	0.000	
23.61	3.45	0.000	0.000	0.000	0.000	0.000	1.931	1.523	0.000	0.000	
23.81	3.78	0.000	0.000	0.000	0.000	0.000	2.119	1.662	0.000	0.000	
24.01	4.11	0.000	0.000	0.000	0.000	0.000	2.307	1.800	0.000	0.000	
24.21	4.43	0.000	0.000	0.000	0.000	0.000	2.495	1.939	0.000	0.000	
24.41	4.76	0.000	0.000	0.000	0.000	0.000	2.683	2.077	0.000	0.000	
24.61	5.09	0.000	0.000	0.000	0.000	0.000	2.871	2.216	0.000	0.000	
24.81	5.41	0.000	0.000	0.000	0.000	0.000	3.058	2.354	0.000	0.000	
25.01	5.74	0.000	0.000	0.000	0.000	0.000	3.246	2.493	0.000	0.000	
STAGE START:	21.41	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-73	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.25	1.22	0.00	0.00	2.47
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	125.22	121.97	0.00	0.00	247.19
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.25	1.22	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.39	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.39	21.39	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.39	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.59	0.43	0.000	0.000	0.000	0.000	0.000	0.182	0.244	0.000	0.000
21.79	0.92	0.000	0.000	0.000	0.000	0.000	0.432	0.488	0.000	0.000
21.99	1.41	0.000	0.000	0.000	0.000	0.000	0.682	0.732	0.000	0.000
22.19	1.91	0.000	0.000	0.000	0.000	0.000	0.933	0.976	0.000	0.000
22.39	2.40	0.000	0.000	0.000	0.000	0.000	1.183	1.220	0.000	0.000
22.59	2.90	0.000	0.000	0.000	0.000	0.000	1.434	1.464	0.000	0.000
22.79	3.39	0.000	0.000	0.000	0.000	0.000	1.684	1.708	0.000	0.000
22.99	3.89	0.000	0.000	0.000	0.000	0.000	1.935	1.952	0.000	0.000
23.19	4.38	0.000	0.000	0.000	0.000	0.000	2.185	2.195	0.000	0.000
23.39	4.87	0.000	0.000	0.000	0.000	0.000	2.436	2.439	0.000	0.000
23.59	5.37	0.000	0.000	0.000	0.000	0.000	2.686	2.683	0.000	0.000
23.79	5.86	0.000	0.000	0.000	0.000	0.000	2.936	2.927	0.000	0.000
23.99	6.36	0.000	0.000	0.000	0.000	0.000	3.187	3.171	0.000	0.000
24.19	6.85	0.000	0.000	0.000	0.000	0.000	3.437	3.415	0.000	0.000
24.39	7.35	0.000	0.000	0.000	0.000	0.000	3.688	3.659	0.000	0.000
24.59	7.84	0.000	0.000	0.000	0.000	0.000	3.938	3.903	0.000	0.000
24.79	8.34	0.000	0.000	0.000	0.000	0.000	4.189	4.147	0.000	0.000
24.99	8.83	0.000	0.000	0.000	0.000	0.000	4.439	4.391	0.000	0.000
STAGE START:	21.39	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-74	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.52	0.00	0.00	1.46
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	93.86	52.42	0.00	0.00	146.29
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.94	0.52	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.40	20.28	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.28	20.28	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.48	0.11	0.000	0.000	0.000	0.000	0.000	0.009	0.105	0.000	0.000	
20.68	0.25	0.000	0.000	0.000	0.000	0.000	0.035	0.210	0.000	0.000	
20.88	0.39	0.000	0.000	0.000	0.000	0.000	0.080	0.315	0.000	0.000	
21.08	0.56	0.000	0.000	0.000	0.000	0.000	0.142	0.419	0.000	0.000	
21.28	0.75	0.000	0.000	0.000	0.000	0.000	0.221	0.524	0.000	0.000	
21.48	0.95	0.000	0.000	0.000	0.000	0.000	0.319	0.629	0.000	0.000	
21.68	1.17	0.000	0.000	0.000	0.000	0.000	0.434	0.734	0.000	0.000	
21.88	1.41	0.000	0.000	0.000	0.000	0.000	0.567	0.839	0.000	0.000	
22.08	1.66	0.000	0.000	0.000	0.000	0.000	0.717	0.944	0.000	0.000	
22.28	1.93	0.000	0.000	0.000	0.000	0.000	0.886	1.048	0.000	0.000	
22.48	2.22	0.000	0.000	0.000	0.000	0.000	1.070	1.153	0.000	0.000	
22.68	2.52	0.000	0.000	0.000	0.000	0.000	1.258	1.258	0.000	0.000	
22.88	2.81	0.000	0.000	0.000	0.000	0.000	1.446	1.363	0.000	0.000	
23.08	3.10	0.000	0.000	0.000	0.000	0.000	1.633	1.468	0.000	0.000	
23.28	3.39	0.000	0.000	0.000	0.000	0.000	1.821	1.573	0.000	0.000	
23.48	3.69	0.000	0.000	0.000	0.000	0.000	2.009	1.678	0.000	0.000	
23.68	3.98	0.000	0.000	0.000	0.000	0.000	2.196	1.782	0.000	0.000	
23.88	4.27	0.000	0.000	0.000	0.000	0.000	2.384	1.887	0.000	0.000	
STAGE START:	20.28	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-75	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.30	0.00	0.00	1.00
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	70.03	29.68	0.00	0.00	99.71
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.70	0.30	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.50	22.22	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.22	22.22	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.22	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.42	0.11	0.000	0.000	0.000	0.000	0.000	0.050	0.059	0.000	0.000	
22.62	0.30	0.000	0.000	0.000	0.000	0.000	0.182	0.119	0.000	0.000	
22.82	0.50	0.000	0.000	0.000	0.000	0.000	0.322	0.178	0.000	0.000	
23.02	0.70	0.000	0.000	0.000	0.000	0.000	0.462	0.237	0.000	0.000	
23.22	0.90	0.000	0.000	0.000	0.000	0.000	0.602	0.297	0.000	0.000	
23.42	1.10	0.000	0.000	0.000	0.000	0.000	0.742	0.356	0.000	0.000	
23.62	1.30	0.000	0.000	0.000	0.000	0.000	0.882	0.416	0.000	0.000	
23.82	1.50	0.000	0.000	0.000	0.000	0.000	1.022	0.475	0.000	0.000	
24.02	1.70	0.000	0.000	0.000	0.000	0.000	1.162	0.534	0.000	0.000	
24.22	1.90	0.000	0.000	0.000	0.000	0.000	1.303	0.594	0.000	0.000	
24.42	2.10	0.000	0.000	0.000	0.000	0.000	1.443	0.653	0.000	0.000	
24.62	2.29	0.000	0.000	0.000	0.000	0.000	1.583	0.712	0.000	0.000	
24.82	2.49	0.000	0.000	0.000	0.000	0.000	1.723	0.772	0.000	0.000	
25.02	2.69	0.000	0.000	0.000	0.000	0.000	1.863	0.831	0.000	0.000	
25.22	2.89	0.000	0.000	0.000	0.000	0.000	2.003	0.890	0.000	0.000	
25.42	3.09	0.000	0.000	0.000	0.000	0.000	2.143	0.950	0.000	0.000	
25.62	3.29	0.000	0.000	0.000	0.000	0.000	2.283	1.009	0.000	0.000	
25.82	3.49	0.000	0.000	0.000	0.000	0.000	2.423	1.069	0.000	0.000	
STAGE START:	22.22	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-76	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	10.12	41.80	0.00	0.00	51.93
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	1012.42	4180.10	0.00	0.00	5192.52
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	10.12	41.80	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.50	20.73	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.73	20.73	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.73	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.93	8.47	0.000	0.000	0.000	0.000	0.000	0.114	8.360	0.000	0.000	
21.13	17.18	0.000	0.000	0.000	0.000	0.000	0.458	16.720	0.000	0.000	
21.33	26.11	0.000	0.000	0.000	0.000	0.000	1.030	25.081	0.000	0.000	
21.53	35.27	0.000	0.000	0.000	0.000	0.000	1.830	33.441	0.000	0.000	
21.73	44.66	0.000	0.000	0.000	0.000	0.000	2.860	41.801	0.000	0.000	
21.93	54.28	0.000	0.000	0.000	0.000	0.000	4.118	50.161	0.000	0.000	
22.13	64.13	0.000	0.000	0.000	0.000	0.000	5.605	58.521	0.000	0.000	
22.33	74.20	0.000	0.000	0.000	0.000	0.000	7.321	66.882	0.000	0.000	
22.53	84.51	0.000	0.000	0.000	0.000	0.000	9.264	75.242	0.000	0.000	
22.73	94.89	0.000	0.000	0.000	0.000	0.000	11.288	83.602	0.000	0.000	
22.93	105.28	0.000	0.000	0.000	0.000	0.000	13.313	91.962	0.000	0.000	
23.13	115.66	0.000	0.000	0.000	0.000	0.000	15.338	100.322	0.000	0.000	
23.33	126.05	0.000	0.000	0.000	0.000	0.000	17.363	108.683	0.000	0.000	
23.53	136.43	0.000	0.000	0.000	0.000	0.000	19.388	117.043	0.000	0.000	
23.73	146.82	0.000	0.000	0.000	0.000	0.000	21.413	125.403	0.000	0.000	
23.93	157.20	0.000	0.000	0.000	0.000	0.000	23.438	133.763	0.000	0.000	
24.13	167.59	0.000	0.000	0.000	0.000	0.000	25.462	142.123	0.000	0.000	
24.33	177.97	0.000	0.000	0.000	0.000	0.000	27.487	150.484	0.000	0.000	
STAGE START:	20.73	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-77	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	6.23	13.95	0.00	0.00	20.18
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	622.51	1395.18	0.00	0.00	2017.69
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	6.23	13.95	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.70	20.86	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.86	20.86	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.86	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.06	2.86	0.000	0.000	0.000	0.000	0.000	0.068	2.790	0.000	0.000	
21.26	5.85	0.000	0.000	0.000	0.000	0.000	0.271	5.581	0.000	0.000	
21.46	8.98	0.000	0.000	0.000	0.000	0.000	0.609	8.371	0.000	0.000	
21.66	12.24	0.000	0.000	0.000	0.000	0.000	1.083	11.161	0.000	0.000	
21.86	15.64	0.000	0.000	0.000	0.000	0.000	1.692	13.952	0.000	0.000	
22.06	19.18	0.000	0.000	0.000	0.000	0.000	2.436	16.742	0.000	0.000	
22.26	22.85	0.000	0.000	0.000	0.000	0.000	3.316	19.533	0.000	0.000	
22.46	26.65	0.000	0.000	0.000	0.000	0.000	4.331	22.323	0.000	0.000	
22.66	30.59	0.000	0.000	0.000	0.000	0.000	5.481	25.113	0.000	0.000	
22.86	34.63	0.000	0.000	0.000	0.000	0.000	6.723	27.904	0.000	0.000	
23.06	38.66	0.000	0.000	0.000	0.000	0.000	7.968	30.694	0.000	0.000	
23.26	42.70	0.000	0.000	0.000	0.000	0.000	9.213	33.484	0.000	0.000	
23.46	46.73	0.000	0.000	0.000	0.000	0.000	10.458	36.275	0.000	0.000	
23.66	50.77	0.000	0.000	0.000	0.000	0.000	11.703	39.065	0.000	0.000	
23.86	54.80	0.000	0.000	0.000	0.000	0.000	12.948	41.855	0.000	0.000	
24.06	58.84	0.000	0.000	0.000	0.000	0.000	14.193	44.646	0.000	0.000	
24.26	62.87	0.000	0.000	0.000	0.000	0.000	15.438	47.436	0.000	0.000	
24.46	66.91	0.000	0.000	0.000	0.000	0.000	16.683	50.227	0.000	0.000	
STAGE START:	20.86	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-78	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.17	0.00	0.00	0.78
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	61.03	17.10	0.00	0.00	78.14
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.61	0.17	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.40	21.72	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.72	21.72	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.72	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.92	0.05	0.000	0.000	0.000	0.000	0.000	0.018	0.034	0.000	0.000	
22.12	0.14	0.000	0.000	0.000	0.000	0.000	0.072	0.068	0.000	0.000	
22.32	0.26	0.000	0.000	0.000	0.000	0.000	0.162	0.103	0.000	0.000	
22.52	0.42	0.000	0.000	0.000	0.000	0.000	0.281	0.137	0.000	0.000	
22.72	0.57	0.000	0.000	0.000	0.000	0.000	0.403	0.171	0.000	0.000	
22.92	0.73	0.000	0.000	0.000	0.000	0.000	0.525	0.205	0.000	0.000	
23.12	0.89	0.000	0.000	0.000	0.000	0.000	0.647	0.239	0.000	0.000	
23.32	1.04	0.000	0.000	0.000	0.000	0.000	0.769	0.274	0.000	0.000	
23.52	1.20	0.000	0.000	0.000	0.000	0.000	0.891	0.308	0.000	0.000	
23.72	1.36	0.000	0.000	0.000	0.000	0.000	1.013	0.342	0.000	0.000	
23.92	1.51	0.000	0.000	0.000	0.000	0.000	1.135	0.376	0.000	0.000	
24.12	1.67	0.000	0.000	0.000	0.000	0.000	1.257	0.411	0.000	0.000	
24.32	1.82	0.000	0.000	0.000	0.000	0.000	1.379	0.445	0.000	0.000	
24.52	1.98	0.000	0.000	0.000	0.000	0.000	1.501	0.479	0.000	0.000	
24.72	2.14	0.000	0.000	0.000	0.000	0.000	1.623	0.513	0.000	0.000	
24.92	2.29	0.000	0.000	0.000	0.000	0.000	1.745	0.547	0.000	0.000	
25.12	2.45	0.000	0.000	0.000	0.000	0.000	1.868	0.582	0.000	0.000	
25.32	2.61	0.000	0.000	0.000	0.000	0.000	1.990	0.616	0.000	0.000	
STAGE START:	21.72	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-79	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.32	0.00	0.00	1.03
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	70.80	32.07	0.00	0.00	102.87
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.71	0.32	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.20	21.96	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.96	21.96	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.96	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.16	0.12	0.000	0.000	0.000	0.000	0.000	0.059	0.064	0.000	0.000	
22.36	0.33	0.000	0.000	0.000	0.000	0.000	0.198	0.128	0.000	0.000	
22.56	0.53	0.000	0.000	0.000	0.000	0.000	0.340	0.192	0.000	0.000	
22.76	0.74	0.000	0.000	0.000	0.000	0.000	0.481	0.257	0.000	0.000	
22.96	0.94	0.000	0.000	0.000	0.000	0.000	0.623	0.321	0.000	0.000	
23.16	1.15	0.000	0.000	0.000	0.000	0.000	0.765	0.385	0.000	0.000	
23.36	1.36	0.000	0.000	0.000	0.000	0.000	0.906	0.449	0.000	0.000	
23.56	1.56	0.000	0.000	0.000	0.000	0.000	1.048	0.513	0.000	0.000	
23.76	1.77	0.000	0.000	0.000	0.000	0.000	1.189	0.577	0.000	0.000	
23.96	1.97	0.000	0.000	0.000	0.000	0.000	1.331	0.641	0.000	0.000	
24.16	2.18	0.000	0.000	0.000	0.000	0.000	1.473	0.705	0.000	0.000	
24.36	2.38	0.000	0.000	0.000	0.000	0.000	1.614	0.770	0.000	0.000	
24.56	2.59	0.000	0.000	0.000	0.000	0.000	1.756	0.834	0.000	0.000	
24.76	2.80	0.000	0.000	0.000	0.000	0.000	1.897	0.898	0.000	0.000	
24.96	3.00	0.000	0.000	0.000	0.000	0.000	2.039	0.962	0.000	0.000	
25.16	3.21	0.000	0.000	0.000	0.000	0.000	2.181	1.026	0.000	0.000	
25.36	3.41	0.000	0.000	0.000	0.000	0.000	2.322	1.090	0.000	0.000	
25.56	3.62	0.000	0.000	0.000	0.000	0.000	2.464	1.154	0.000	0.000	
STAGE START:	21.96	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	7/18/2023	JWA RANCH, LLC				
BASIN NAME:	BWL-80	BASIN ANALYSIS:	PRE-DEVELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC				

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.62	0.00	0.00	1.52
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	90.82	61.67	0.00	0.00	152.49
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAND BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.91	0.62	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	22.70	22.31	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	22.31	22.31	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.31	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.51	0.17	0.000	0.000	0.000	0.000	0.000	0.047	0.123	0.000	
22.71	0.43	0.000	0.000	0.000	0.000	0.000	0.186	0.247	0.000	
22.91	0.74	0.000	0.000	0.000	0.000	0.000	0.368	0.370	0.000	
23.11	1.04	0.000	0.000	0.000	0.000	0.000	0.549	0.493	0.000	
23.31	1.35	0.000	0.000	0.000	0.000	0.000	0.731	0.617	0.000	
23.51	1.65	0.000	0.000	0.000	0.000	0.000	0.913	0.740	0.000	
23.71	1.96	0.000	0.000	0.000	0.000	0.000	1.094	0.863	0.000	
23.91	2.26	0.000	0.000	0.000	0.000	0.000	1.276	0.987	0.000	
24.11	2.57	0.000	0.000	0.000	0.000	0.000	1.458	1.110	0.000	
24.31	2.87	0.000	0.000	0.000	0.000	0.000	1.639	1.233	0.000	
24.51	3.18	0.000	0.000	0.000	0.000	0.000	1.821	1.357	0.000	
24.71	3.48	0.000	0.000	0.000	0.000	0.000	2.003	1.480	0.000	
24.91	3.79	0.000	0.000	0.000	0.000	0.000	2.184	1.603	0.000	
25.11	4.09	0.000	0.000	0.000	0.000	0.000	2.366	1.727	0.000	
25.31	4.40	0.000	0.000	0.000	0.000	0.000	2.548	1.850	0.000	
25.51	4.70	0.000	0.000	0.000	0.000	0.000	2.729	1.973	0.000	
25.71	5.01	0.000	0.000	0.000	0.000	0.000	2.911	2.097	0.000	
25.91	5.31	0.000	0.000	0.000	0.000	0.000	3.092	2.220	0.000	
STAGE START:	22.31	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-81	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.89	3.66	0.00	0.00	6.55
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	289.00	366.00	0.00	0.00	655.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.89	3.66	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	21.66	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.66	21.66	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.66	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.86	0.78	0.000	0.000	0.000	0.000	0.000	0.051	0.732	0.000	0.000	
22.06	1.67	0.000	0.000	0.000	0.000	0.000	0.203	1.464	0.000	0.000	
22.26	2.65	0.000	0.000	0.000	0.000	0.000	0.456	2.196	0.000	0.000	
22.46	3.74	0.000	0.000	0.000	0.000	0.000	0.811	2.928	0.000	0.000	
22.66	4.93	0.000	0.000	0.000	0.000	0.000	1.268	3.660	0.000	0.000	
22.86	6.21	0.000	0.000	0.000	0.000	0.000	1.821	4.392	0.000	0.000	
23.06	7.52	0.000	0.000	0.000	0.000	0.000	2.399	5.124	0.000	0.000	
23.26	8.83	0.000	0.000	0.000	0.000	0.000	2.977	5.856	0.000	0.000	
23.46	10.14	0.000	0.000	0.000	0.000	0.000	3.555	6.588	0.000	0.000	
23.66	11.45	0.000	0.000	0.000	0.000	0.000	4.133	7.320	0.000	0.000	
23.86	12.76	0.000	0.000	0.000	0.000	0.000	4.711	8.052	0.000	0.000	
24.06	14.07	0.000	0.000	0.000	0.000	0.000	5.289	8.784	0.000	0.000	
24.26	15.38	0.000	0.000	0.000	0.000	0.000	5.867	9.516	0.000	0.000	
24.46	16.69	0.000	0.000	0.000	0.000	0.000	6.445	10.248	0.000	0.000	
24.66	18.00	0.000	0.000	0.000	0.000	0.000	7.023	10.980	0.000	0.000	
24.86	19.31	0.000	0.000	0.000	0.000	0.000	7.601	11.712	0.000	0.000	
25.06	20.62	0.000	0.000	0.000	0.000	0.000	8.179	12.444	0.000	0.000	
25.26	21.93	0.000	0.000	0.000	0.000	0.000	8.757	13.176	0.000	0.000	
STAGE START:	21.66	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-82	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.48	2.10	0.00	0.00	3.58
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	148.00	210.00	0.00	0.00	358.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.48	2.10	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	22.14	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.14	22.14	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
22.14	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22.34	0.46	0.000	0.000	0.000	0.000	0.000	0.045	0.420	0.000	0.000	
22.54	1.02	0.000	0.000	0.000	0.000	0.000	0.179	0.840	0.000	0.000	
22.74	1.66	0.000	0.000	0.000	0.000	0.000	0.404	1.260	0.000	0.000	
22.94	2.38	0.000	0.000	0.000	0.000	0.000	0.696	1.680	0.000	0.000	
23.14	3.09	0.000	0.000	0.000	0.000	0.000	0.992	2.100	0.000	0.000	
23.34	3.81	0.000	0.000	0.000	0.000	0.000	1.288	2.520	0.000	0.000	
23.54	4.52	0.000	0.000	0.000	0.000	0.000	1.584	2.940	0.000	0.000	
23.74	5.24	0.000	0.000	0.000	0.000	0.000	1.880	3.360	0.000	0.000	
23.94	5.96	0.000	0.000	0.000	0.000	0.000	2.176	3.780	0.000	0.000	
24.14	6.67	0.000	0.000	0.000	0.000	0.000	2.472	4.200	0.000	0.000	
24.34	7.39	0.000	0.000	0.000	0.000	0.000	2.768	4.620	0.000	0.000	
24.54	8.10	0.000	0.000	0.000	0.000	0.000	3.064	5.040	0.000	0.000	
24.74	8.82	0.000	0.000	0.000	0.000	0.000	3.360	5.460	0.000	0.000	
24.94	9.54	0.000	0.000	0.000	0.000	0.000	3.656	5.880	0.000	0.000	
25.14	10.25	0.000	0.000	0.000	0.000	0.000	3.952	6.300	0.000	0.000	
25.34	10.97	0.000	0.000	0.000	0.000	0.000	4.248	6.720	0.000	0.000	
25.54	11.68	0.000	0.000	0.000	0.000	0.000	4.544	7.140	0.000	0.000	
25.74	12.40	0.000	0.000	0.000	0.000	0.000	4.840	7.560	0.000	0.000	
STAGE START:	22.14	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-83	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.83	2.93	0.00	0.00	4.76
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	183.00	293.00	0.00	0.00	476.00
COMPOSITE CN											100

STAGE STORAGE TABLE

USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.83	2.93	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	22.21	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	22.21	22.21	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
22.21	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.41	0.65	0.000	0.000	0.000	0.000	0.000	0.062	0.586	0.000	0.000
22.61	1.42	0.000	0.000	0.000	0.000	0.000	0.248	1.172	0.000	0.000
22.81	2.32	0.000	0.000	0.000	0.000	0.000	0.558	1.758	0.000	0.000
23.01	3.27	0.000	0.000	0.000	0.000	0.000	0.924	2.344	0.000	0.000
23.21	4.22	0.000	0.000	0.000	0.000	0.000	1.290	2.930	0.000	0.000
23.41	5.17	0.000	0.000	0.000	0.000	0.000	1.656	3.516	0.000	0.000
23.61	6.12	0.000	0.000	0.000	0.000	0.000	2.022	4.102	0.000	0.000
23.81	7.08	0.000	0.000	0.000	0.000	0.000	2.388	4.688	0.000	0.000
24.01	8.03	0.000	0.000	0.000	0.000	0.000	2.754	5.274	0.000	0.000
24.21	8.98	0.000	0.000	0.000	0.000	0.000	3.120	5.860	0.000	0.000
24.41	9.93	0.000	0.000	0.000	0.000	0.000	3.486	6.446	0.000	0.000
24.61	10.88	0.000	0.000	0.000	0.000	0.000	3.852	7.032	0.000	0.000
24.81	11.84	0.000	0.000	0.000	0.000	0.000	4.218	7.618	0.000	0.000
25.01	12.79	0.000	0.000	0.000	0.000	0.000	4.584	8.204	0.000	0.000
25.21	13.74	0.000	0.000	0.000	0.000	0.000	4.950	8.790	0.000	0.000
25.41	14.69	0.000	0.000	0.000	0.000	0.000	5.316	9.376	0.000	0.000
25.61	15.64	0.000	0.000	0.000	0.000	0.000	5.682	9.962	0.000	0.000
25.81	16.60	0.000	0.000	0.000	0.000	0.000	6.048	10.548	0.000	0.000
STAGE START:	22.21	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-84	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.95	7.23	0.00	0.00	11.18
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	395.00	723.00	0.00	0.00	1118.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.95	7.23	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	21.90	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.90	21.90	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.90	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.10	1.53	0.000	0.000	0.000	0.000	0.000	0.088	1.446	0.000	0.000
22.30	3.24	0.000	0.000	0.000	0.000	0.000	0.351	2.892	0.000	0.000
22.50	5.13	0.000	0.000	0.000	0.000	0.000	0.790	4.338	0.000	0.000
22.70	7.19	0.000	0.000	0.000	0.000	0.000	1.404	5.784	0.000	0.000
22.90	9.40	0.000	0.000	0.000	0.000	0.000	2.172	7.230	0.000	0.000
23.10	11.64	0.000	0.000	0.000	0.000	0.000	2.962	8.676	0.000	0.000
23.30	13.87	0.000	0.000	0.000	0.000	0.000	3.752	10.122	0.000	0.000
23.50	16.11	0.000	0.000	0.000	0.000	0.000	4.542	11.568	0.000	0.000
23.70	18.35	0.000	0.000	0.000	0.000	0.000	5.332	13.014	0.000	0.000
23.90	20.58	0.000	0.000	0.000	0.000	0.000	6.122	14.460	0.000	0.000
24.10	22.82	0.000	0.000	0.000	0.000	0.000	6.912	15.906	0.000	0.000
24.30	25.05	0.000	0.000	0.000	0.000	0.000	7.702	17.352	0.000	0.000
24.50	27.29	0.000	0.000	0.000	0.000	0.000	8.492	18.798	0.000	0.000
24.70	29.53	0.000	0.000	0.000	0.000	0.000	9.282	20.244	0.000	0.000
24.90	31.76	0.000	0.000	0.000	0.000	0.000	10.073	21.690	0.000	0.000
25.10	34.00	0.000	0.000	0.000	0.000	0.000	10.863	23.136	0.000	0.000
25.30	36.23	0.000	0.000	0.000	0.000	0.000	11.653	24.582	0.000	0.000
25.50	38.47	0.000	0.000	0.000	0.000	0.000	12.442	26.028	0.000	0.000
STAGE START:	21.90	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-85	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.64	0.00	0.00	1.63
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	99.00	64.00	0.00	0.00	163.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.99	0.64	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.20	20.47	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.47	20.47	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.47	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.67	0.14	0.000	0.000	0.000	0.000	0.000	0.011	0.128	0.000	0.000	
20.87	0.30	0.000	0.000	0.000	0.000	0.000	0.046	0.256	0.000	0.000	
21.07	0.49	0.000	0.000	0.000	0.000	0.000	0.103	0.384	0.000	0.000	
21.27	0.70	0.000	0.000	0.000	0.000	0.000	0.183	0.512	0.000	0.000	
21.47	0.93	0.000	0.000	0.000	0.000	0.000	0.286	0.640	0.000	0.000	
21.67	1.18	0.000	0.000	0.000	0.000	0.000	0.412	0.768	0.000	0.000	
21.87	1.46	0.000	0.000	0.000	0.000	0.000	0.561	0.896	0.000	0.000	
22.07	1.76	0.000	0.000	0.000	0.000	0.000	0.732	1.024	0.000	0.000	
22.27	2.08	0.000	0.000	0.000	0.000	0.000	0.926	1.152	0.000	0.000	
22.47	2.40	0.000	0.000	0.000	0.000	0.000	1.124	1.280	0.000	0.000	
22.67	2.73	0.000	0.000	0.000	0.000	0.000	1.322	1.408	0.000	0.000	
22.87	3.06	0.000	0.000	0.000	0.000	0.000	1.520	1.536	0.000	0.000	
23.07	3.38	0.000	0.000	0.000	0.000	0.000	1.718	1.664	0.000	0.000	
23.27	3.71	0.000	0.000	0.000	0.000	0.000	1.916	1.792	0.000	0.000	
23.47	4.03	0.000	0.000	0.000	0.000	0.000	2.114	1.920	0.000	0.000	
23.67	4.36	0.000	0.000	0.000	0.000	0.000	2.312	2.048	0.000	0.000	
23.87	4.69	0.000	0.000	0.000	0.000	0.000	2.510	2.176	0.000	0.000	
24.07	5.01	0.000	0.000	0.000	0.000	0.000	2.708	2.304	0.000	0.000	
STAGE START:	20.47	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-86	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.37	0.00	0.00	0.83
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	46.00	37.00	0.00	0.00	83.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.46	0.37	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.60	20.71	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.71	20.71	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.71	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.91	0.08	0.000	0.000	0.000	0.000	0.000	0.010	0.074	0.000	0.000	
21.11	0.19	0.000	0.000	0.000	0.000	0.000	0.041	0.148	0.000	0.000	
21.31	0.32	0.000	0.000	0.000	0.000	0.000	0.093	0.222	0.000	0.000	
21.51	0.46	0.000	0.000	0.000	0.000	0.000	0.165	0.296	0.000	0.000	
21.71	0.63	0.000	0.000	0.000	0.000	0.000	0.255	0.370	0.000	0.000	
21.91	0.79	0.000	0.000	0.000	0.000	0.000	0.347	0.444	0.000	0.000	
22.11	0.96	0.000	0.000	0.000	0.000	0.000	0.439	0.518	0.000	0.000	
22.31	1.12	0.000	0.000	0.000	0.000	0.000	0.531	0.592	0.000	0.000	
22.51	1.29	0.000	0.000	0.000	0.000	0.000	0.623	0.666	0.000	0.000	
22.71	1.46	0.000	0.000	0.000	0.000	0.000	0.715	0.740	0.000	0.000	
22.91	1.62	0.000	0.000	0.000	0.000	0.000	0.807	0.814	0.000	0.000	
23.11	1.79	0.000	0.000	0.000	0.000	0.000	0.899	0.888	0.000	0.000	
23.31	1.95	0.000	0.000	0.000	0.000	0.000	0.991	0.962	0.000	0.000	
23.51	2.12	0.000	0.000	0.000	0.000	0.000	1.083	1.036	0.000	0.000	
23.71	2.29	0.000	0.000	0.000	0.000	0.000	1.175	1.110	0.000	0.000	
23.91	2.45	0.000	0.000	0.000	0.000	0.000	1.267	1.184	0.000	0.000	
24.11	2.62	0.000	0.000	0.000	0.000	0.000	1.359	1.258	0.000	0.000	
24.31	2.78	0.000	0.000	0.000	0.000	0.000	1.451	1.332	0.000	0.000	
STAGE START:	20.71	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-87	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.07	0.00	0.00	0.43
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	36.00	7.00	0.00	0.00	43.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.36	0.07	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.90	21.25	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.25	21.25	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.25	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.45	0.03	0.000	0.000	0.000	0.000	0.000	0.011	0.014	0.000	0.000	
21.65	0.07	0.000	0.000	0.000	0.000	0.000	0.044	0.028	0.000	0.000	
21.85	0.14	0.000	0.000	0.000	0.000	0.000	0.100	0.042	0.000	0.000	
22.05	0.23	0.000	0.000	0.000	0.000	0.000	0.171	0.056	0.000	0.000	
22.25	0.31	0.000	0.000	0.000	0.000	0.000	0.243	0.070	0.000	0.000	
22.45	0.40	0.000	0.000	0.000	0.000	0.000	0.315	0.084	0.000	0.000	
22.65	0.48	0.000	0.000	0.000	0.000	0.000	0.387	0.098	0.000	0.000	
22.85	0.57	0.000	0.000	0.000	0.000	0.000	0.459	0.112	0.000	0.000	
23.05	0.66	0.000	0.000	0.000	0.000	0.000	0.531	0.126	0.000	0.000	
23.25	0.74	0.000	0.000	0.000	0.000	0.000	0.603	0.140	0.000	0.000	
23.45	0.83	0.000	0.000	0.000	0.000	0.000	0.675	0.154	0.000	0.000	
23.65	0.91	0.000	0.000	0.000	0.000	0.000	0.747	0.168	0.000	0.000	
23.85	1.00	0.000	0.000	0.000	0.000	0.000	0.819	0.182	0.000	0.000	
24.05	1.09	0.000	0.000	0.000	0.000	0.000	0.891	0.196	0.000	0.000	
24.25	1.17	0.000	0.000	0.000	0.000	0.000	0.963	0.210	0.000	0.000	
24.45	1.26	0.000	0.000	0.000	0.000	0.000	1.035	0.224	0.000	0.000	
24.65	1.34	0.000	0.000	0.000	0.000	0.000	1.107	0.238	0.000	0.000	
24.85	1.43	0.000	0.000	0.000	0.000	0.000	1.179	0.252	0.000	0.000	
STAGE START:	21.25	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-88	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.37	1.73	0.00	0.00	3.10
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	137.00	173.00	0.00	0.00	310.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.37	1.73	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.80	21.18	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.18	21.18	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.18	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.38	0.36	0.000	0.000	0.000	0.000	0.000	0.017	0.346	0.000	0.000	
21.58	0.76	0.000	0.000	0.000	0.000	0.000	0.068	0.692	0.000	0.000	
21.78	1.19	0.000	0.000	0.000	0.000	0.000	0.152	1.038	0.000	0.000	
21.98	1.65	0.000	0.000	0.000	0.000	0.000	0.271	1.384	0.000	0.000	
22.18	2.15	0.000	0.000	0.000	0.000	0.000	0.423	1.730	0.000	0.000	
22.38	2.68	0.000	0.000	0.000	0.000	0.000	0.609	2.076	0.000	0.000	
22.58	3.25	0.000	0.000	0.000	0.000	0.000	0.829	2.422	0.000	0.000	
22.78	3.85	0.000	0.000	0.000	0.000	0.000	1.082	2.768	0.000	0.000	
22.98	4.47	0.000	0.000	0.000	0.000	0.000	1.356	3.114	0.000	0.000	
23.18	5.09	0.000	0.000	0.000	0.000	0.000	1.630	3.460	0.000	0.000	
23.38	5.71	0.000	0.000	0.000	0.000	0.000	1.904	3.806	0.000	0.000	
23.58	6.33	0.000	0.000	0.000	0.000	0.000	2.178	4.152	0.000	0.000	
23.78	6.95	0.000	0.000	0.000	0.000	0.000	2.452	4.498	0.000	0.000	
23.98	7.57	0.000	0.000	0.000	0.000	0.000	2.726	4.844	0.000	0.000	
24.18	8.19	0.000	0.000	0.000	0.000	0.000	3.000	5.190	0.000	0.000	
24.38	8.81	0.000	0.000	0.000	0.000	0.000	3.274	5.536	0.000	0.000	
24.58	9.43	0.000	0.000	0.000	0.000	0.000	3.548	5.882	0.000	0.000	
24.78	10.05	0.000	0.000	0.000	0.000	0.000	3.822	6.228	0.000	0.000	
STAGE START:	21.18	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-89	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	3.20	5.41	0.00	0.00	8.61
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	320.00	541.00	0.00	0.00	861.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	3.20	5.41	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	23.30	20.99	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.99	20.99	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.99	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.19	1.11	0.000	0.000	0.000	0.000	0.000	0.028	1.082	0.000	0.000
21.39	2.27	0.000	0.000	0.000	0.000	0.000	0.111	2.164	0.000	0.000
21.59	3.50	0.000	0.000	0.000	0.000	0.000	0.249	3.246	0.000	0.000
21.79	4.77	0.000	0.000	0.000	0.000	0.000	0.443	4.328	0.000	0.000
21.99	6.10	0.000	0.000	0.000	0.000	0.000	0.693	5.410	0.000	0.000
22.19	7.49	0.000	0.000	0.000	0.000	0.000	0.997	6.492	0.000	0.000
22.39	8.93	0.000	0.000	0.000	0.000	0.000	1.358	7.574	0.000	0.000
22.59	10.43	0.000	0.000	0.000	0.000	0.000	1.773	8.656	0.000	0.000
22.79	11.98	0.000	0.000	0.000	0.000	0.000	2.244	9.738	0.000	0.000
22.99	13.59	0.000	0.000	0.000	0.000	0.000	2.771	10.820	0.000	0.000
23.19	15.25	0.000	0.000	0.000	0.000	0.000	3.352	11.902	0.000	0.000
23.39	16.97	0.000	0.000	0.000	0.000	0.000	3.984	12.984	0.000	0.000
23.59	18.69	0.000	0.000	0.000	0.000	0.000	4.624	14.066	0.000	0.000
23.79	20.41	0.000	0.000	0.000	0.000	0.000	5.264	15.148	0.000	0.000
23.99	22.13	0.000	0.000	0.000	0.000	0.000	5.904	16.230	0.000	0.000
24.19	23.86	0.000	0.000	0.000	0.000	0.000	6.544	17.312	0.000	0.000
24.39	25.58	0.000	0.000	0.000	0.000	0.000	7.184	18.394	0.000	0.000
24.59	27.30	0.000	0.000	0.000	0.000	0.000	7.824	19.476	0.000	0.000
STAGE START:	20.99	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-90	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.08	3.50	0.00	0.00	5.58
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	208.00	350.00	0.00	0.00	558.00
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	2.08	3.50	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	22.80	21.78	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	21.78	21.78	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.78	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.98	0.74	0.000	0.000	0.000	0.000	0.000	0.041	0.700	0.000	
22.18	1.56	0.000	0.000	0.000	0.000	0.000	0.163	1.400	0.000	
22.38	2.47	0.000	0.000	0.000	0.000	0.000	0.367	2.100	0.000	
22.58	3.45	0.000	0.000	0.000	0.000	0.000	0.653	2.800	0.000	
22.78	4.52	0.000	0.000	0.000	0.000	0.000	1.020	3.500	0.000	
22.98	5.64	0.000	0.000	0.000	0.000	0.000	1.435	4.200	0.000	
23.18	6.75	0.000	0.000	0.000	0.000	0.000	1.851	4.900	0.000	
23.38	7.87	0.000	0.000	0.000	0.000	0.000	2.267	5.600	0.000	
23.58	8.98	0.000	0.000	0.000	0.000	0.000	2.683	6.300	0.000	
23.78	10.10	0.000	0.000	0.000	0.000	0.000	3.099	7.000	0.000	
23.98	11.22	0.000	0.000	0.000	0.000	0.000	3.515	7.700	0.000	
24.18	12.33	0.000	0.000	0.000	0.000	0.000	3.931	8.400	0.000	
24.38	13.45	0.000	0.000	0.000	0.000	0.000	4.347	9.100	0.000	
24.58	14.56	0.000	0.000	0.000	0.000	0.000	4.763	9.800	0.000	
24.78	15.68	0.000	0.000	0.000	0.000	0.000	5.179	10.500	0.000	
24.98	16.80	0.000	0.000	0.000	0.000	0.000	5.595	11.200	0.000	
25.18	17.91	0.000	0.000	0.000	0.000	0.000	6.011	11.900	0.000	
25.38	19.03	0.000	0.000	0.000	0.000	0.000	6.427	12.600	0.000	
STAGE START:	21.78	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-91	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.61	1.09	0.00	0.00	2.70
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	161.00	109.00	0.00	0.00	270.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.61	1.09	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.00	21.41	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.41	21.41	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.41	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.61	0.27	0.000	0.000	0.000	0.000	0.000	0.055	0.218	0.000	0.000	
21.81	0.65	0.000	0.000	0.000	0.000	0.000	0.218	0.436	0.000	0.000	
22.01	1.15	0.000	0.000	0.000	0.000	0.000	0.491	0.654	0.000	0.000	
22.21	1.69	0.000	0.000	0.000	0.000	0.000	0.813	0.872	0.000	0.000	
22.41	2.23	0.000	0.000	0.000	0.000	0.000	1.135	1.090	0.000	0.000	
22.61	2.77	0.000	0.000	0.000	0.000	0.000	1.457	1.308	0.000	0.000	
22.81	3.31	0.000	0.000	0.000	0.000	0.000	1.779	1.526	0.000	0.000	
23.01	3.85	0.000	0.000	0.000	0.000	0.000	2.101	1.744	0.000	0.000	
23.21	4.39	0.000	0.000	0.000	0.000	0.000	2.423	1.962	0.000	0.000	
23.41	4.93	0.000	0.000	0.000	0.000	0.000	2.745	2.180	0.000	0.000	
23.61	5.47	0.000	0.000	0.000	0.000	0.000	3.067	2.398	0.000	0.000	
23.81	6.01	0.000	0.000	0.000	0.000	0.000	3.389	2.616	0.000	0.000	
24.01	6.55	0.000	0.000	0.000	0.000	0.000	3.711	2.834	0.000	0.000	
24.21	7.09	0.000	0.000	0.000	0.000	0.000	4.033	3.052	0.000	0.000	
24.41	7.63	0.000	0.000	0.000	0.000	0.000	4.355	3.270	0.000	0.000	
24.61	8.17	0.000	0.000	0.000	0.000	0.000	4.677	3.488	0.000	0.000	
24.81	8.71	0.000	0.000	0.000	0.000	0.000	4.999	3.706	0.000	0.000	
25.01	9.25	0.000	0.000	0.000	0.000	0.000	5.321	3.924	0.000	0.000	
STAGE START:	21.41	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-92	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.08	1.75	0.00	0.00	3.83
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	208.00	175.00	0.00	0.00	383.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.08	1.75	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.30	20.03	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.03	20.03	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.03	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.23	0.38	0.000	0.000	0.000	0.000	0.000	0.033	0.350	0.000	0.000	
20.43	0.83	0.000	0.000	0.000	0.000	0.000	0.131	0.700	0.000	0.000	
20.63	1.34	0.000	0.000	0.000	0.000	0.000	0.295	1.050	0.000	0.000	
20.83	1.92	0.000	0.000	0.000	0.000	0.000	0.524	1.400	0.000	0.000	
21.03	2.57	0.000	0.000	0.000	0.000	0.000	0.819	1.750	0.000	0.000	
21.23	3.28	0.000	0.000	0.000	0.000	0.000	1.179	2.100	0.000	0.000	
21.43	4.04	0.000	0.000	0.000	0.000	0.000	1.591	2.450	0.000	0.000	
21.63	4.81	0.000	0.000	0.000	0.000	0.000	2.007	2.800	0.000	0.000	
21.83	5.57	0.000	0.000	0.000	0.000	0.000	2.423	3.150	0.000	0.000	
22.03	6.34	0.000	0.000	0.000	0.000	0.000	2.839	3.500	0.000	0.000	
22.23	7.11	0.000	0.000	0.000	0.000	0.000	3.255	3.850	0.000	0.000	
22.43	7.87	0.000	0.000	0.000	0.000	0.000	3.671	4.200	0.000	0.000	
22.63	8.64	0.000	0.000	0.000	0.000	0.000	4.087	4.550	0.000	0.000	
22.83	9.40	0.000	0.000	0.000	0.000	0.000	4.503	4.900	0.000	0.000	
23.03	10.17	0.000	0.000	0.000	0.000	0.000	4.919	5.250	0.000	0.000	
23.23	10.94	0.000	0.000	0.000	0.000	0.000	5.335	5.600	0.000	0.000	
23.43	11.70	0.000	0.000	0.000	0.000	0.000	5.751	5.950	0.000	0.000	
23.63	12.47	0.000	0.000	0.000	0.000	0.000	6.167	6.300	0.000	0.000	
STAGE START:	20.03	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-93	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.33	0.00	0.00	1.29
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	96.00	33.00	0.00	0.00	129.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.96	0.33	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.30	21.84	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.84	21.84	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.84	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.04	0.11	0.000	0.000	0.000	0.000	0.000	0.042	0.066	0.000	0.000
22.24	0.30	0.000	0.000	0.000	0.000	0.000	0.167	0.132	0.000	0.000
22.44	0.55	0.000	0.000	0.000	0.000	0.000	0.355	0.198	0.000	0.000
22.64	0.81	0.000	0.000	0.000	0.000	0.000	0.547	0.264	0.000	0.000
22.84	1.07	0.000	0.000	0.000	0.000	0.000	0.739	0.330	0.000	0.000
23.04	1.33	0.000	0.000	0.000	0.000	0.000	0.931	0.396	0.000	0.000
23.24	1.59	0.000	0.000	0.000	0.000	0.000	1.123	0.462	0.000	0.000
23.44	1.84	0.000	0.000	0.000	0.000	0.000	1.315	0.528	0.000	0.000
23.64	2.10	0.000	0.000	0.000	0.000	0.000	1.507	0.594	0.000	0.000
23.84	2.36	0.000	0.000	0.000	0.000	0.000	1.699	0.660	0.000	0.000
24.04	2.62	0.000	0.000	0.000	0.000	0.000	1.891	0.726	0.000	0.000
24.24	2.88	0.000	0.000	0.000	0.000	0.000	2.083	0.792	0.000	0.000
24.44	3.13	0.000	0.000	0.000	0.000	0.000	2.275	0.858	0.000	0.000
24.64	3.39	0.000	0.000	0.000	0.000	0.000	2.467	0.924	0.000	0.000
24.84	3.65	0.000	0.000	0.000	0.000	0.000	2.659	0.990	0.000	0.000
25.04	3.91	0.000	0.000	0.000	0.000	0.000	2.851	1.056	0.000	0.000
25.24	4.17	0.000	0.000	0.000	0.000	0.000	3.043	1.122	0.000	0.000
25.44	4.42	0.000	0.000	0.000	0.000	0.000	3.235	1.188	0.000	0.000
STAGE START:	21.84	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-94	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.81	3.88	0.00	0.00	6.69
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	281.00	388.00	0.00	0.00	669.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.81	3.88	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	22.40	20.74	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.74	20.74	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.74	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.94	0.81	0.000	0.000	0.000	0.000	0.000	0.034	0.776	0.000	0.000
21.14	1.69	0.000	0.000	0.000	0.000	0.000	0.135	1.552	0.000	0.000
21.34	2.63	0.000	0.000	0.000	0.000	0.000	0.305	2.328	0.000	0.000
21.54	3.65	0.000	0.000	0.000	0.000	0.000	0.542	3.104	0.000	0.000
21.74	4.73	0.000	0.000	0.000	0.000	0.000	0.846	3.880	0.000	0.000
21.94	5.87	0.000	0.000	0.000	0.000	0.000	1.219	4.656	0.000	0.000
22.14	7.09	0.000	0.000	0.000	0.000	0.000	1.659	5.432	0.000	0.000
22.34	8.37	0.000	0.000	0.000	0.000	0.000	2.167	6.208	0.000	0.000
22.54	9.71	0.000	0.000	0.000	0.000	0.000	2.726	6.984	0.000	0.000
22.74	11.05	0.000	0.000	0.000	0.000	0.000	3.288	7.760	0.000	0.000
22.94	12.39	0.000	0.000	0.000	0.000	0.000	3.850	8.536	0.000	0.000
23.14	13.72	0.000	0.000	0.000	0.000	0.000	4.412	9.312	0.000	0.000
23.34	15.06	0.000	0.000	0.000	0.000	0.000	4.974	10.088	0.000	0.000
23.54	16.40	0.000	0.000	0.000	0.000	0.000	5.536	10.864	0.000	0.000
23.74	17.74	0.000	0.000	0.000	0.000	0.000	6.098	11.640	0.000	0.000
23.94	19.08	0.000	0.000	0.000	0.000	0.000	6.660	12.416	0.000	0.000
24.14	20.41	0.000	0.000	0.000	0.000	0.000	7.222	13.192	0.000	0.000
24.34	21.75	0.000	0.000	0.000	0.000	0.000	7.784	13.968	0.000	0.000
STAGE START:	20.74	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-95	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.38	4.20	0.00	0.00	6.58
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	238.00	420.00	0.00	0.00	658.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.38	4.20	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	20.15	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.15	20.15	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
20.15	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.35	0.95	0.000	0.000	0.000	0.000	0.000	0.106	0.840	0.000	0.000
20.55	2.10	0.000	0.000	0.000	0.000	0.000	0.423	1.680	0.000	0.000
20.75	3.41	0.000	0.000	0.000	0.000	0.000	0.892	2.520	0.000	0.000
20.95	4.73	0.000	0.000	0.000	0.000	0.000	1.368	3.360	0.000	0.000
21.15	6.04	0.000	0.000	0.000	0.000	0.000	1.844	4.200	0.000	0.000
21.35	7.36	0.000	0.000	0.000	0.000	0.000	2.320	5.040	0.000	0.000
21.55	8.68	0.000	0.000	0.000	0.000	0.000	2.796	5.880	0.000	0.000
21.75	9.99	0.000	0.000	0.000	0.000	0.000	3.272	6.720	0.000	0.000
21.95	11.31	0.000	0.000	0.000	0.000	0.000	3.748	7.560	0.000	0.000
22.15	12.62	0.000	0.000	0.000	0.000	0.000	4.224	8.400	0.000	0.000
22.35	13.94	0.000	0.000	0.000	0.000	0.000	4.700	9.240	0.000	0.000
22.55	15.26	0.000	0.000	0.000	0.000	0.000	5.176	10.080	0.000	0.000
22.75	16.57	0.000	0.000	0.000	0.000	0.000	5.652	10.920	0.000	0.000
22.95	17.89	0.000	0.000	0.000	0.000	0.000	6.128	11.760	0.000	0.000
23.15	19.20	0.000	0.000	0.000	0.000	0.000	6.604	12.600	0.000	0.000
23.35	20.52	0.000	0.000	0.000	0.000	0.000	7.080	13.440	0.000	0.000
23.55	21.84	0.000	0.000	0.000	0.000	0.000	7.556	14.280	0.000	0.000
23.75	23.15	0.000	0.000	0.000	0.000	0.000	8.032	15.120	0.000	0.000
STAGE START:	20.15	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-96	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.53	0.00	0.00	1.38
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	85.00	53.00	0.00	0.00	138.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.85	0.53	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.46	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.46	20.46	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.46	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.66	0.14	0.000	0.000	0.000	0.000	0.000	0.031	0.106	0.000	0.000	
20.86	0.34	0.000	0.000	0.000	0.000	0.000	0.126	0.212	0.000	0.000	
21.06	0.60	0.000	0.000	0.000	0.000	0.000	0.280	0.318	0.000	0.000	
21.26	0.87	0.000	0.000	0.000	0.000	0.000	0.450	0.424	0.000	0.000	
21.46	1.15	0.000	0.000	0.000	0.000	0.000	0.620	0.530	0.000	0.000	
21.66	1.43	0.000	0.000	0.000	0.000	0.000	0.790	0.636	0.000	0.000	
21.86	1.70	0.000	0.000	0.000	0.000	0.000	0.960	0.742	0.000	0.000	
22.06	1.98	0.000	0.000	0.000	0.000	0.000	1.131	0.848	0.000	0.000	
22.26	2.25	0.000	0.000	0.000	0.000	0.000	1.300	0.954	0.000	0.000	
22.46	2.53	0.000	0.000	0.000	0.000	0.000	1.470	1.060	0.000	0.000	
22.66	2.81	0.000	0.000	0.000	0.000	0.000	1.640	1.166	0.000	0.000	
22.86	3.08	0.000	0.000	0.000	0.000	0.000	1.810	1.272	0.000	0.000	
23.06	3.36	0.000	0.000	0.000	0.000	0.000	1.980	1.378	0.000	0.000	
23.26	3.63	0.000	0.000	0.000	0.000	0.000	2.150	1.484	0.000	0.000	
23.46	3.91	0.000	0.000	0.000	0.000	0.000	2.320	1.590	0.000	0.000	
23.66	4.19	0.000	0.000	0.000	0.000	0.000	2.490	1.696	0.000	0.000	
23.86	4.46	0.000	0.000	0.000	0.000	0.000	2.660	1.802	0.000	0.000	
24.06	4.74	0.000	0.000	0.000	0.000	0.000	2.830	1.908	0.000	0.000	
STAGE START:	20.46	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-97	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.53	0.00	0.00	1.38
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	85.00	53.00	0.00	0.00	138.00
COMPOSITE CN											100

STAGE STORAGE TABLE										
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.85	0.53	0.00	0.00
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	19.85	0.00	0.00
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.85	19.85	0.00	0.00
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
19.85	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.05	0.12	0.000	0.000	0.000	0.000	0.000	0.015	0.106	0.000	0.000
20.25	0.27	0.000	0.000	0.000	0.000	0.000	0.059	0.212	0.000	0.000
20.45	0.45	0.000	0.000	0.000	0.000	0.000	0.133	0.318	0.000	0.000
20.65	0.66	0.000	0.000	0.000	0.000	0.000	0.237	0.424	0.000	0.000
20.85	0.90	0.000	0.000	0.000	0.000	0.000	0.370	0.530	0.000	0.000
21.05	1.17	0.000	0.000	0.000	0.000	0.000	0.531	0.636	0.000	0.000
21.25	1.44	0.000	0.000	0.000	0.000	0.000	0.701	0.742	0.000	0.000
21.45	1.72	0.000	0.000	0.000	0.000	0.000	0.871	0.848	0.000	0.000
21.65	2.00	0.000	0.000	0.000	0.000	0.000	1.041	0.954	0.000	0.000
21.85	2.27	0.000	0.000	0.000	0.000	0.000	1.211	1.060	0.000	0.000
22.05	2.55	0.000	0.000	0.000	0.000	0.000	1.381	1.166	0.000	0.000
22.25	2.82	0.000	0.000	0.000	0.000	0.000	1.551	1.272	0.000	0.000
22.45	3.10	0.000	0.000	0.000	0.000	0.000	1.721	1.378	0.000	0.000
22.65	3.38	0.000	0.000	0.000	0.000	0.000	1.891	1.484	0.000	0.000
22.85	3.65	0.000	0.000	0.000	0.000	0.000	2.061	1.590	0.000	0.000
23.05	3.93	0.000	0.000	0.000	0.000	0.000	2.231	1.696	0.000	0.000
23.25	4.20	0.000	0.000	0.000	0.000	0.000	2.401	1.802	0.000	0.000
23.45	4.48	0.000	0.000	0.000	0.000	0.000	2.571	1.908	0.000	0.000
STAGE START:	19.85	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-98	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.46	0.00	0.00	1.30
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	84.00	46.00	0.00	0.00	130.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.84	0.46	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.00	19.28	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.28	19.28	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.28	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.48	0.12	0.000	0.000	0.000	0.000	0.000	0.023	0.092	0.000	0.000	
19.68	0.28	0.000	0.000	0.000	0.000	0.000	0.093	0.184	0.000	0.000	
19.88	0.49	0.000	0.000	0.000	0.000	0.000	0.210	0.276	0.000	0.000	
20.08	0.74	0.000	0.000	0.000	0.000	0.000	0.370	0.368	0.000	0.000	
20.28	1.00	0.000	0.000	0.000	0.000	0.000	0.538	0.460	0.000	0.000	
20.48	1.26	0.000	0.000	0.000	0.000	0.000	0.706	0.552	0.000	0.000	
20.68	1.52	0.000	0.000	0.000	0.000	0.000	0.874	0.644	0.000	0.000	
20.88	1.78	0.000	0.000	0.000	0.000	0.000	1.042	0.736	0.000	0.000	
21.08	2.04	0.000	0.000	0.000	0.000	0.000	1.210	0.828	0.000	0.000	
21.28	2.30	0.000	0.000	0.000	0.000	0.000	1.378	0.920	0.000	0.000	
21.48	2.56	0.000	0.000	0.000	0.000	0.000	1.546	1.012	0.000	0.000	
21.68	2.82	0.000	0.000	0.000	0.000	0.000	1.714	1.104	0.000	0.000	
21.88	3.08	0.000	0.000	0.000	0.000	0.000	1.882	1.196	0.000	0.000	
22.08	3.34	0.000	0.000	0.000	0.000	0.000	2.050	1.288	0.000	0.000	
22.28	3.60	0.000	0.000	0.000	0.000	0.000	2.218	1.380	0.000	0.000	
22.48	3.86	0.000	0.000	0.000	0.000	0.000	2.386	1.472	0.000	0.000	
22.68	4.12	0.000	0.000	0.000	0.000	0.000	2.554	1.564	0.000	0.000	
22.88	4.38	0.000	0.000	0.000	0.000	0.000	2.722	1.656	0.000	0.000	
STAGE START:	19.28	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-99	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.73	1.82	0.00	0.00	3.55
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	173.00	182.00	0.00	0.00	355.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.73	1.82	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.60	19.69	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.69	19.69	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.69	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.89	0.40	0.000	0.000	0.000	0.000	0.000	0.038	0.364	0.000	0.000	
20.09	0.88	0.000	0.000	0.000	0.000	0.000	0.152	0.728	0.000	0.000	
20.29	1.43	0.000	0.000	0.000	0.000	0.000	0.342	1.092	0.000	0.000	
20.49	2.06	0.000	0.000	0.000	0.000	0.000	0.608	1.456	0.000	0.000	
20.69	2.76	0.000	0.000	0.000	0.000	0.000	0.943	1.820	0.000	0.000	
20.89	3.47	0.000	0.000	0.000	0.000	0.000	1.289	2.184	0.000	0.000	
21.09	4.18	0.000	0.000	0.000	0.000	0.000	1.635	2.548	0.000	0.000	
21.29	4.89	0.000	0.000	0.000	0.000	0.000	1.981	2.912	0.000	0.000	
21.49	5.60	0.000	0.000	0.000	0.000	0.000	2.327	3.276	0.000	0.000	
21.69	6.31	0.000	0.000	0.000	0.000	0.000	2.673	3.640	0.000	0.000	
21.89	7.02	0.000	0.000	0.000	0.000	0.000	3.019	4.004	0.000	0.000	
22.09	7.73	0.000	0.000	0.000	0.000	0.000	3.365	4.368	0.000	0.000	
22.29	8.44	0.000	0.000	0.000	0.000	0.000	3.711	4.732	0.000	0.000	
22.49	9.15	0.000	0.000	0.000	0.000	0.000	4.057	5.096	0.000	0.000	
22.69	9.86	0.000	0.000	0.000	0.000	0.000	4.403	5.460	0.000	0.000	
22.89	10.57	0.000	0.000	0.000	0.000	0.000	4.749	5.824	0.000	0.000	
23.09	11.28	0.000	0.000	0.000	0.000	0.000	5.095	6.188	0.000	0.000	
23.29	11.99	0.000	0.000	0.000	0.000	0.000	5.441	6.552	0.000	0.000	
STAGE START:	19.69	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-100	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.75	0.00	0.00	2.16
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	141.00	75.00	0.00	0.00	216.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.41	0.75	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.50	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	20.50	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.50	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.70	0.21	0.000	0.000	0.000	0.000	0.000	0.056	0.150	0.000	0.000	
20.90	0.53	0.000	0.000	0.000	0.000	0.000	0.226	0.300	0.000	0.000	
21.10	0.94	0.000	0.000	0.000	0.000	0.000	0.493	0.450	0.000	0.000	
21.30	1.38	0.000	0.000	0.000	0.000	0.000	0.775	0.600	0.000	0.000	
21.50	1.81	0.000	0.000	0.000	0.000	0.000	1.057	0.750	0.000	0.000	
21.70	2.24	0.000	0.000	0.000	0.000	0.000	1.339	0.900	0.000	0.000	
21.90	2.67	0.000	0.000	0.000	0.000	0.000	1.621	1.050	0.000	0.000	
22.10	3.10	0.000	0.000	0.000	0.000	0.000	1.903	1.200	0.000	0.000	
22.30	3.54	0.000	0.000	0.000	0.000	0.000	2.185	1.350	0.000	0.000	
22.50	3.97	0.000	0.000	0.000	0.000	0.000	2.467	1.500	0.000	0.000	
22.70	4.40	0.000	0.000	0.000	0.000	0.000	2.749	1.650	0.000	0.000	
22.90	4.83	0.000	0.000	0.000	0.000	0.000	3.031	1.800	0.000	0.000	
23.10	5.26	0.000	0.000	0.000	0.000	0.000	3.313	1.950	0.000	0.000	
23.30	5.70	0.000	0.000	0.000	0.000	0.000	3.595	2.100	0.000	0.000	
23.50	6.13	0.000	0.000	0.000	0.000	0.000	3.877	2.250	0.000	0.000	
23.70	6.56	0.000	0.000	0.000	0.000	0.000	4.159	2.400	0.000	0.000	
23.90	6.99	0.000	0.000	0.000	0.000	0.000	4.441	2.550	0.000	0.000	
24.10	7.42	0.000	0.000	0.000	0.000	0.000	4.723	2.700	0.000	0.000	
STAGE START:	20.50	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES

PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-101	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION

DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.08	0.00	0.00	0.76
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	68.00	8.00	0.00	0.00	76.00
COMPOSITE CN											100

STAGE STORAGE TABLE

USE	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE	L	V	L	L	V	L	V	L	V	
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.68	0.08	0.00	0.00	
AVG HIGH ELEV.	0.00	0.00	0.00	0.00	0.00	19.30	18.71	0.00	0.00	
AVG LOW ELEV.	0.00	0.00	0.00	0.00	0.00	18.71	18.71	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
18.71	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
18.91	0.04	0.000	0.000	0.000	0.000	0.000	0.023	0.016	0.000	
19.11	0.12	0.000	0.000	0.000	0.000	0.000	0.092	0.032	0.000	
19.31	0.26	0.000	0.000	0.000	0.000	0.000	0.207	0.048	0.000	
19.51	0.41	0.000	0.000	0.000	0.000	0.000	0.343	0.064	0.000	
19.71	0.56	0.000	0.000	0.000	0.000	0.000	0.479	0.080	0.000	
19.91	0.71	0.000	0.000	0.000	0.000	0.000	0.615	0.096	0.000	
20.11	0.86	0.000	0.000	0.000	0.000	0.000	0.751	0.112	0.000	
20.31	1.02	0.000	0.000	0.000	0.000	0.000	0.887	0.128	0.000	
20.51	1.17	0.000	0.000	0.000	0.000	0.000	1.023	0.144	0.000	
20.71	1.32	0.000	0.000	0.000	0.000	0.000	1.159	0.160	0.000	
20.91	1.47	0.000	0.000	0.000	0.000	0.000	1.295	0.176	0.000	
21.11	1.62	0.000	0.000	0.000	0.000	0.000	1.431	0.192	0.000	
21.31	1.78	0.000	0.000	0.000	0.000	0.000	1.567	0.208	0.000	
21.51	1.93	0.000	0.000	0.000	0.000	0.000	1.703	0.224	0.000	
21.71	2.08	0.000	0.000	0.000	0.000	0.000	1.839	0.240	0.000	
21.91	2.23	0.000	0.000	0.000	0.000	0.000	1.975	0.256	0.000	
22.11	2.38	0.000	0.000	0.000	0.000	0.000	2.111	0.272	0.000	
22.31	2.54	0.000	0.000	0.000	0.000	0.000	2.247	0.288	0.000	
STAGE START:	18.71	STAGE STEP:	0.2							

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-102	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.86	0.00	0.00	2.12
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	126.00	86.00	0.00	0.00	212.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.26	0.86	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	20.45	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.45	20.45	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.45	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.65	0.39	0.000	0.000	0.000	0.000	0.000	0.220	0.172	0.000	0.000	
20.85	0.82	0.000	0.000	0.000	0.000	0.000	0.472	0.344	0.000	0.000	
21.05	1.24	0.000	0.000	0.000	0.000	0.000	0.724	0.516	0.000	0.000	
21.25	1.66	0.000	0.000	0.000	0.000	0.000	0.976	0.688	0.000	0.000	
21.45	2.09	0.000	0.000	0.000	0.000	0.000	1.229	0.860	0.000	0.000	
21.65	2.51	0.000	0.000	0.000	0.000	0.000	1.480	1.032	0.000	0.000	
21.85	2.94	0.000	0.000	0.000	0.000	0.000	1.732	1.204	0.000	0.000	
22.05	3.36	0.000	0.000	0.000	0.000	0.000	1.984	1.376	0.000	0.000	
22.25	3.78	0.000	0.000	0.000	0.000	0.000	2.236	1.548	0.000	0.000	
22.45	4.21	0.000	0.000	0.000	0.000	0.000	2.488	1.720	0.000	0.000	
22.65	4.63	0.000	0.000	0.000	0.000	0.000	2.740	1.892	0.000	0.000	
22.85	5.06	0.000	0.000	0.000	0.000	0.000	2.992	2.064	0.000	0.000	
23.05	5.48	0.000	0.000	0.000	0.000	0.000	3.244	2.236	0.000	0.000	
23.25	5.90	0.000	0.000	0.000	0.000	0.000	3.496	2.408	0.000	0.000	
23.45	6.33	0.000	0.000	0.000	0.000	0.000	3.748	2.580	0.000	0.000	
23.65	6.75	0.000	0.000	0.000	0.000	0.000	4.000	2.752	0.000	0.000	
23.85	7.18	0.000	0.000	0.000	0.000	0.000	4.252	2.924	0.000	0.000	
24.05	7.60	0.000	0.000	0.000	0.000	0.000	4.504	3.096	0.000	0.000	
STAGE START:	20.45	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-103	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.36	0.00	0.00	1.17
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	81.00	36.00	0.00	0.00	117.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.81	0.36	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	19.50	18.81	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	18.81	18.81	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
18.81	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.01	0.10	0.000	0.000	0.000	0.000	0.000	0.023	0.072	0.000	0.000	
19.21	0.24	0.000	0.000	0.000	0.000	0.000	0.094	0.144	0.000	0.000	
19.41	0.43	0.000	0.000	0.000	0.000	0.000	0.211	0.216	0.000	0.000	
19.61	0.66	0.000	0.000	0.000	0.000	0.000	0.369	0.288	0.000	0.000	
19.81	0.89	0.000	0.000	0.000	0.000	0.000	0.531	0.360	0.000	0.000	
20.01	1.12	0.000	0.000	0.000	0.000	0.000	0.693	0.432	0.000	0.000	
20.21	1.36	0.000	0.000	0.000	0.000	0.000	0.855	0.504	0.000	0.000	
20.41	1.59	0.000	0.000	0.000	0.000	0.000	1.017	0.576	0.000	0.000	
20.61	1.83	0.000	0.000	0.000	0.000	0.000	1.179	0.648	0.000	0.000	
20.81	2.06	0.000	0.000	0.000	0.000	0.000	1.341	0.720	0.000	0.000	
21.01	2.29	0.000	0.000	0.000	0.000	0.000	1.503	0.792	0.000	0.000	
21.21	2.53	0.000	0.000	0.000	0.000	0.000	1.665	0.864	0.000	0.000	
21.41	2.76	0.000	0.000	0.000	0.000	0.000	1.827	0.936	0.000	0.000	
21.61	3.00	0.000	0.000	0.000	0.000	0.000	1.989	1.008	0.000	0.000	
21.81	3.23	0.000	0.000	0.000	0.000	0.000	2.151	1.080	0.000	0.000	
22.01	3.46	0.000	0.000	0.000	0.000	0.000	2.313	1.152	0.000	0.000	
22.21	3.70	0.000	0.000	0.000	0.000	0.000	2.475	1.224	0.000	0.000	
22.41	3.93	0.000	0.000	0.000	0.000	0.000	2.637	1.296	0.000	0.000	
STAGE START:	18.81	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-104	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.15	0.00	0.00	0.76
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	61.00	15.00	0.00	0.00	76.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.61	0.15	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.00	19.30	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.30	19.30	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.30	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.50	0.05	0.000	0.000	0.000	0.000	0.000	0.017	0.030	0.000	0.000	
19.70	0.13	0.000	0.000	0.000	0.000	0.000	0.070	0.060	0.000	0.000	
19.90	0.25	0.000	0.000	0.000	0.000	0.000	0.157	0.090	0.000	0.000	
20.10	0.39	0.000	0.000	0.000	0.000	0.000	0.274	0.120	0.000	0.000	
20.30	0.55	0.000	0.000	0.000	0.000	0.000	0.396	0.150	0.000	0.000	
20.50	0.70	0.000	0.000	0.000	0.000	0.000	0.518	0.180	0.000	0.000	
20.70	0.85	0.000	0.000	0.000	0.000	0.000	0.640	0.210	0.000	0.000	
20.90	1.00	0.000	0.000	0.000	0.000	0.000	0.762	0.240	0.000	0.000	
21.10	1.15	0.000	0.000	0.000	0.000	0.000	0.884	0.270	0.000	0.000	
21.30	1.31	0.000	0.000	0.000	0.000	0.000	1.007	0.300	0.000	0.000	
21.50	1.46	0.000	0.000	0.000	0.000	0.000	1.129	0.330	0.000	0.000	
21.70	1.61	0.000	0.000	0.000	0.000	0.000	1.251	0.360	0.000	0.000	
21.90	1.76	0.000	0.000	0.000	0.000	0.000	1.372	0.390	0.000	0.000	
22.10	1.91	0.000	0.000	0.000	0.000	0.000	1.494	0.420	0.000	0.000	
22.30	2.07	0.000	0.000	0.000	0.000	0.000	1.616	0.450	0.000	0.000	
22.50	2.22	0.000	0.000	0.000	0.000	0.000	1.738	0.480	0.000	0.000	
22.70	2.37	0.000	0.000	0.000	0.000	0.000	1.860	0.510	0.000	0.000	
22.90	2.52	0.000	0.000	0.000	0.000	0.000	1.982	0.540	0.000	0.000	
STAGE START:	19.30	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-105	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	1.57
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	30.00	127.00	0.00	0.00	157.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	19.44	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	19.44	19.44	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
19.44	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
19.64	0.26	0.000	0.000	0.000	0.000	0.000	0.006	0.254	0.000	0.000	
19.84	0.53	0.000	0.000	0.000	0.000	0.000	0.023	0.508	0.000	0.000	
20.04	0.81	0.000	0.000	0.000	0.000	0.000	0.051	0.762	0.000	0.000	
20.24	1.11	0.000	0.000	0.000	0.000	0.000	0.091	1.016	0.000	0.000	
20.44	1.41	0.000	0.000	0.000	0.000	0.000	0.142	1.270	0.000	0.000	
20.64	1.72	0.000	0.000	0.000	0.000	0.000	0.201	1.524	0.000	0.000	
20.84	2.04	0.000	0.000	0.000	0.000	0.000	0.261	1.778	0.000	0.000	
21.04	2.35	0.000	0.000	0.000	0.000	0.000	0.321	2.032	0.000	0.000	
21.24	2.67	0.000	0.000	0.000	0.000	0.000	0.381	2.286	0.000	0.000	
21.44	2.98	0.000	0.000	0.000	0.000	0.000	0.441	2.540	0.000	0.000	
21.64	3.29	0.000	0.000	0.000	0.000	0.000	0.501	2.794	0.000	0.000	
21.84	3.61	0.000	0.000	0.000	0.000	0.000	0.561	3.048	0.000	0.000	
22.04	3.92	0.000	0.000	0.000	0.000	0.000	0.621	3.302	0.000	0.000	
22.24	4.24	0.000	0.000	0.000	0.000	0.000	0.681	3.556	0.000	0.000	
22.44	4.55	0.000	0.000	0.000	0.000	0.000	0.741	3.810	0.000	0.000	
22.64	4.86	0.000	0.000	0.000	0.000	0.000	0.801	4.064	0.000	0.000	
22.84	5.18	0.000	0.000	0.000	0.000	0.000	0.861	4.318	0.000	0.000	
23.04	5.49	0.000	0.000	0.000	0.000	0.000	0.921	4.572	0.000	0.000	
STAGE START:	19.44	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-106	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	1.57
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	30.00	127.00	0.00	0.00	157.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.00	20.80	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.80	20.80	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.80	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.00	0.28	0.000	0.000	0.000	0.000	0.000	0.030	0.254	0.000	0.000	
21.20	0.60	0.000	0.000	0.000	0.000	0.000	0.090	0.508	0.000	0.000	
21.40	0.91	0.000	0.000	0.000	0.000	0.000	0.150	0.762	0.000	0.000	
21.60	1.23	0.000	0.000	0.000	0.000	0.000	0.210	1.016	0.000	0.000	
21.80	1.54	0.000	0.000	0.000	0.000	0.000	0.270	1.270	0.000	0.000	
22.00	1.85	0.000	0.000	0.000	0.000	0.000	0.330	1.524	0.000	0.000	
22.20	2.17	0.000	0.000	0.000	0.000	0.000	0.390	1.778	0.000	0.000	
22.40	2.48	0.000	0.000	0.000	0.000	0.000	0.450	2.032	0.000	0.000	
22.60	2.80	0.000	0.000	0.000	0.000	0.000	0.510	2.286	0.000	0.000	
22.80	3.11	0.000	0.000	0.000	0.000	0.000	0.570	2.540	0.000	0.000	
23.00	3.42	0.000	0.000	0.000	0.000	0.000	0.630	2.794	0.000	0.000	
23.20	3.74	0.000	0.000	0.000	0.000	0.000	0.690	3.048	0.000	0.000	
23.40	4.05	0.000	0.000	0.000	0.000	0.000	0.750	3.302	0.000	0.000	
23.60	4.37	0.000	0.000	0.000	0.000	0.000	0.810	3.556	0.000	0.000	
23.80	4.68	0.000	0.000	0.000	0.000	0.000	0.870	3.810	0.000	0.000	
24.00	4.99	0.000	0.000	0.000	0.000	0.000	0.930	4.064	0.000	0.000	
24.20	5.31	0.000	0.000	0.000	0.000	0.000	0.990	4.318	0.000	0.000	
24.40	5.62	0.000	0.000	0.000	0.000	0.000	1.050	4.572	0.000	0.000	
STAGE START:	20.80	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-107	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	1.57
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	30.00	127.00	0.00	0.00	157.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	20.36	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.36	20.36	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.36	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.56	0.29	0.000	0.000	0.000	0.000	0.000	0.039	0.254	0.000	0.000	
20.76	0.61	0.000	0.000	0.000	0.000	0.000	0.099	0.508	0.000	0.000	
20.96	0.92	0.000	0.000	0.000	0.000	0.000	0.159	0.762	0.000	0.000	
21.16	1.24	0.000	0.000	0.000	0.000	0.000	0.219	1.016	0.000	0.000	
21.36	1.55	0.000	0.000	0.000	0.000	0.000	0.279	1.270	0.000	0.000	
21.56	1.86	0.000	0.000	0.000	0.000	0.000	0.339	1.524	0.000	0.000	
21.76	2.18	0.000	0.000	0.000	0.000	0.000	0.399	1.778	0.000	0.000	
21.96	2.49	0.000	0.000	0.000	0.000	0.000	0.459	2.032	0.000	0.000	
22.16	2.80	0.000	0.000	0.000	0.000	0.000	0.519	2.286	0.000	0.000	
22.36	3.12	0.000	0.000	0.000	0.000	0.000	0.579	2.540	0.000	0.000	
22.56	3.43	0.000	0.000	0.000	0.000	0.000	0.639	2.794	0.000	0.000	
22.76	3.75	0.000	0.000	0.000	0.000	0.000	0.699	3.048	0.000	0.000	
22.96	4.06	0.000	0.000	0.000	0.000	0.000	0.759	3.302	0.000	0.000	
23.16	4.37	0.000	0.000	0.000	0.000	0.000	0.819	3.556	0.000	0.000	
23.36	4.69	0.000	0.000	0.000	0.000	0.000	0.879	3.810	0.000	0.000	
23.56	5.00	0.000	0.000	0.000	0.000	0.000	0.939	4.064	0.000	0.000	
23.76	5.32	0.000	0.000	0.000	0.000	0.000	0.999	4.318	0.000	0.000	
23.96	5.63	0.000	0.000	0.000	0.000	0.000	1.059	4.572	0.000	0.000	
STAGE START:	20.36	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-108	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	1.57
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	30.00	127.00	0.00	0.00	157.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	0.30	1.27	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	20.50	20.38	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.38	20.38	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.38	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.58	0.30	0.000	0.000	0.000	0.000	0.000	0.042	0.254	0.000	0.000	
20.78	0.61	0.000	0.000	0.000	0.000	0.000	0.102	0.508	0.000	0.000	
20.98	0.92	0.000	0.000	0.000	0.000	0.000	0.162	0.762	0.000	0.000	
21.18	1.24	0.000	0.000	0.000	0.000	0.000	0.222	1.016	0.000	0.000	
21.38	1.55	0.000	0.000	0.000	0.000	0.000	0.282	1.270	0.000	0.000	
21.58	1.87	0.000	0.000	0.000	0.000	0.000	0.342	1.524	0.000	0.000	
21.78	2.18	0.000	0.000	0.000	0.000	0.000	0.402	1.778	0.000	0.000	
21.98	2.49	0.000	0.000	0.000	0.000	0.000	0.462	2.032	0.000	0.000	
22.18	2.81	0.000	0.000	0.000	0.000	0.000	0.522	2.286	0.000	0.000	
22.38	3.12	0.000	0.000	0.000	0.000	0.000	0.582	2.540	0.000	0.000	
22.58	3.44	0.000	0.000	0.000	0.000	0.000	0.642	2.794	0.000	0.000	
22.78	3.75	0.000	0.000	0.000	0.000	0.000	0.702	3.048	0.000	0.000	
22.98	4.06	0.000	0.000	0.000	0.000	0.000	0.762	3.302	0.000	0.000	
23.18	4.38	0.000	0.000	0.000	0.000	0.000	0.822	3.556	0.000	0.000	
23.38	4.69	0.000	0.000	0.000	0.000	0.000	0.882	3.810	0.000	0.000	
23.58	5.01	0.000	0.000	0.000	0.000	0.000	0.942	4.064	0.000	0.000	
23.78	5.32	0.000	0.000	0.000	0.000	0.000	1.002	4.318	0.000	0.000	
23.98	5.63	0.000	0.000	0.000	0.000	0.000	1.062	4.572	0.000	0.000	
STAGE START:	20.38	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-109	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	1.25	1.08	0.00	0.00	2.33
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	125.00	108.00	0.00	0.00	233.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	1.25	1.08	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.50	21.35	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	21.35	21.35	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.35	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.55	0.37	0.000	0.000	0.000	0.000	0.000	0.156	0.216	0.000	0.000	
21.75	0.84	0.000	0.000	0.000	0.000	0.000	0.406	0.432	0.000	0.000	
21.95	1.30	0.000	0.000	0.000	0.000	0.000	0.656	0.648	0.000	0.000	
22.15	1.77	0.000	0.000	0.000	0.000	0.000	0.906	0.864	0.000	0.000	
22.35	2.24	0.000	0.000	0.000	0.000	0.000	1.156	1.080	0.000	0.000	
22.55	2.70	0.000	0.000	0.000	0.000	0.000	1.406	1.296	0.000	0.000	
22.75	3.17	0.000	0.000	0.000	0.000	0.000	1.656	1.512	0.000	0.000	
22.95	3.63	0.000	0.000	0.000	0.000	0.000	1.906	1.728	0.000	0.000	
23.15	4.10	0.000	0.000	0.000	0.000	0.000	2.156	1.944	0.000	0.000	
23.35	4.57	0.000	0.000	0.000	0.000	0.000	2.406	2.160	0.000	0.000	
23.55	5.03	0.000	0.000	0.000	0.000	0.000	2.656	2.376	0.000	0.000	
23.75	5.50	0.000	0.000	0.000	0.000	0.000	2.906	2.592	0.000	0.000	
23.95	5.96	0.000	0.000	0.000	0.000	0.000	3.156	2.808	0.000	0.000	
24.15	6.43	0.000	0.000	0.000	0.000	0.000	3.406	3.024	0.000	0.000	
24.35	6.90	0.000	0.000	0.000	0.000	0.000	3.656	3.240	0.000	0.000	
24.55	7.36	0.000	0.000	0.000	0.000	0.000	3.906	3.456	0.000	0.000	
24.75	7.83	0.000	0.000	0.000	0.000	0.000	4.156	3.672	0.000	0.000	
24.95	8.29	0.000	0.000	0.000	0.000	0.000	4.406	3.888	0.000	0.000	
STAGE START:	21.35	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-110	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.20	3.16	0.00	0.00	5.36
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	220.00	316.00	0.00	0.00	536.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.20	3.16	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.20	20.20	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.20	20.20	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.20	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.40	0.68	0.000	0.000	0.000	0.000	0.000	0.044	0.632	0.000	0.000	
20.60	1.44	0.000	0.000	0.000	0.000	0.000	0.176	1.264	0.000	0.000	
20.80	2.29	0.000	0.000	0.000	0.000	0.000	0.396	1.896	0.000	0.000	
21.00	3.23	0.000	0.000	0.000	0.000	0.000	0.704	2.528	0.000	0.000	
21.20	4.26	0.000	0.000	0.000	0.000	0.000	1.100	3.160	0.000	0.000	
21.40	5.33	0.000	0.000	0.000	0.000	0.000	1.540	3.792	0.000	0.000	
21.60	6.40	0.000	0.000	0.000	0.000	0.000	1.980	4.424	0.000	0.000	
21.80	7.48	0.000	0.000	0.000	0.000	0.000	2.420	5.056	0.000	0.000	
22.00	8.55	0.000	0.000	0.000	0.000	0.000	2.860	5.688	0.000	0.000	
22.20	9.62	0.000	0.000	0.000	0.000	0.000	3.300	6.320	0.000	0.000	
22.40	10.69	0.000	0.000	0.000	0.000	0.000	3.740	6.952	0.000	0.000	
22.60	11.76	0.000	0.000	0.000	0.000	0.000	4.180	7.584	0.000	0.000	
22.80	12.84	0.000	0.000	0.000	0.000	0.000	4.620	8.216	0.000	0.000	
23.00	13.91	0.000	0.000	0.000	0.000	0.000	5.060	8.848	0.000	0.000	
23.20	14.98	0.000	0.000	0.000	0.000	0.000	5.500	9.480	0.000	0.000	
23.40	16.05	0.000	0.000	0.000	0.000	0.000	5.940	10.112	0.000	0.000	
23.60	17.12	0.000	0.000	0.000	0.000	0.000	6.380	10.744	0.000	0.000	
23.80	18.20	0.000	0.000	0.000	0.000	0.000	6.820	11.376	0.000	0.000	
STAGE START:	20.20	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	24522000	DATE:	7/18/2023	JWA RANCH, LLC					
BASIN NAME:	BWL-111	BASIN ANALYSIS:	PRE-DEVCELOPMENT			KIMLEY-HORN AND ASSOCIATES, INC					

CN CALCULATION											
DESCRIPTION	BUILDING	PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	TOTAL
CN	100	98	100	80	80	100	100	100	80	100	-
AREA (AC)	0.00	0.00	0.00	0.00	0.00	0.00	2.20	3.16	0.00	0.00	5.36
PRODUCT	0.00	0.00	0.00	0.00	0.00	0.00	220.00	316.00	0.00	0.00	536.00
COMPOSITE CN											100

STAGE STORAGE TABLE											
USE		PAVEMENT	LAKE	OPEN SPACE	DRY POND BANK	DRY POND BOT.	LAKE BANK	WETLAMD BOT.	DITCH BANK	DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		0.00	0.00	0.00	0.00	0.00	2.20	3.16	0.00	0.00	
AVG HIGH ELEV.		0.00	0.00	0.00	0.00	0.00	21.40	20.00	0.00	0.00	
AVG LOW ELEV.		0.00	0.00	0.00	0.00	0.00	20.00	20.00	0.00	0.00	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.20	0.66	0.000	0.000	0.000	0.000	0.000	0.031	0.632	0.000	0.000	
20.40	1.39	0.000	0.000	0.000	0.000	0.000	0.126	1.264	0.000	0.000	
20.60	2.18	0.000	0.000	0.000	0.000	0.000	0.283	1.896	0.000	0.000	
20.80	3.03	0.000	0.000	0.000	0.000	0.000	0.503	2.528	0.000	0.000	
21.00	3.95	0.000	0.000	0.000	0.000	0.000	0.786	3.160	0.000	0.000	
21.20	4.92	0.000	0.000	0.000	0.000	0.000	1.131	3.792	0.000	0.000	
21.40	5.96	0.000	0.000	0.000	0.000	0.000	1.540	4.424	0.000	0.000	
21.60	7.04	0.000	0.000	0.000	0.000	0.000	1.980	5.056	0.000	0.000	
21.80	8.11	0.000	0.000	0.000	0.000	0.000	2.420	5.688	0.000	0.000	
22.00	9.18	0.000	0.000	0.000	0.000	0.000	2.860	6.320	0.000	0.000	
22.20	10.25	0.000	0.000	0.000	0.000	0.000	3.300	6.952	0.000	0.000	
22.40	11.32	0.000	0.000	0.000	0.000	0.000	3.740	7.584	0.000	0.000	
22.60	12.40	0.000	0.000	0.000	0.000	0.000	4.180	8.216	0.000	0.000	
22.80	13.47	0.000	0.000	0.000	0.000	0.000	4.620	8.848	0.000	0.000	
23.00	14.54	0.000	0.000	0.000	0.000	0.000	5.060	9.480	0.000	0.000	
23.20	15.61	0.000	0.000	0.000	0.000	0.000	5.500	10.112	0.000	0.000	
23.40	16.68	0.000	0.000	0.000	0.000	0.000	5.940	10.744	0.000	0.000	
23.60	17.76	0.000	0.000	0.000	0.000	0.000	6.380	11.376	0.000	0.000	
STAGE START:	20.00	STAGE STEP:	0.2								

Note: Landscape Curve Number determined from Table 2-2C in TR55. Cover type: Pasture, Grassland, or Range. Soil Group D, condition Good.

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-01

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.00		
5a. Land Elevation For Upper End Of Flow Path		0.0084		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.16		
		0.184	+	=
				0.184 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	152.00		
9a. Land Elevation For Upper End Of Flow Path		0.0037		
9b. Land Elevation For Lower End Of Flow Path		22.16		
10. Average velocity, V (Figure 3-1)	ft/s	21.60		
11. Tt = L/3600V Compute Tt	hr	0.98		
		0.043	+	=
				0.043 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.228** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-02

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0182		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.18		
		0.126	+	=
				0.126 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	1032.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		22.18		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.21		
		1.358	+	=
				1.358 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.484** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

89.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-06

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0136		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.64		
		0.142	+	=
				0.142 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	996.00		
9a. Land Elevation For Upper End Of Flow Path		0.0001		
9b. Land Elevation For Lower End Of Flow Path		22.64		
10. Average velocity, V (Figure 3-1)	ft/s	22.50		
11. Tt = L/3600V Compute Tt	hr	0.19		
		1.463	+	=
				1.463 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.604** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

96.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-07

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0126		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.74		
		0.146	+	=
				0.146 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	525.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		22.74		
10. Average velocity, V (Figure 3-1)	ft/s	22.50		
11. Tt = L/3600V Compute Tt	hr	0.34		
		0.423	+	=
				0.423 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.569** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

34.1 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-08

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.00		
5a. Land Elevation For Upper End Of Flow Path		0.0124		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.76		
		0.158	+	=
				0.158 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	469.00		
9a. Land Elevation For Upper End Of Flow Path		0.0006		
9b. Land Elevation For Lower End Of Flow Path		22.76		
10. Average velocity, V (Figure 3-1)	ft/s	22.50		
11. Tt = L/3600V Compute Tt	hr	0.38		
		0.341	+	=
				0.341 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.499** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

29.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-09

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.00		
5a. Land Elevation For Upper End Of Flow Path		0.0145		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.55		
		0.149	+	=
				0.149 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	264.00		
9a. Land Elevation For Upper End Of Flow Path		0.0021		
9b. Land Elevation For Lower End Of Flow Path		22.55		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.74		
		0.100	+	=
				0.100 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.248** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-10

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.00	
5. Calculated Land slope, s	ft/ft	0.0209	
5a. Land Elevation For Upper End Of Flow Path		24.00	
5b. Land Elevation For Lower End Of Flow Path		21.91	
6. Compute Tt [Eq. 3-3]	hr	0.128	+ = 0.128 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	1300.00	
9. Calculated Watercourse slope, s	ft/ft	0.0001	
9a. Land Elevation For Upper End Of Flow Path		21.91	
9b. Land Elevation For Lower End Of Flow Path		21.75	
10. Average velocity, V (Figure 3-1)	ft/s	0.18	
11. Tt = L/3600V Compute Tt	hr	2.013	+ = 2.013 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 2.141 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

128.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-11

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.00		
5a. Land Elevation For Upper End Of Flow Path		0.0170		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	22.30		
		0.140	+	=
				0.140 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	560.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		22.30		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.38		
		0.414	+	=
				0.414 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.554** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

33.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-12

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0040		
5b. Land Elevation For Lower End Of Flow Path		23.50		
6. Compute Tt [Eq. 3-3]	hr	23.10		
		0.231	+	=
				0.231 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	416.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		23.10		
10. Average velocity, V (Figure 3-1)	ft/s	23.00		
11. Tt = L/3600V Compute Tt	hr	0.25		
		0.469	+	=
				0.469 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.700** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

42.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-13

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.00		
5a. Land Elevation For Upper End Of Flow Path		0.0132		
5b. Land Elevation For Lower End Of Flow Path		23.50		
6. Compute Tt [Eq. 3-3]	hr	22.18		
		0.154	+	=
				0.154 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	739.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		22.18		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.25		
		0.818	+	=
				0.818 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.972** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

58.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-14

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0201		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	21.99		
		0.121	+	=
				0.121 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	412.00		
9a. Land Elevation For Upper End Of Flow Path		0.0012		
9b. Land Elevation For Lower End Of Flow Path		21.99		
10. Average velocity, V (Figure 3-1)	ft/s	21.50		
11. Tt = L/3600V Compute Tt	hr	0.56		
		0.206	+	=
				0.206 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.327** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

19.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-15

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0112		
5b. Land Elevation For Lower End Of Flow Path		21.50		
6. Compute Tt [Eq. 3-3]	hr	20.38		
		0.153	+	=
				0.153 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	191.00		
9a. Land Elevation For Upper End Of Flow Path		0.0031		
9b. Land Elevation For Lower End Of Flow Path		20.38		
10. Average velocity, V (Figure 3-1)	ft/s	19.80		
11. Tt = L/3600V Compute Tt	hr	0.89		
		0.059	+	=
				0.059 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.213** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-16

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	100.00	ft	
4. Two-yr 24-hr rainfall, P2	5.78	in	
5. Calculated Land slope, s	0.0153	ft/ft	
5a. Land Elevation For Upper End Of Flow Path	21.77		
5b. Land Elevation For Lower End Of Flow Path	20.24		
6. Compute Tt [Eq. 3-3]	0.135	hr	= 0.135 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	625.00	ft	
9. Calculated Watercourse slope, s	0.0004	ft/ft	
9a. Land Elevation For Upper End Of Flow Path	20.24		
9b. Land Elevation For Lower End Of Flow Path	20.00		
10. Average velocity, V (Figure 3-1)	0.32	ft/s	
11. Tt = L/3600V Compute Tt	0.544	hr	= 0.544 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	0.00	sf	
13. Wetted perimeter, Pw	0.00	ft	
14. Hydraulic radius, r = a/Pw Compute r	0.000	ft	
15. Channel slope, s	0.000	ft/ft	
16. Manning's roughness coeff., n	0.013		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	0.000	ft/s	
18. Flow length, L	0.00	ft	
19. Tt = L/3600V Compute Tt	0.000	hr	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.680 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

40.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-17

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0179		
5b. Land Elevation For Lower End Of Flow Path		21.77		
6. Compute Tt [Eq. 3-3]	hr	19.98		
		0.127	+	=
				0.127 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	375.00		
9a. Land Elevation For Upper End Of Flow Path		0.0013		
9b. Land Elevation For Lower End Of Flow Path		19.98		
10. Average velocity, V (Figure 3-1)	ft/s	19.50		
11. Tt = L/3600V Compute Tt	hr	0.58		
		0.181	+	=
				0.181 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.308** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

18.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-18

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0109	
5a. Land Elevation For Upper End Of Flow Path		21.77	
5b. Land Elevation For Lower End Of Flow Path		20.68	
6. Compute Tt [Eq. 3-3]	hr	0.155	+ = 0.155 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	395.00	
9. Calculated Watercourse slope, s	ft/ft	0.0007	
9a. Land Elevation For Upper End Of Flow Path		20.68	
9b. Land Elevation For Lower End Of Flow Path		20.40	
10. Average velocity, V (Figure 3-1)	ft/s	0.43	
11. Tt = L/3600V Compute Tt	hr	0.257	+ = 0.257 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.412 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

24.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-19

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0166		
5b. Land Elevation For Lower End Of Flow Path		22.29		
6. Compute Tt [Eq. 3-3]	hr	20.63		
		0.131	+	=
				0.131 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	265.00		
9a. Land Elevation For Upper End Of Flow Path		0.0024		
9b. Land Elevation For Lower End Of Flow Path		20.63		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.79		
		0.094	+	=
				0.094 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.225** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-20

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0187		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	20.63		
		0.125	+	=
				0.125 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	294.00		
9a. Land Elevation For Upper End Of Flow Path		0.0022		
9b. Land Elevation For Lower End Of Flow Path		20.63		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.75		
		0.109	+	=
				0.109 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.234** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-21

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0127		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	21.23		
		0.146	+	=
				0.146 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	173.00		
9a. Land Elevation For Upper End Of Flow Path		0.0042		
9b. Land Elevation For Lower End Of Flow Path		21.23		
10. Average velocity, V (Figure 3-1)	ft/s	20.50		
11. Tt = L/3600V Compute Tt	hr	1.05		
		0.046	+	=
				0.046 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.192** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

11.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-23

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0113		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	21.37		
		0.153	+	=
				0.153 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	305.00		
9a. Land Elevation For Upper End Of Flow Path		0.0012		
9b. Land Elevation For Lower End Of Flow Path		21.37		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.56		
		0.151	+	=
				0.151 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.303** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

18.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-24

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0176		
5b. Land Elevation For Lower End Of Flow Path		21.77		
6. Compute Tt [Eq. 3-3]	hr	20.01		
		0.128	+	=
				0.128 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	347.00		
9a. Land Elevation For Upper End Of Flow Path		0.0015		
9b. Land Elevation For Lower End Of Flow Path		20.01		
10. Average velocity, V (Figure 3-1)	ft/s	19.50		
11. Tt = L/3600V Compute Tt	hr	0.62		
		0.156	+	=
				0.156 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.284** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-25

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0170		
5b. Land Elevation For Lower End Of Flow Path		22.75		
6. Compute Tt [Eq. 3-3]	hr	21.05		
		0.130	+	=
				0.130 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	1139.00		
9a. Land Elevation For Upper End Of Flow Path		0.0001		
9b. Land Elevation For Lower End Of Flow Path		21.05		
10. Average velocity, V (Figure 3-1)	ft/s	20.90		
11. Tt = L/3600V Compute Tt	hr	0.18		
		1.713	+	=
				1.713 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.842** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

110.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-26

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0121		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	21.29		
		0.148	+	=
				0.148 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	315.00		
9a. Land Elevation For Upper End Of Flow Path		0.0012		
9b. Land Elevation For Lower End Of Flow Path		21.29		
10. Average velocity, V (Figure 3-1)	ft/s	20.90		
11. Tt = L/3600V Compute Tt	hr	0.56		
		0.155	+	=
				0.155 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.303** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

18.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-27

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0044		
5b. Land Elevation For Lower End Of Flow Path		21.57		
6. Compute Tt [Eq. 3-3]	hr	21.13		
		0.222	+	=
				0.222 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	347.00		
9a. Land Elevation For Upper End Of Flow Path		0.0004		
9b. Land Elevation For Lower End Of Flow Path		21.13		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.31		
		0.312	+	=
				0.312 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.534** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

32.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-28

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0124		
5a. Land Elevation For Upper End Of Flow Path		23.00		
5b. Land Elevation For Lower End Of Flow Path		21.76		
6. Compute Tt [Eq. 3-3]	hr	0.147	+	= 0.147 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	470.00		
9. Calculated Watercourse slope, s	ft/ft	0.0006		
9a. Land Elevation For Upper End Of Flow Path		21.76		
9b. Land Elevation For Lower End Of Flow Path		21.50		
10. Average velocity, V (Figure 3-1)	ft/s	0.38		
11. Tt = L/3600V Compute Tt	hr	0.342	+	= 0.342 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.489 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

29.4 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-29

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0115		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	21.56		
		0.151	+	=
				0.151 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	557.00		
9a. Land Elevation For Upper End Of Flow Path		0.0004		
9b. Land Elevation For Lower End Of Flow Path		21.56		
10. Average velocity, V (Figure 3-1)	ft/s	21.35		
11. Tt = L/3600V Compute Tt	hr	0.31		
		0.497	+	=
				0.497 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.649** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

38.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-30

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0239		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	20.32		
		0.113	+	=
				0.113 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	754.00		
9a. Land Elevation For Upper End Of Flow Path		0.0004		
9b. Land Elevation For Lower End Of Flow Path		20.32		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.33		
		0.633	+	=
				0.633 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.746** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

44.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-31

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0111		
5b. Land Elevation For Lower End Of Flow Path		23.50		
6. Compute Tt [Eq. 3-3]	hr	22.39		
		0.154	+	=
				0.154 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	286.00		
9a. Land Elevation For Upper End Of Flow Path		0.0014		
9b. Land Elevation For Lower End Of Flow Path		22.39		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.59		
		0.134	+	=
				0.134 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.287** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-32

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0038		
5b. Land Elevation For Lower End Of Flow Path		22.70		
6. Compute Tt [Eq. 3-3]	hr	22.32		
		0.235	+	=
				0.235 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	179.00		
9a. Land Elevation For Upper End Of Flow Path		0.0012		
9b. Land Elevation For Lower End Of Flow Path		22.32		
10. Average velocity, V (Figure 3-1)	ft/s	22.10		
11. Tt = L/3600V Compute Tt	hr	0.56		
		0.089	+	=
				0.089 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.324** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

19.4 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-33

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0228		
5b. Land Elevation For Lower End Of Flow Path		23.50		
6. Compute Tt [Eq. 3-3]	hr	21.22		
		0.115	+	=
				0.115 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	543.00		
9a. Land Elevation For Upper End Of Flow Path		0.0008		
9b. Land Elevation For Lower End Of Flow Path		21.22		
10. Average velocity, V (Figure 3-1)	ft/s	20.80		
11. Tt = L/3600V Compute Tt	hr	0.45		
		0.336	+	=
				0.336 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.451** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

27.1 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-34

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0238		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	20.12		
		0.113	+	=
				0.113 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	1056.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		20.12		
10. Average velocity, V (Figure 3-1)	ft/s	19.90		
11. Tt = L/3600V Compute Tt	hr	0.24		
		1.246	+	=
				1.246 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.359** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

81.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-35

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0233		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	20.18		
		0.114	+	=
				0.114 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	620.00		
9a. Land Elevation For Upper End Of Flow Path		0.0006		
9b. Land Elevation For Lower End Of Flow Path		20.18		
10. Average velocity, V (Figure 3-1)	ft/s	19.80		
11. Tt = L/3600V Compute Tt	hr	0.40		
		0.434	+	=
				0.434 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.548** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

32.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-36

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0095		
5b. Land Elevation For Lower End Of Flow Path		21.35		
6. Compute Tt [Eq. 3-3]	hr	20.40		
		0.163	+	=
				0.163 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	160.00		
9a. Land Elevation For Upper End Of Flow Path		0.0037		
9b. Land Elevation For Lower End Of Flow Path		20.40		
10. Average velocity, V (Figure 3-1)	ft/s	19.80		
11. Tt = L/3600V Compute Tt	hr	0.98		
		0.045	+	=
				0.045 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.209** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-37

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0151		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	20.99		
		0.136	+	=
				0.136 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	809.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		20.99		
10. Average velocity, V (Figure 3-1)	ft/s	20.80		
11. Tt = L/3600V Compute Tt	hr	0.25		
		0.916	+	=
				0.916 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.052** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

63.1 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-38

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0001		
5a. Land Elevation For Upper End Of Flow Path		22.00		
5b. Land Elevation For Lower End Of Flow Path		21.99		
6. Compute Tt [Eq. 3-3]	hr	0.864	+	= 0.864 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	1.00		
9. Calculated Watercourse slope, s	ft/ft	1.4851		
9a. Land Elevation For Upper End Of Flow Path		21.99		
9b. Land Elevation For Lower End Of Flow Path		20.50		
10. Average velocity, V (Figure 3-1)	ft/s	19.66		
11. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.864 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

51.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-39

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0159		
5a. Land Elevation For Upper End Of Flow Path		22.29		
5b. Land Elevation For Lower End Of Flow Path		20.70		
6. Compute Tt [Eq. 3-3]	hr	0.133	+	= 0.133 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	392.00		
9. Calculated Watercourse slope, s	ft/ft	0.0010		
9a. Land Elevation For Upper End Of Flow Path		20.70		
9b. Land Elevation For Lower End Of Flow Path		20.30		
10. Average velocity, V (Figure 3-1)	ft/s	0.52		
11. Tt = L/3600V Compute Tt	hr	0.210	+	= 0.210 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.343 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

20.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-41

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0151	
5a. Land Elevation For Upper End Of Flow Path		22.50	
5b. Land Elevation For Lower End Of Flow Path		20.99	
6. Compute Tt [Eq. 3-3]	hr	0.136	+ = 0.136 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	787.00	
9. Calculated Watercourse slope, s	ft/ft	0.0002	
9a. Land Elevation For Upper End Of Flow Path		20.99	
9b. Land Elevation For Lower End Of Flow Path		20.80	
10. Average velocity, V (Figure 3-1)	ft/s	0.25	
11. Tt = L/3600V Compute Tt	hr	0.868	+ = 0.868 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 1.004 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

60.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-42

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0333		
5b. Land Elevation For Lower End Of Flow Path		27.60		
6. Compute Tt [Eq. 3-3]	hr	24.27		
		0.099	+	=
				0.099 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	125.00		
9a. Land Elevation For Upper End Of Flow Path		0.0213		
9b. Land Elevation For Lower End Of Flow Path		24.27		
10. Average velocity, V (Figure 3-1)	ft/s	21.60		
11. Tt = L/3600V Compute Tt	hr	2.36		
		0.015	+	=
				0.015 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.114** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

6.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-43

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	100.00	ft	
4. Two-yr 24-hr rainfall, P2	5.78	in	
5. Calculated Land slope, s	0.0540	ft/ft	
5a. Land Elevation For Upper End Of Flow Path	27.00		
5b. Land Elevation For Lower End Of Flow Path	21.60		
6. Compute Tt [Eq. 3-3]	0.082	hr	= 0.082 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	903.00	ft	
9. Calculated Watercourse slope, s	0.0007	ft/ft	
9a. Land Elevation For Upper End Of Flow Path	21.60		
9b. Land Elevation For Lower End Of Flow Path	21.00		
10. Average velocity, V (Figure 3-1)	0.42	ft/s	
11. Tt = L/3600V Compute Tt	0.604	hr	= 0.604 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	0.00	sf	
13. Wetted perimeter, Pw	0.00	ft	
14. Hydraulic radius, r = a/Pw Compute r	0.000	ft	
15. Channel slope, s	0.000	ft/ft	
16. Manning's roughness coeff., n	0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	0.00	ft/s	
18. Flow length, L	0.00	ft	
19. Tt = L/3600V Compute Tt	0.000	hr	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.686 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

41.1 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-44

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0134		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	21.16		
		0.142	+	=
				0.142 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	855.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		21.16		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.22		
		1.086	+	=
				1.086 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.229** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

73.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-45

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0157		
5b. Land Elevation For Lower End Of Flow Path		22.75		
6. Compute Tt [Eq. 3-3]	hr	21.18		
		0.134	+	=
				0.134 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	867.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		21.18		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.23		
		1.033	+	=
				1.033 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.167** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

70.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-46

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0007		
5b. Land Elevation For Lower End Of Flow Path		22.50		
6. Compute Tt [Eq. 3-3]	hr	22.43		
		0.455	+	=
				0.455 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	97.00		
9a. Land Elevation For Upper End Of Flow Path		0.0008		
9b. Land Elevation For Lower End Of Flow Path		22.43		
10. Average velocity, V (Figure 3-1)	ft/s	22.35		
11. Tt = L/3600V Compute Tt	hr	0.45		
		0.060	+	=
				0.060 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.514** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

30.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-47

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0080		
5b. Land Elevation For Lower End Of Flow Path		22.29		
6. Compute Tt [Eq. 3-3]	hr	21.49		
		0.176	+	=
				0.176 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	161.00		
9a. Land Elevation For Upper End Of Flow Path		0.0031		
9b. Land Elevation For Lower End Of Flow Path		21.49		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.89		
		0.050	+	=
				0.050 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.226** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-48

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0033		
5b. Land Elevation For Lower End Of Flow Path		22.29		
6. Compute Tt [Eq. 3-3]	hr	21.96		
		0.251	+	=
				0.251 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	167.00		
9a. Land Elevation For Upper End Of Flow Path		0.0012		
9b. Land Elevation For Lower End Of Flow Path		21.96		
10. Average velocity, V (Figure 3-1)	ft/s	21.77		
11. Tt = L/3600V Compute Tt	hr	0.55		
		0.084	+	=
				0.084 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.335** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

20.1 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-49

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0052	
5a. Land Elevation For Upper End Of Flow Path		22.12	
5b. Land Elevation For Lower End Of Flow Path		21.60	
6. Compute Tt [Eq. 3-3]	hr	0.208	+ = 0.208 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	209.00	
9. Calculated Watercourse slope, s	ft/ft	0.0012	
9a. Land Elevation For Upper End Of Flow Path		21.60	
9b. Land Elevation For Lower End Of Flow Path		21.35	
10. Average velocity, V (Figure 3-1)	ft/s	0.56	
11. Tt = L/3600V Compute Tt	hr	0.104	+ = 0.104 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.312 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

18.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-50

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0063		
5a. Land Elevation For Upper End Of Flow Path		23.00		
5b. Land Elevation For Lower End Of Flow Path		22.37		
6. Compute Tt [Eq. 3-3]	hr	0.193	+	= 0.193 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	170.00		
9. Calculated Watercourse slope, s	ft/ft	0.0022		
9a. Land Elevation For Upper End Of Flow Path		22.37		
9b. Land Elevation For Lower End Of Flow Path		22.00		
10. Average velocity, V (Figure 3-1)	ft/s	0.75		
11. Tt = L/3600V Compute Tt	hr	0.063	+	= 0.063 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.256 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

15.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-51

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0061	
5a. Land Elevation For Upper End Of Flow Path		21.96	
5b. Land Elevation For Lower End Of Flow Path		21.35	
6. Compute Tt [Eq. 3-3]	hr	0.195	+ = 0.195 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	419.00	
9. Calculated Watercourse slope, s	ft/ft	0.0003	
9a. Land Elevation For Upper End Of Flow Path		21.35	
9b. Land Elevation For Lower End Of Flow Path		21.20	
10. Average velocity, V (Figure 3-1)	ft/s	0.30	
11. Tt = L/3600V Compute Tt	hr	0.386	+ = 0.386 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.581 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

34.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-52

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0163	
5a. Land Elevation For Upper End Of Flow Path		22.00	
5b. Land Elevation For Lower End Of Flow Path		20.37	
6. Compute Tt [Eq. 3-3]	hr	0.132	+ = 0.132 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	439.00	
9. Calculated Watercourse slope, s	ft/ft	0.0008	
9a. Land Elevation For Upper End Of Flow Path		20.37	
9b. Land Elevation For Lower End Of Flow Path		20.00	
10. Average velocity, V (Figure 3-1)	ft/s	0.47	
11. Tt = L/3600V Compute Tt	hr	0.260	+ = 0.260 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.392 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

23.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-53

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0024		
5b. Land Elevation For Lower End Of Flow Path		21.77		
6. Compute Tt [Eq. 3-3]	hr	21.53		
		0.285	+	=
				0.285 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	736.00		
9a. Land Elevation For Upper End Of Flow Path		0.0000		
9b. Land Elevation For Lower End Of Flow Path		21.53		
10. Average velocity, V (Figure 3-1)	ft/s	21.50		
11. Tt = L/3600V Compute Tt	hr	0.11		
		1.913	+	=
				1.913 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **2.198** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

131.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-54

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0095		
5b. Land Elevation For Lower End Of Flow Path		21.96		
6. Compute Tt [Eq. 3-3]	hr	21.01		
		0.163	+	=
				0.163 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	311.00		
9a. Land Elevation For Upper End Of Flow Path		0.0010		
9b. Land Elevation For Lower End Of Flow Path		21.01		
10. Average velocity, V (Figure 3-1)	ft/s	20.70		
11. Tt = L/3600V Compute Tt	hr	0.51		
		0.171	+	=
				0.171 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.334** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

20.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-55

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0064		
5b. Land Elevation For Lower End Of Flow Path		21.96		
6. Compute Tt [Eq. 3-3]	hr	21.32		
		0.191	+	=
				0.191 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	203.00		
9a. Land Elevation For Upper End Of Flow Path		0.0016		
9b. Land Elevation For Lower End Of Flow Path		21.32		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.64		
		0.088	+	=
				0.088 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.280** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-56

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0075		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.25		
		0.180	+	=
				0.180 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	296.00		
9a. Land Elevation For Upper End Of Flow Path		0.0009		
9b. Land Elevation For Lower End Of Flow Path		22.25		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.47		
		0.174	+	=
				0.174 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.355** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

21.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-57

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0033		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	22.38		
		0.249	+	=
				0.249 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	88.00		
9a. Land Elevation For Upper End Of Flow Path		0.0043		
9b. Land Elevation For Lower End Of Flow Path		22.38		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	1.06		
		0.023	+	=
				0.023 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.272** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-58

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0124		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	21.47		
		0.147	+	=
				0.147 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	265.00		
9a. Land Elevation For Upper End Of Flow Path		0.0018		
9b. Land Elevation For Lower End Of Flow Path		21.47		
10. Average velocity, V (Figure 3-1)	ft/s	21.00		
11. Tt = L/3600V Compute Tt	hr	0.68		
		0.109	+	=
				0.109 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.256** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

15.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-59

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0047		
5a. Land Elevation For Upper End Of Flow Path		22.71		
5b. Land Elevation For Lower End Of Flow Path		22.24		
6. Compute Tt [Eq. 3-3]	hr	0.217	+	= 0.217 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	194.00		
9. Calculated Watercourse slope, s	ft/ft	0.0012		
9a. Land Elevation For Upper End Of Flow Path		22.24		
9b. Land Elevation For Lower End Of Flow Path		22.00		
10. Average velocity, V (Figure 3-1)	ft/s	0.57		
11. Tt = L/3600V Compute Tt	hr	0.095	+	= 0.095 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.312 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

18.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-60

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0487		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	17.84		
		0.085	+	=
				0.085 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	429.00		
9a. Land Elevation For Upper End Of Flow Path		0.0026		
9b. Land Elevation For Lower End Of Flow Path		17.84		
10. Average velocity, V (Figure 3-1)	ft/s	16.71		
11. Tt = L/3600V Compute Tt	hr	0.83		
		0.144	+	=
				0.144 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.229** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-61

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0170		
5b. Land Elevation For Lower End Of Flow Path		22.00		
6. Compute Tt [Eq. 3-3]	hr	20.30		
		0.130	+	=
				0.130 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	567.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		20.30		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.37		
		0.424	+	=
				0.424 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.554** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

33.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-62

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	100.00	ft	
4. Two-yr 24-hr rainfall, P2	5.78	in	
5. Calculated Land slope, s	0.0032	ft/ft	
5a. Land Elevation For Upper End Of Flow Path	22.12		
5b. Land Elevation For Lower End Of Flow Path	21.80		
6. Compute Tt [Eq. 3-3]	0.254	hr	= 0.254 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	583.00	ft	
9. Calculated Watercourse slope, s	0.0001	ft/ft	
9a. Land Elevation For Upper End Of Flow Path	21.80		
9b. Land Elevation For Lower End Of Flow Path	21.75		
10. Average velocity, V (Figure 3-1)	0.16	ft/s	
11. Tt = L/3600V Compute Tt	1.041	hr	= 1.041 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	0.00	sf	
13. Wetted perimeter, Pw	0.00	ft	
14. Hydraulic radius, r = a/Pw Compute r	0.000	ft	
15. Channel slope, s	0.000	ft/ft	
16. Manning's roughness coeff., n	0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	0.00	ft/s	
18. Flow length, L	0.00	ft	
19. Tt = L/3600V Compute Tt	0.000	hr	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 1.295 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

77.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-64

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0062		
5b. Land Elevation For Lower End Of Flow Path		22.29		
6. Compute Tt [Eq. 3-3]	hr	21.67		
		0.194	+	=
				0.194 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	370.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		21.67		
10. Average velocity, V (Figure 3-1)	ft/s	21.50		
11. Tt = L/3600V Compute Tt	hr	0.34		
		0.299	+	=
				0.299 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.493** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

29.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-65

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0045		
5a. Land Elevation For Upper End Of Flow Path		22.48		
5b. Land Elevation For Lower End Of Flow Path		22.03		
6. Compute Tt [Eq. 3-3]	hr	0.221	+	= 0.221 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	85.00		
9. Calculated Watercourse slope, s	ft/ft	0.0062		
9a. Land Elevation For Upper End Of Flow Path		22.03		
9b. Land Elevation For Lower End Of Flow Path		21.50		
10. Average velocity, V (Figure 3-1)	ft/s	1.27		
11. Tt = L/3600V Compute Tt	hr	0.019	+	= 0.019 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.239 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-66

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0023		
5b. Land Elevation For Lower End Of Flow Path		21.77		
6. Compute Tt [Eq. 3-3]	hr	21.54		
		0.290	+	=
				0.290 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	523.00		
9a. Land Elevation For Upper End Of Flow Path		0.0001		
9b. Land Elevation For Lower End Of Flow Path		21.54		
10. Average velocity, V (Figure 3-1)	ft/s	21.50		
11. Tt = L/3600V Compute Tt	hr	0.15		
		0.989	+	=
				0.989 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.279** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

76.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-67

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0040		
5b. Land Elevation For Lower End Of Flow Path		22.48		
6. Compute Tt [Eq. 3-3]	hr	22.08		
		0.232	+	=
				0.232 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	470.00		
9a. Land Elevation For Upper End Of Flow Path		0.0002		
9b. Land Elevation For Lower End Of Flow Path		22.08		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.22		
		0.605	+	=
				0.605 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.837** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

50.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-68

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0050		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	22.21		
		0.212	+	=
				0.212 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	234.00		
9a. Land Elevation For Upper End Of Flow Path		0.0009		
9b. Land Elevation For Lower End Of Flow Path		22.21		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.49		
		0.134	+	=
				0.134 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.346 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

20.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-69

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0029		
5a. Land Elevation For Upper End Of Flow Path		22.48		
5b. Land Elevation For Lower End Of Flow Path		22.19		
6. Compute Tt [Eq. 3-3]	hr	0.263	+	= 0.263 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	154.00		
9. Calculated Watercourse slope, s	ft/ft	0.0012		
9a. Land Elevation For Upper End Of Flow Path		22.19		
9b. Land Elevation For Lower End Of Flow Path		22.00		
10. Average velocity, V (Figure 3-1)	ft/s	0.57		
11. Tt = L/3600V Compute Tt	hr	0.076	+	= 0.076 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.338 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

20.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-70

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0015		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	22.56		
		0.345	+	=
				0.345 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	236.00		
9a. Land Elevation For Upper End Of Flow Path		0.0003		
9b. Land Elevation For Lower End Of Flow Path		22.56		
10. Average velocity, V (Figure 3-1)	ft/s	22.50		
11. Tt = L/3600V Compute Tt	hr	0.26		
		0.250	+	=
				0.250 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.594** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

35.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-71

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0028	
5a. Land Elevation For Upper End Of Flow Path		22.71	
5b. Land Elevation For Lower End Of Flow Path		22.43	
6. Compute Tt [Eq. 3-3]	hr	0.267	+ = 0.267 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	211.00	
9. Calculated Watercourse slope, s	ft/ft	0.0006	
9a. Land Elevation For Upper End Of Flow Path		22.43	
9b. Land Elevation For Lower End Of Flow Path		22.30	
10. Average velocity, V (Figure 3-1)	ft/s	0.40	
11. Tt = L/3600V Compute Tt	hr	0.145	+ = 0.145 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.413 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

24.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-72

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0037		
5b. Land Elevation For Lower End Of Flow Path		22.71		
6. Compute Tt [Eq. 3-3]	hr	22.34		
		0.238	+	=
				0.238 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	111.00		
9a. Land Elevation For Upper End Of Flow Path		0.0030		
9b. Land Elevation For Lower End Of Flow Path		22.34		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.89		
		0.035	+	=
				0.035 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.272** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-73

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0019		
5b. Land Elevation For Lower End Of Flow Path		21.10		
6. Compute Tt [Eq. 3-3]	hr	20.91		
		0.309	+	=
				0.309 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	181.00		
9a. Land Elevation For Upper End Of Flow Path		0.0006		
9b. Land Elevation For Lower End Of Flow Path		20.91		
10. Average velocity, V (Figure 3-1)	ft/s	20.80		
11. Tt = L/3600V Compute Tt	hr	0.39		
		0.128	+	=
				0.128 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.438** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

26.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-74

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0004	
5a. Land Elevation For Upper End Of Flow Path		21.70	
5b. Land Elevation For Lower End Of Flow Path		21.66	
6. Compute Tt [Eq. 3-3]	hr	0.589	+ = 0.589 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	24.00	
9. Calculated Watercourse slope, s	ft/ft	0.0067	
9a. Land Elevation For Upper End Of Flow Path		21.66	
9b. Land Elevation For Lower End Of Flow Path		21.50	
10. Average velocity, V (Figure 3-1)	ft/s	1.32	
11. Tt = L/3600V Compute Tt	hr	0.005	+ = 0.005 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.594 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

35.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-75

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0056		
5a. Land Elevation For Upper End Of Flow Path		22.30		
5b. Land Elevation For Lower End Of Flow Path		21.74		
6. Compute Tt [Eq. 3-3]	hr	0.202	+	= 0.202 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	234.00		
9. Calculated Watercourse slope, s	ft/ft	0.0010		
9a. Land Elevation For Upper End Of Flow Path		21.74		
9b. Land Elevation For Lower End Of Flow Path		21.50		
10. Average velocity, V (Figure 3-1)	ft/s	0.52		
11. Tt = L/3600V Compute Tt	hr	0.126	+	= 0.126 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.328 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

19.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-76

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0126	
5a. Land Elevation For Upper End Of Flow Path		23.00	
5b. Land Elevation For Lower End Of Flow Path		21.74	
6. Compute Tt [Eq. 3-3]	hr	0.146	+ = 0.146 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	536.00	
9. Calculated Watercourse slope, s	ft/ft	0.0004	
9a. Land Elevation For Upper End Of Flow Path		21.74	
9b. Land Elevation For Lower End Of Flow Path		21.50	
10. Average velocity, V (Figure 3-1)	ft/s	0.34	
11. Tt = L/3600V Compute Tt	hr	0.440	+ = 0.440 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.586 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

35.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-77

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0205		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	21.95		
		0.120	+	=
				0.120 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	459.00		
9a. Land Elevation For Upper End Of Flow Path		0.0010		
9b. Land Elevation For Lower End Of Flow Path		21.95		
10. Average velocity, V (Figure 3-1)	ft/s	21.50		
11. Tt = L/3600V Compute Tt	hr	0.50		
		0.253	+	=
				0.253 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.373** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

22.4 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-78

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0382		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	20.18		
		0.094	+	=
				0.094 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	175.00		
9a. Land Elevation For Upper End Of Flow Path		0.0125		
9b. Land Elevation For Lower End Of Flow Path		20.18		
10. Average velocity, V (Figure 3-1)	ft/s	18.00		
11. Tt = L/3600V Compute Tt	hr	1.80		
		0.027	+	=
				0.027 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.121** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

7.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-79

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0402		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	19.98		
		0.092	+	=
				0.092 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	203.00		
9a. Land Elevation For Upper End Of Flow Path		0.0098		
9b. Land Elevation For Lower End Of Flow Path		19.98		
10. Average velocity, V (Figure 3-1)	ft/s	18.00		
11. Tt = L/3600V Compute Tt	hr	1.59		
		0.035	+	=
				0.035 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.127** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

7.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-80

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0365	
5a. Land Elevation For Upper End Of Flow Path		24.00	
5b. Land Elevation For Lower End Of Flow Path		20.35	
6. Compute Tt [Eq. 3-3]	hr	0.096	+ = 0.096 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	155.00	
9. Calculated Watercourse slope, s	ft/ft	0.0152	
9a. Land Elevation For Upper End Of Flow Path		20.35	
9b. Land Elevation For Lower End Of Flow Path		18.00	
10. Average velocity, V (Figure 3-1)	ft/s	1.99	
11. Tt = L/3600V Compute Tt	hr	0.022	+ = 0.022 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.117 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

7.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-81

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0165	
5a. Land Elevation For Upper End Of Flow Path		24.00	
5b. Land Elevation For Lower End Of Flow Path		22.35	
6. Compute Tt [Eq. 3-3]	hr	0.131	+ = 0.131 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	469.00	
9. Calculated Watercourse slope, s	ft/ft	0.0007	
9a. Land Elevation For Upper End Of Flow Path		22.35	
9b. Land Elevation For Lower End Of Flow Path		22.00	
10. Average velocity, V (Figure 3-1)	ft/s	0.44	
11. Tt = L/3600V Compute Tt	hr	0.295	+ = 0.295 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.426 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

25.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-82

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0438	
5a. Land Elevation For Upper End Of Flow Path		24.00	
5b. Land Elevation For Lower End Of Flow Path		19.62	
6. Compute Tt [Eq. 3-3]	hr	0.089	+ = 0.089 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	271.00	
9. Calculated Watercourse slope, s	ft/ft	0.0060	
9a. Land Elevation For Upper End Of Flow Path		19.62	
9b. Land Elevation For Lower End Of Flow Path		18.00	
10. Average velocity, V (Figure 3-1)	ft/s	1.25	
11. Tt = L/3600V Compute Tt	hr	0.060	+ = 0.060 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.149 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

9.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-83

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0436		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	19.64		
		0.089	+	=
				0.089 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	266.00		
9a. Land Elevation For Upper End Of Flow Path		0.0062		
9b. Land Elevation For Lower End Of Flow Path		19.64		
10. Average velocity, V (Figure 3-1)	ft/s	18.00		
11. Tt = L/3600V Compute Tt	hr	1.27		
		0.058	+	=
				0.058 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.147** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

8.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-84

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0060		
5b. Land Elevation For Lower End Of Flow Path		22.70		
6. Compute Tt [Eq. 3-3]	hr	22.10		
		0.196	+	=
				0.196 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	635.00		
9a. Land Elevation For Upper End Of Flow Path		0.0001		
9b. Land Elevation For Lower End Of Flow Path		22.10		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.20		
		0.893	+	=
				0.893 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **1.089** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

65.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-85

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0060		
5b. Land Elevation For Lower End Of Flow Path		22.00		
6. Compute Tt [Eq. 3-3]	hr	21.40		
		0.196	+	=
				0.196 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	306.00		
9a. Land Elevation For Upper End Of Flow Path		0.0006		
9b. Land Elevation For Lower End Of Flow Path		21.40		
10. Average velocity, V (Figure 3-1)	ft/s	21.20		
11. Tt = L/3600V Compute Tt	hr	0.41		
		0.208	+	=
				0.208 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.404** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

24.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-86

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0041		
5b. Land Elevation For Lower End Of Flow Path		22.70		
6. Compute Tt [Eq. 3-3]	hr	22.29		
		0.229	+	=
				0.229 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	142.00		
9a. Land Elevation For Upper End Of Flow Path		0.0020		
9b. Land Elevation For Lower End Of Flow Path		22.29		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.73		
		0.054	+	=
				0.054 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.283** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-87

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	100.00	ft	
4. Two-yr 24-hr rainfall, P2	5.78	in	
5. Calculated Land slope, s	0.0030	ft/ft	
5a. Land Elevation For Upper End Of Flow Path	22.10		
5b. Land Elevation For Lower End Of Flow Path	21.80		
6. Compute Tt [Eq. 3-3]	0.259	hr	= 0.259 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	101.00	ft	
9. Calculated Watercourse slope, s	0.0030	ft/ft	
9a. Land Elevation For Upper End Of Flow Path	21.80		
9b. Land Elevation For Lower End Of Flow Path	21.50		
10. Average velocity, V (Figure 3-1)	0.88	ft/s	
11. Tt = L/3600V Compute Tt	0.032	hr	= 0.032 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	0.00	sf	
13. Wetted perimeter, Pw	0.00	ft	
14. Hydraulic radius, r = a/Pw Compute r	0.000	ft	
15. Channel slope, s	0.000	ft/ft	
16. Manning's roughness coeff., n	0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	0.000	ft/s	
18. Flow length, L	0.00	ft	
19. Tt = L/3600V Compute Tt	0.000	hr	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.291 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-88

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0066		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.34		
		0.189	+	=
				0.189 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	198.00		
9a. Land Elevation For Upper End Of Flow Path		0.0017		
9b. Land Elevation For Lower End Of Flow Path		22.34		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.66		
		0.083	+	=
				0.083 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.272** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-89

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0469		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	18.31		
		0.086	+	=
				0.086 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	357.00		
9a. Land Elevation For Upper End Of Flow Path		0.0037		
9b. Land Elevation For Lower End Of Flow Path		18.31		
10. Average velocity, V (Figure 3-1)	ft/s	17.00		
11. Tt = L/3600V Compute Tt	hr	0.98		
		0.101	+	=
				0.101 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.188** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

11.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-90

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0087	
5a. Land Elevation For Upper End Of Flow Path		23.00	
5b. Land Elevation For Lower End Of Flow Path		22.13	
6. Compute Tt [Eq. 3-3]	hr	0.170	+ = 0.170 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	138.00	
9. Calculated Watercourse slope, s	ft/ft	0.0046	
9a. Land Elevation For Upper End Of Flow Path		22.13	
9b. Land Elevation For Lower End Of Flow Path		21.50	
10. Average velocity, V (Figure 3-1)	ft/s	1.09	
11. Tt = L/3600V Compute Tt	hr	0.035	+ = 0.035 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.205 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-91

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0059		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.41		
		0.198	+	=
				0.198 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	143.00		
9a. Land Elevation For Upper End Of Flow Path		0.0029		
9b. Land Elevation For Lower End Of Flow Path		22.41		
10. Average velocity, V (Figure 3-1)	ft/s	22.00		
11. Tt = L/3600V Compute Tt	hr	0.87		
		0.046	+	=
				0.046 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.244** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-92

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0102		
5a. Land Elevation For Upper End Of Flow Path		22.40		
5b. Land Elevation For Lower End Of Flow Path		21.38		
6. Compute Tt [Eq. 3-3]	hr	0.159	+	= 0.159 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	267.00		
9. Calculated Watercourse slope, s	ft/ft	0.0014		
9a. Land Elevation For Upper End Of Flow Path		21.38		
9b. Land Elevation For Lower End Of Flow Path		21.00		
10. Average velocity, V (Figure 3-1)	ft/s	0.61		
11. Tt = L/3600V Compute Tt	hr	0.122	+	= 0.122 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.281 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-93

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0023		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.77		
		0.287	+	=
				0.287 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	24.00		
9a. Land Elevation For Upper End Of Flow Path		0.0403		
9b. Land Elevation For Lower End Of Flow Path		22.77		
10. Average velocity, V (Figure 3-1)	ft/s	21.80		
11. Tt = L/3600V Compute Tt	hr	3.24		
		0.002	+	=
				0.002 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.290** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.4 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-94

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0064		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	22.36		
		0.192	+	=
				0.192 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	114.00		
9a. Land Elevation For Upper End Of Flow Path		0.0049		
9b. Land Elevation For Lower End Of Flow Path		22.36		
10. Average velocity, V (Figure 3-1)	ft/s	21.80		
11. Tt = L/3600V Compute Tt	hr	1.13		
		0.028	+	=
				0.028 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.220** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-95

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0102		
5b. Land Elevation For Lower End Of Flow Path		21.30		
6. Compute Tt [Eq. 3-3]	hr	20.28		
		0.159	+	=
				0.159 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	359.00		
9a. Land Elevation For Upper End Of Flow Path		0.0008		
9b. Land Elevation For Lower End Of Flow Path		20.28		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.45		
		0.220	+	=
				0.220 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.379** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

22.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-96

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0101		
5b. Land Elevation For Lower End Of Flow Path		22.00		
6. Compute Tt [Eq. 3-3]	hr	20.99		
		0.160	+	=
				0.160 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	102.00		
9a. Land Elevation For Upper End Of Flow Path		0.0097		
9b. Land Elevation For Lower End Of Flow Path		20.99		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	1.59		
		0.018	+	=
				0.018 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.178** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

10.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-97

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB		
1. Surface description (Table 3-1)	Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)	0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00	
4. Two-yr 24-hr rainfall, P2	in	5.78	
5. Calculated Land slope, s	ft/ft	0.0112	
5a. Land Elevation For Upper End Of Flow Path		22.00	
5b. Land Elevation For Lower End Of Flow Path		20.88	
6. Compute Tt [Eq. 3-3]	hr	0.153	+ = 0.153 hours

Shallow concentrated flow

Segment ID	BC		
7. Surface description (Paved or Unpaved)	Unpaved		
8. Flow length, L	ft	296.00	
9. Calculated Watercourse slope, s	ft/ft	0.0013	
9a. Land Elevation For Upper End Of Flow Path		20.88	
9b. Land Elevation For Lower End Of Flow Path		20.50	
10. Average velocity, V (Figure 3-1)	ft/s	0.58	
11. Tt = L/3600V Compute Tt	hr	0.142	+ = 0.142 hours

Channel Flow

Segment ID	CD		
12. Cross sectional flow area, a	sf	0.00	
13. Wetted perimeter, Pw	ft	0.00	
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000	
15. Channel slope, s	ft/ft	0.000	
16. Manning's roughness coeff., n		0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000	
18. Flow length, L	ft	0.00	
19. Tt = L/3600V Compute Tt	hr	0.000	+ = 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.296 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-98

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0110		
5b. Land Elevation For Lower End Of Flow Path		21.30		
6. Compute Tt [Eq. 3-3]	hr	20.20		
		0.154	+	=
				0.154 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	545.00		
9a. Land Elevation For Upper End Of Flow Path		0.0004		
9b. Land Elevation For Lower End Of Flow Path		20.20		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.31		
		0.488	+	=
				0.488 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.642** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

38.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-99

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0065		
5b. Land Elevation For Lower End Of Flow Path		20.50		
6. Compute Tt [Eq. 3-3]	hr	19.85		
		0.191	+	=
				0.191 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	184.00		
9a. Land Elevation For Upper End Of Flow Path		0.0019		
9b. Land Elevation For Lower End Of Flow Path		19.85		
10. Average velocity, V (Figure 3-1)	ft/s	19.50		
11. Tt = L/3600V Compute Tt	hr	0.71		
		0.072	+	=
				0.072 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.263 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

15.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-100

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0101		
5b. Land Elevation For Lower End Of Flow Path		21.50		
6. Compute Tt [Eq. 3-3]	hr	20.49		
		0.160	+	=
				0.160 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	205.00		
9a. Land Elevation For Upper End Of Flow Path		0.0024		
9b. Land Elevation For Lower End Of Flow Path		20.49		
10. Average velocity, V (Figure 3-1)	ft/s	20.00		
11. Tt = L/3600V Compute Tt	hr	0.79		
		0.072	+	=
				0.072 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.232** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

13.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-101

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)		0.15		
4. Two-yr 24-hr rainfall, P2	ft	100.00		
5. Calculated Land slope, s	in	5.78		
5a. Land Elevation For Upper End Of Flow Path	ft/ft	0.0328		
5b. Land Elevation For Lower End Of Flow Path		21.70		
6. Compute Tt [Eq. 3-3]	hr	18.42		
		0.100	+	=
				0.100 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L		Unpaved		
9. Calculated Watercourse slope, s	ft	789.00		
9a. Land Elevation For Upper End Of Flow Path	ft/ft	0.0005		
9b. Land Elevation For Lower End Of Flow Path		18.42		
10. Average velocity, V (Figure 3-1)	ft/s	18.00		
11. Tt = L/3600V Compute Tt	hr	0.37		
		0.591	+	=
				0.591 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft	0.000		
16. Manning's roughness coeff., n	ft/ft	0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V		0.000		
18. Flow length, L	ft/s	0.000		
19. Tt = L/3600V Compute Tt	ft	0.00		
	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.691** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

41.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-102

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0051		
5b. Land Elevation For Lower End Of Flow Path		21.30		
6. Compute Tt [Eq. 3-3]	hr	20.79		
		0.209	+	=
				0.209 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	216.00		
9a. Land Elevation For Upper End Of Flow Path		0.0011		
9b. Land Elevation For Lower End Of Flow Path		20.79		
10. Average velocity, V (Figure 3-1)	ft/s	20.55		
11. Tt = L/3600V Compute Tt	hr	0.53		
		0.112	+	=
				0.112 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.322** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

19.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-103

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0164		
5b. Land Elevation For Lower End Of Flow Path		21.10		
6. Compute Tt [Eq. 3-3]	hr	19.46		
		0.132	+	=
				0.132 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	352.00		
9a. Land Elevation For Upper End Of Flow Path		0.0013		
9b. Land Elevation For Lower End Of Flow Path		19.46		
10. Average velocity, V (Figure 3-1)	ft/s	19.00		
11. Tt = L/3600V Compute Tt	hr	0.59		
		0.167	+	=
				0.167 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.298** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.9 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-104

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0318		
5b. Land Elevation For Lower End Of Flow Path		23.00		
6. Compute Tt [Eq. 3-3]	hr	19.82		
		0.101	+	=
				0.101 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	387.00		
9a. Land Elevation For Upper End Of Flow Path		0.0021		
9b. Land Elevation For Lower End Of Flow Path		19.82		
10. Average velocity, V (Figure 3-1)	ft/s	19.00		
11. Tt = L/3600V Compute Tt	hr	0.74		
		0.145	+	=
				0.145 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.246** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-105

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0239		
5b. Land Elevation For Lower End Of Flow Path		22.10		
6. Compute Tt [Eq. 3-3]	hr	19.71		
		0.113	+	= 0.113 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	338.00		
9a. Land Elevation For Upper End Of Flow Path		0.0021		
9b. Land Elevation For Lower End Of Flow Path		19.71		
10. Average velocity, V (Figure 3-1)	ft/s	19.00		
11. Tt = L/3600V Compute Tt	hr	0.74		
		0.127	+	= 0.127 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.240 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.4 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-106

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

Segment ID	AB	
1. Surface description (Table 3-1)	Smooth Surface	
2. Mannings roughness coeff., n (Table 3-1)	0.15	
3. Flow length, L (total L < 100 ft.)	100.00	ft
4. Two-yr 24-hr rainfall, P2	5.78	in
5. Calculated Land slope, s	0.0154	ft/ft
5a. Land Elevation For Upper End Of Flow Path	21.70	
5b. Land Elevation For Lower End Of Flow Path	20.16	
6. Compute Tt [Eq. 3-3]	0.135	hr
	+	
	=	0.135 hours

Shallow concentrated flow

Segment ID	BC	
7. Surface description (Paved or Unpaved)	Unpaved	
8. Flow length, L	232.00	ft
9. Calculated Watercourse slope, s	0.0029	ft/ft
9a. Land Elevation For Upper End Of Flow Path	20.16	
9b. Land Elevation For Lower End Of Flow Path	19.50	
10. Average velocity, V (Figure 3-1)	0.86	ft/s
11. Tt = L/3600V Compute Tt	0.075	hr
	+	
	=	0.075 hours

Channel Flow

Segment ID	CD	
12. Cross sectional flow area, a	0.00	sf
13. Wetted perimeter, Pw	0.00	ft
14. Hydraulic radius, r = a/Pw Compute r	0.000	ft
15. Channel slope, s	0.000	ft/ft
16. Manning's roughness coeff., n	0.000	
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	0.000	ft/s
18. Flow length, L	0.00	ft
19. Tt = L/3600V Compute Tt	0.000	hr
	+	
	=	0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.210** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.6 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-107

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0119		
5b. Land Elevation For Lower End Of Flow Path		21.80		
6. Compute Tt [Eq. 3-3]	hr	20.61		
		0.150	+	=
				0.150 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	381.00		
9a. Land Elevation For Upper End Of Flow Path		0.0008		
9b. Land Elevation For Lower End Of Flow Path		20.61		
10. Average velocity, V (Figure 3-1)	ft/s	20.30		
11. Tt = L/3600V Compute Tt	hr	0.46		
		0.229	+	=
				0.229 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.379** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

22.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-108

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0080		
5b. Land Elevation For Lower End Of Flow Path		22.00		
6. Compute Tt [Eq. 3-3]	hr	21.20		
		0.175	+	=
				0.175 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	232.00		
9a. Land Elevation For Upper End Of Flow Path		0.0015		
9b. Land Elevation For Lower End Of Flow Path		21.20		
10. Average velocity, V (Figure 3-1)	ft/s	20.85		
11. Tt = L/3600V Compute Tt	hr	0.62		
		0.103	+	=
				0.103 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.278** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

16.7 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
Location : MARTIN COUNTY

Check One : Present Developed **B-109**

Check One : Tc Tt through subarea

1. Surface description (Table 3-1)		Smooth Surface		
2. Mannings roughness coeff., n (Table 3-1)		0.15		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0410		
5a. Land Elevation For Upper End Of Flow Path		27.20		
5b. Land Elevation For Lower End Of Flow Path		23.10		
6. Compute Tt [Eq. 3-3]	hr	0.091	+	= 0.091 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	216.00		
9. Calculated Watercourse slope, s	ft/ft	0.0088		
9a. Land Elevation For Upper End Of Flow Path		23.10		
9b. Land Elevation For Lower End Of Flow Path		21.20		
10. Average velocity, V (Figure 3-1)	ft/s	1.51		
11. Tt = L/3600V Compute Tt	hr	0.040	+	= 0.040 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.000		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.131 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

7.8 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-110

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0126		
5b. Land Elevation For Lower End Of Flow Path		22.00		
6. Compute Tt [Eq. 3-3]	hr	20.74		
		0.146	+	=
				0.146 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	526.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		20.74		
10. Average velocity, V (Figure 3-1)	ft/s	20.50		
11. Tt = L/3600V Compute Tt	hr	0.34		
		0.424	+	=
				0.424 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.570** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

34.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-111

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	100.00		
4. Two-yr 24-hr rainfall, P2	in	5.78		
5. Calculated Land slope, s	ft/ft	0.0296		
5a. Land Elevation For Upper End Of Flow Path		23.00		
5b. Land Elevation For Lower End Of Flow Path		20.04		
6. Compute Tt [Eq. 3-3]	hr	0.104	+	= 0.104 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	548.00		
9. Calculated Watercourse slope, s	ft/ft	0.0010		
9a. Land Elevation For Upper End Of Flow Path		20.04		
9b. Land Elevation For Lower End Of Flow Path		19.50		
10. Average velocity, V (Figure 3-1)	ft/s	0.51		
11. Tt = L/3600V Compute Tt	hr	0.301	+	= 0.301 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.00		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.404 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

24.3 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-112

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0051		
5b. Land Elevation For Lower End Of Flow Path		21.30		
6. Compute Tt [Eq. 3-3]	hr	20.79		
		0.209	+	=
				0.209 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	106.00		
9a. Land Elevation For Upper End Of Flow Path		0.0046		
9b. Land Elevation For Lower End Of Flow Path		20.79		
10. Average velocity, V (Figure 3-1)	ft/s	20.30		
11. Tt = L/3600V Compute Tt	hr	1.09		
		0.027	+	=
				0.027 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	0.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	0.00		
15. Channel slope, s	ft/ft	0.000		
16. Manning's roughness coeff., n		0.000		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.000		
18. Flow length, L	ft	0.00		
19. Tt = L/3600V Compute Tt	hr	0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **0.236** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

14.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
 Location : MARTIN COUNTY

Check One : Present Developed B-115

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0549		
5b. Land Elevation For Lower End Of Flow Path		24.00		
6. Compute Tt [Eq. 3-3]	hr	18.51		
		0.081	+	=
				0.081 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	1070.00		
9a. Land Elevation For Upper End Of Flow Path		0.0005		
9b. Land Elevation For Lower End Of Flow Path		18.51		
10. Average velocity, V (Figure 3-1)	ft/s	18.00		
11. Tt = L/3600V Compute Tt	hr	0.35		
		0.841	+	=
				0.841 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	150.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	50.00		
15. Channel slope, s	ft/ft	3.000		
16. Manning's roughness coeff., n		3.100		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.130		
18. Flow length, L	ft	3.100		
19. Tt = L/3600V Compute Tt	hr	16260.00		
		1.457	+	=
				1.457 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) **2.379** hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

142.8 minutes

The Ranch PUD

Appendix 2

Post-Development Stage, Storage, Time of Concentration,
and Treatment Volume Calculations

BASIN TABLES					
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	2/8/2024
BASIN NAME:	POD A1	BASIN ANALYSIS:	POST-DEVELOPM	KIMLEY-HORN AND ASSOCIATES, INC	

LAND USE TABLE											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	TOTAL
CN*	100	98	100	80	80	98	80	100	80	100	-
AREA (AC)	23.58	35.39	217.11	1113.29	87.71	0.00	5.92	83.46	12.01	8.01	1586.48
PRODUCT	2358.00	3468.22	21711.00	89063.20	7016.80	0.00	473.60	8346.00	960.80	801.00	134198.62
COMPOSITE CN											85

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		35.39	217.11	1113.29	87.71	0.00	5.92	83.46	12.01	8.01	
AVG LOW ELEV.		24.00	21.37	23.87	22.37	22.37	21.37	21.37	21.37	21.37	
AVG HIGH ELEV.		24.00	21.37	29.94	23.70	22.37	23.70	21.37	23.87	21.37	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
21.22	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.72	108.45	0.000	75.988	0.000	0.000	0.000	0.156	29.211	0.294	2.803	
22.22	264.95	0.000	184.544	0.000	0.000	0.000	0.918	70.941	1.735	6.808	
22.72	427.32	0.000	293.099	0.000	4.039	0.000	2.315	112.671	4.378	10.814	
23.22	607.27	0.000	401.654	0.000	23.823	0.000	4.348	154.401	8.221	14.819	
23.70	797.26	0.000	505.866	0.000	58.327	0.000	6.897	194.462	13.040	18.663	291.39
24.22	1031.60	7.786	618.764	11.234	103.936	0.000	9.975	237.861	19.216	22.829	
24.72	1311.43	25.481	727.319	66.256	147.791	0.000	12.935	279.591	25.221	26.834	
25.22	1637.11	43.176	835.874	167.131	191.646	0.000	15.895	321.321	31.226	30.839	
25.72	2008.64	60.871	944.429	313.858	235.501	0.000	18.855	363.051	37.231	34.844	
26.22	2426.02	78.566	1052.984	506.437	279.356	0.000	21.815	404.781	43.236	38.849	
26.72	2889.26	96.261	1161.539	744.868	323.211	0.000	24.775	446.511	49.241	42.854	
27.22	3398.35	113.956	1270.094	1029.151	367.066	0.000	27.735	488.241	55.246	46.859	
27.72	3953.29	131.651	1378.649	1359.287	410.921	0.000	30.695	529.971	61.251	50.864	
28.22	4554.08	149.346	1487.204	1735.274	454.776	0.000	33.655	571.701	67.256	54.869	
28.72	5200.73	167.041	1595.759	2157.114	498.631	0.000	36.615	613.431	73.261	58.874	

PROVIDED
TREATMENT
VOLUME**

* CURVE NUMBER DETERMINED FROM TABLE 2-2C TR55. ** TREATMENT VOLUME ADDS HIGHLIGHTED BOXES.

BASIN TABLE											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	2/8/2024						
BASIN NAME:	POD A2	BASIN ANALYSIS:	POST-DEVELOPM							KIMLEY-HORN AND ASSOCIATES, INC	

LAND USE TABLE											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	TOTAL
CN*	100	98	100	80	80	98	80	100	80	100	-
AREA (AC)	10.60	81.10	12.52	300.77	5.14	0.00	0.00	0.00	5.68	3.79	419.60
PRODUCT	1060.00	7947.80	1252.00	24061.60	411.20	0.00	0.00	0.00	454.40	379.00	35566.00
COMPOSITE CN											85

STAGE STORAGE TABLE										
USE		PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.
STORAGE TYPE		L	V	L	L	V	L	V	L	V
AREA (AC)		81.10	12.52	300.77	5.14	0.00	0.00	0.00	5.68	3.79
AVG LOW ELEV.		24.00	21.14	23.64	22.14	22.14	21.20	21.14	21.14	21.14
AVG HIGH ELEV.		24.00	21.14	25.18	23.64	22.14	23.70	21.14	22.64	21.14
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT
21.13	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.63	8.45	0.000	6.135	0.000	0.000	0.000	0.000	0.000	0.455	1.857
22.13	18.00	0.000	12.395	0.000	0.000	0.000	0.000	0.000	1.856	3.752
22.63	28.92	0.000	18.655	0.000	0.411	0.000	0.000	0.000	4.203	5.647
23.13	41.18	0.000	24.915	0.000	1.679	0.000	0.000	0.000	7.043	7.542
23.63	54.30	0.000	31.175	0.000	3.804	0.000	0.000	0.000	9.883	9.437
23.64	54.57	0.000	31.300	0.000	3.855	0.000	0.000	0.000	9.940	9.475
23.70	56.55	0.000	32.051	0.352	4.163	0.000	0.000	0.000	10.281	9.702
24.13	101.85	10.543	37.435	23.446	6.374	0.000	0.000	0.000	12.723	11.332
24.63	228.23	51.093	43.695	95.709	8.944	0.000	0.000	0.000	15.563	13.227
25.13	403.44	91.643	49.955	216.799	11.514	0.000	0.000	0.000	18.403	15.122
25.63	607.69	132.193	56.215	366.939	14.084	0.000	0.000	0.000	21.243	17.017
26.13	812.19	172.743	62.475	517.324	16.654	0.000	0.000	0.000	24.083	18.912
26.63	1016.69	213.293	68.735	667.709	19.224	0.000	0.000	0.000	26.923	20.807
27.13	1221.19	253.843	74.995	818.094	21.794	0.000	0.000	0.000	29.763	22.702
27.63	1425.69	294.393	81.255	968.479	24.364	0.000	0.000	0.000	32.603	24.597
28.13	1630.19	334.943	87.515	1118.864	26.934	0.000	0.000	0.000	35.443	26.492
										PROVIDED TREATMENT VOLUME**
										23.838

* CURVE NUMBER DETERMINED FROM TABLE 2-2C TR55. **TREATMENT VOLUME ADDS HIGHLIGHTED BOXES.

BASIN TABLES												
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	2/8/2024							
BASIN NAME:	POD B	BASIN ANALYSIS:	POST-DEVELOPM									KIMLEY-HORN AND ASSOCIATES, INC

LAND USE TABLE											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	TOTAL
CN*	100	98	100	80	80	98	80	100	80	100	-
AREA (AC)	80.31	56.18	241.21	691.19	76.31	0.00	2.31	33.00	6.56	4.37	1191.44
PRODUCT	8031.00	5505.64	24121.00	55295.20	6104.80	0.00	184.80	3300.00	524.80	437.00	103504.24
COMPOSITE CN											87

STAGE STORAGE TABLE											
USE		PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	
STORAGE TYPE		L	V	L	L	V	L	V	L	V	
AREA (AC)		56.18	241.21	691.19	76.31	0.00	2.31	33.00	6.56	4.37	
AVG LOW ELEV.		24.00	20.55	22.95	21.45	21.45	21.20	21.20	21.20	21.20	
AVG HIGH ELEV.		24.00	20.55	25.87	23.00	21.45	22.95	21.20	23.70	21.20	
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.55	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.05	120.61	0.000	120.605	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21.55	254.78	0.000	241.210	0.000	0.247	0.000	0.081	11.550	0.161	1.530	
22.05	403.89	0.000	361.815	0.000	8.890	0.000	0.477	28.050	0.948	3.715	
22.55	566.35	0.000	482.420	0.000	29.882	0.000	1.203	44.550	2.391	5.900	
22.95	705.91	0.000	578.904	0.000	55.566	0.000	2.021	57.750	4.018	7.648	
23.00	724.25	0.000	590.965	0.296	59.331	0.000	2.137	59.400	4.251	7.866	130.768
23.05	743.23	0.000	603.025	1.184	63.147	0.000	2.252	61.050	4.490	8.085	
23.55	966.01	0.000	723.630	42.608	101.302	0.000	3.407	77.550	7.246	10.270	
23.72	1056.55	0.000	765.151	70.562	114.437	0.000	3.805	83.230	8.345	11.022	
24.05	1251.27	2.809	844.235	143.209	139.457	0.000	4.562	94.050	10.496	12.455	

* CURVE NUMBER DETERMINED FROM TABLE 2-2C TR55. ** TREATMENT VOLUME ADDS HIGHLIGHTED BOXES.

BASIN TABLES											
PROJECT NAME:	THE RANCH PUD	PROJECT NUMBER:	245220000	DATE:	2/8/2024	APPENDIX 2					
BASIN NAME:	POD C	BASIN ANALYSIS:	POST-DEVELOPMENT	KIMLEY-HORN AND ASSOCIATES, INC							

LAND USE TABLE											
DESCRIPTION	BUILDING	PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.	TOTAL
CN*	100	98	100	80	80	98	80	100	80	100	-
AREA (AC)	16.17	52.71	19.98	328.49	21.04	0.00	0.20	0.61	1.13	1.69	442.02
PRODUCT	1617.00	5165.58	1998.00	26279.20	1683.20	0.00	16.00	61.00	90.40	169.00	37079.38
COMPOSITE CN											84

STAGE STORAGE TABLE											
USE	PAVEMENT	WETLAND	PERVIOUS	DRY POND BANK	DRY POND BOT.	LAKE BANK	LAKE @ CE	WET DITCH BANK	WET DITCH BOT.		
STORAGE TYPE	L	V	L	L	V	L	V	L	V		
AREA (AC)	52.71	19.98	328.49	21.04	0.00	0.20	0.61	1.13	1.69		
AVG LOW ELEV.	24.00	20.17	22.51	20.17	21.17	20.17	20.17	20.17	20.17		
AVG HIGH ELEV.	24.00	20.17	23.79	22.45	21.17	21.48	20.17	21.48	29.17		
STAGE NAVD	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	AC-FT	
20.17	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
20.67	12.42	0.000	9.990	0.000	1.154	0.000	0.019	0.305	0.108	0.845	
21.17	27.40	0.000	19.980	0.000	4.614	0.000	0.076	0.610	0.431	1.690	
21.48	37.98	0.000	26.174	0.000	7.918	0.000	0.131	0.799	0.740	2.214	PROVIDED TREATMENT VOLUME** 27.870
21.67	44.93	0.000	29.970	0.000	10.382	0.000	0.169	0.915	0.955	2.535	
22.17	64.80	0.000	39.960	0.000	18.456	0.000	0.269	1.220	1.520	3.380	
22.45	76.95	0.000	45.554	0.000	23.986	0.000	0.325	1.391	1.836	3.853	
22.67	90.05	0.000	49.950	3.285	28.614	0.000	0.369	1.525	2.085	4.225	
23.17	164.99	0.000	59.940	55.895	39.134	0.000	0.469	1.830	2.650	5.070	
23.67	304.08	0.000	69.930	172.663	49.654	0.000	0.569	2.135	3.215	5.915	
24.17	497.76	8.961	79.920	335.060	60.174	0.000	0.669	2.440	3.780	6.760	
24.67	710.69	35.316	89.910	499.305	70.694	0.000	0.769	2.745	4.345	7.605	

* CURVE NUMBER DETERMINED FROM TABLE 2-2C TR55. ** TREATMENT VOLUME ADDS HIGHLIGHTED BOXES.

KIMLEY-HORN AND ASSOICIATES, INC.			TREATMENT CALCULATIONS																			THE RANCH PUD		
A	B	C	D	E	F	G	H	I	J	J1	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
PODS	TOTAL DRAINAGE AREA	TOTAL IMPERVIOUS	BUILDING AREA	PAVEMENT	LAKE @ CE	WETLAND AREA	TOTAL PERVIOUS AREA	PROVIDED DRY TREATMNET VOLUME	PROVIDED WET TREATMENT VOLUME	TOTAL PROVIDED TREATMENT VOLUME	BASIN AREA FOR WATER QUALITY	IMPERVIOUS AREA FOR WATER QUALITY	% IMPERVIOUS FOR WATER QUALITY	2.5" TIME % IMPERVIOUS	WATER QUALITY TREATMENT VOLUME FOR 2.5" TIMES % IMPERVIOUS	WATER QUALITY TREATMENT VOLUME FOR 1" OF RUNOFF	REQUIRED WATER QUALITY TREATMENT VOLUME FOR SFWMD	WATER QUALITY TREATMENT VOLUME +50% FOR OFW	WATER QUALITY TREATMENT VOLUME FOR 3" OF RUNOFF OVER IMPERVIOUS	EQUIVALENT CACULATED DRY TREATMENT VOLUME	REMAINING CALCULATED WET DETENTION TREATMENT VOLUME	REMAINING REQUIRED WET DETENTION WATER QUALITY TREATMENT VOLUME	MARTIN COUNTY TOTAL REQUIRED TREATMENT VOLUME WITH DRY AND WET SYSTEM	REQUIRED WATER QUALITY VOLUME (MOST STRINGENT BEWTEEN MARTIN COUNTY AND SFWMD)
	ACRES	D+E+F+G ACRES	INPUT ACRES	INPUT ACRES	INPUT ACRES	INPUT ACRES	B-C ACRES	INPUT AC-FT	INPUT AC-FT	I+J AC-FT	B-D-F-G ACRES	K-H ACRES	L/K X 100 %	2.5 X M INCH	2.5*(C-D)/12 AC-FT	1/12 X B AC-FT	> OF O OR P AC-FT	1.5 X Q AC-FT	3/12 X C AC-FT	I/1.25 AC-FT	S-T AC-FT	U*1.5 AC-FT	I+V AC-FT	> R OR W AC-FT
POD A1	1586.48	367.55	23.58	35.39	83.46	217.11	1218.93	58.33	233.06	291.39	1262.33	43.40	3.44%	0.09	71.66	132.21	132.21	198.31	91.89	46.66	45.23	67.83867	126.17	198.31
POD A2	419.60	108.01	10.60	81.10	0.00	12.52	311.59	3.86	19.98	23.84	396.48	84.89	21.41%	0.54	20.29	34.97	34.97	52.45	27.00	3.08	23.92	35.87775	39.73	52.45
POD B	1191.44	415.07	80.31	56.18	33.00	241.21	776.37	59.33	71.44	130.77	836.92	60.55	7.23%	0.18	69.74	99.29	99.29	148.93	103.77	47.46	56.30	84.45402	143.79	148.93
POD C	442.02	91.16	16.17	52.71	0.61	19.98	350.86	23.99	3.88	27.87	405.26	54.40	13.42%	0.34	15.62	36.84	36.84	55.25	22.79	19.19	3.60	5.40228	29.39	55.25
TOTAL	3639.54	981.79	130.66	225.38	117.07	490.82	2657.75	145.50	328.37	473.86	2900.99	243.24	45.51%	1.14	177.32	303.30	303.30	454.94	245.45	116.40	129.05	193.57	339.07	454.94
LAND USE								PROVIDED TREATMENT VOLUME			SFWMD CRITERIA								MARTIN COUNTY CRITERIA					REQUIRED T.V.

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
Location : MARTIN COUNTY

Check One : Present Developed POD A1

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)
2. Mannings roughness coeff., n (Table 3-1)
3. Flow length, L (total L < 100 ft.)
4. Two-yr 24-hr rainfall, P2
5. Calculated Land slope, s
- 5a. Land Elevation For Upper End Of Flow Path
- 5b. Land Elevation For Lower End Of Flow Path
6. Compute Tt [Eq. 3-3]

Segment ID	AB		
	Smooth Surface		
	0.15		
ft	100.00		
in	5.78		
ft/ft	0.0213		
	24.03		
	21.90		
hr	0.119	+	= 0.119 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)
8. Flow length, L
9. Calculated Watercourse slope, s
- 9a. Land Elevation For Upper End Of Flow Path
- 9b. Land Elevation For Lower End Of Flow Path
10. Average velocity, V (Figure 3-1)
11. Tt = L/3600V Compute Tt

Segment ID	BC		
	Unpaved		
ft	300.00		
ft/ft	0.0018		
	21.90		
	21.37		
ft/s	0.68		
hr	0.123	+	= 0.123 hours

Channel Flow

12. Cross sectional flow area, a
13. Wetted perimeter, Pw
14. Hydraulic radius, r = a/Pw Compute r
15. Channel slope, s
16. Manning's roughness coeff., n
17. $V = 1.49(r^{0.667})(s^{0.50})/n$ Compute V
18. Flow length, L
19. Tt = L/3600V Compute Tt

Segment ID	CD		
sf	150.00		
ft	50.00		
ft	3.000		
ft/ft	3.100		
	0.013		
ft/s	3.100		
ft	500.00		
hr	0.045	+	= 0.045 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.286 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

17.2 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
Location : MARTIN COUNTY

Check One : Present Developed POD A2

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0323		
5b. Land Elevation For Lower End Of Flow Path		25.18		
6. Compute Tt [Eq. 3-3]	hr	21.95		
		0.100	+	=
				0.100 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	300.00		
9a. Land Elevation For Upper End Of Flow Path		0.0027		
9b. Land Elevation For Lower End Of Flow Path		21.95		
10. Average velocity, V (Figure 3-1)	ft/s	21.14		
11. Tt = L/3600V Compute Tt	hr	0.84		
		0.100	+	=
				0.100 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	150.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	53.00		
15. Channel slope, s	ft	2.830		
16. Manning's roughness coeff., n	ft/ft	3.010		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	2.982		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.200 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.0 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
Location : MARTIN COUNTY

Check One : Present Developed POB B

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)	Segment ID	AB		
2. Mannings roughness coeff., n (Table 3-1)		Smooth Surface		
3. Flow length, L (total L < 100 ft.)	ft	0.15		
4. Two-yr 24-hr rainfall, P2	in	100.00		
5. Calculated Land slope, s	ft/ft	5.78		
5a. Land Elevation For Upper End Of Flow Path		0.0434		
5b. Land Elevation For Lower End Of Flow Path		25.87		
6. Compute Tt [Eq. 3-3]	hr	21.53		
		0.089	+	=
				0.089 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)	Segment ID	BC		
8. Flow length, L	ft	Unpaved		
9. Calculated Watercourse slope, s	ft/ft	300.00		
9a. Land Elevation For Upper End Of Flow Path		0.0036		
9b. Land Elevation For Lower End Of Flow Path		21.53		
10. Average velocity, V (Figure 3-1)	ft/s	20.45		
11. Tt = L/3600V Compute Tt	hr	0.97		
		0.086	+	=
				0.086 hours

Channel Flow

12. Cross sectional flow area, a	Segment ID	CD		
13. Wetted perimeter, Pw	sf	150.00		
14. Hydraulic radius, r = a/Pw Compute r	ft	53.00		
15. Channel slope, s	ft	2.830		
16. Manning's roughness coeff., n	ft/ft	3.010		
17. V = 1.49(r^0.667)(s^0.50)/n Compute V	ft/s	0.013		
18. Flow length, L	ft	2.982		
19. Tt = L/3600V Compute Tt	hr	0.00		
		0.000	+	=
				0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.175 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

10.5 minutes

Time of concentration (Tc) or travel time (Tt)

JOB # 245220000

Project : THE RANCH PUD
Location : MARTIN COUNTY

Check One : Present Developed POD C

Check One : Tc Tt through subarea

Sheet flow (Applicable to Tc only)

1. Surface description (Table 3-1)
2. Mannings roughness coeff., n (Table 3-1)
3. Flow length, L (total L < 100 ft.)
4. Two-yr 24-hr rainfall, P2
5. Calculated Land slope, s
- 5a. Land Elevation For Upper End Of Flow Path
- 5b. Land Elevation For Lower End Of Flow Path
6. Compute Tt [Eq. 3-3]

Segment ID	AB		
	Smooth Surface		
	0.15		
ft	100.00		
in	5.78		
ft/ft	0.0305		
	23.79		
	20.74		
hr	0.103	+	= 0.103 hours

Shallow concentrated flow

7. Surface description (Paved or Unpaved)
8. Flow length, L
9. Calculated Watercourse slope, s
- 9a. Land Elevation For Upper End Of Flow Path
- 9b. Land Elevation For Lower End Of Flow Path
10. Average velocity, V (Figure 3-1)
11. Tt = L/3600V Compute Tt

Segment ID	BC		
	Unpaved		
ft	300.00		
ft/ft	0.0025		
	20.74		
	19.98		
ft/s	0.81		
hr	0.102	+	= 0.102 hours

Channel Flow

12. Cross sectional flow area, a
13. Wetted perimeter, Pw
14. Hydraulic radius, r = a/Pw Compute r
15. Channel slope, s
16. Manning's roughness coeff., n
17. V = 1.49(r^0.667)(s^0.50)/n Compute V
18. Flow length, L
19. Tt = L/3600V Compute Tt

Segment ID	CD		
sf	150.00		
ft	53.00		
ft	2.830		
ft/ft	3.010		
	0.013		
ft/s	2.982		
ft	0.00		
hr	0.000	+	= 0.000 hours

20. Watershed or subarea Tc or Tt (add Tt in steps 6,11, and 19) 0.205 hours

Reference: Urban Hydrology for Small Watersheds
 Technical Release 55, Soil Conservation Service
 U.S. Department of Agriculture, June 1986

Use Time of Concentration =

12.3 minutes

The Ranch PUD

Appendix 3

Pre-Development ICPR Report

Simulation: 03 year 24 hour

Scenario: PRE BASINS
 Run Date/Time: 2/14/2024 8:48:28 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: ~FDOT-24
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 5.76 in
	Storm Duration: 24.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 05-year 24 hour

Scenario: PRE BASINS
Run Date/Time: 2/14/2024 9:00:22 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight Fact: 0.5 dec
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2
 Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~FDOT-24
 Rainfall Amount: 6.75 in
 Storm Duration: 24.0000 hr

 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 10 year 24 hours

Scenario: PRE BASINS
 Run Date/Time: 2/14/2024 9:11:07 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FDOT-24
	Rainfall Amount: 8.11 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2	Min Node Srf Area 100 ft2
(2D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100 year72 hours

Scenario: PRE BASINS
Run Date/Time: 2/14/2024 10:26:09 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	360.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight Fact: 0.5 dec
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2
 Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~SFWMD-72
 Rainfall Amount: 15.60 in
 Storm Duration: 72.0000 hr

 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 25 year 72 hours

Scenario: PRE BASINS
 Run Date/Time: 2/14/2024 9:21:43 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	360.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain: Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~SFWMD-72
	Rainfall Amount: 12.00 in
Edge Length Option: Automatic	Storm Duration: 72.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simple Basin: B-01

Scenario: PRE BASINS
Node: ND01
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 13.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.1100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-02

Scenario: PRE BASINS
Node: ND02

Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 89.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 27.0900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-03

Scenario: PRE BASINS
Node: ND03
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 45.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 21.5500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-06

Scenario: PRE BASINS
Node: ND06
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 96.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0

Area: 33.6600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-07

Scenario: PRE BASINS
Node: ND07
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 34.1000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.1700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-08

Scenario: PRE BASINS
Node: ND08
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 29.9000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 18.6200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-09

Scenario: PRE BASINS
 Node: ND09
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 14.9000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6300 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-10

Scenario: PRE BASINS
 Node: ND10
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 128.5000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 39.2900 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-100

Scenario: PRE BASINS

Node: ND100
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 13.9000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 5.6900 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-101

Scenario: PRE BASINS
 Node: ND101
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 41.5000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 9.7200 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-102

Scenario: PRE BASINS
 Node: ND102
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 19.3000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256

Peaking Factor: 256.0
 Area: 2.7800 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-103

Scenario: PRE BASINS
 Node: ND103
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 17.9000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 8.6600 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-104

Scenario: PRE BASINS
 Node: ND104
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 14.7000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 8.2100 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-105

Scenario: PRE BASINS
Node: ND105
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 14.4000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.7700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-106

Scenario: PRE BASINS
Node: ND106
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.1100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-107

Scenario: PRE BASINS
Node: ND107
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 22.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.5200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-108

Scenario: PRE BASINS
Node: ND108
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 16.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.3900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-109

Scenario: PRE BASINS
Node: ND109
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 7.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr

Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 9.2000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-11

Scenario: PRE BASINS
 Node: ND11
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 33.2000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 11.6100 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-110

Scenario: PRE BASINS
 Node: ND110
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 34.2000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 11.4400 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00

Rainfall Name:

Comment:

Simple Basin: B-111

Scenario: PRE BASINS
Node: ND111
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 24.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 20.5200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-112

Scenario: PRE BASINS
Node: ND112
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 14.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 34.1700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-115

Scenario: PRE BASINS
Node: ND115
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 142.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1372.4000 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-116

Scenario: PRE BASINS
Node: ND116
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 50.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 272.9000 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-12

Scenario: PRE BASINS
Node: ND12
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 42.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 7.4500 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-13

Scenario: PRE BASINS
 Node: ND13
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 58.3000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 13.6300 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-14

Scenario: PRE BASINS
 Node: ND14
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 19.6000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 20.2500 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-15

Scenario: PRE BASINS
Node: ND15
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.6400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-16

Scenario: PRE BASINS
Node: ND16
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 40.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 12.4800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-17

Scenario: PRE BASINS
Node: ND17
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 18.5000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 18.3500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-18

Scenario: PRE BASINS
Node: ND18
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 24.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.8200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-19

Scenario: PRE BASINS
Node: ND19
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 13.5000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.6400 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-20

Scenario: PRE BASINS
 Node: ND20
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 14.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 15.3200 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-21

Scenario: PRE BASINS
 Node: ND21
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 11.5000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 6.9000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-22

Scenario: PRE BASINS
Node: ND22
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 73.4900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-23

Scenario: PRE BASINS
Node: ND23
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 18.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 11.7700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-24

Scenario: PRE BASINS
Node: ND24
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.4700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-25

Scenario: PRE BASINS
Node: ND25
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 110.5000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 39.1800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-26

Scenario: PRE BASINS
Node: ND26
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 18.2000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 13.1900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-27

Scenario: PRE BASINS
Node: ND27
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 32.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 9.0600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-28

Scenario: PRE BASINS
Node: ND28
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 29.4000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 14.8500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-29

Scenario: PRE BASINS
Node: ND29
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 38.9000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 41.2900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-30

Scenario: PRE BASINS
Node: ND30
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 44.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 24.6500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-31

Scenario: PRE BASINS
Node: ND31
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.5400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-32

Scenario: PRE BASINS
Node: ND32
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 19.4000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.7800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-33

Scenario: PRE BASINS
Node: ND33
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 27.1000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 28.0200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-34

Scenario: PRE BASINS
Node: ND34
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 81.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 33.9100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-35

Scenario: PRE BASINS
Node: ND35
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 32.9000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 12.4500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-36

Scenario: PRE BASINS
Node: ND36
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.5000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.8300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-37

Scenario: PRE BASINS
Node: ND37
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 63.1000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 16.0800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-38

Scenario: PRE BASINS
 Node: ND38
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 51.8000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.2700 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-39

Scenario: PRE BASINS
 Node: ND39
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 20.6000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 20.2000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-41

Scenario: PRE BASINS
 Node: ND41
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 60.3000 min
 Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 42.9800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-42

Scenario: PRE BASINS
Node: ND42
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 6.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.8900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-43

Scenario: PRE BASINS
Node: ND43
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 41.1000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.6400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-44

Scenario: PRE BASINS
Node: ND44
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 73.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 36.0600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-45

Scenario: PRE BASINS
Node: ND45
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 70.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 29.4500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-46

Scenario: PRE BASINS
 Node: ND46
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 30.9000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.5300 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-47

Scenario: PRE BASINS
 Node: ND47
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 13.5000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 7.1900 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-48

Scenario: PRE BASINS
 Node: ND48
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 20.1000 min
 Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.8200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-49

Scenario: PRE BASINS
Node: ND49
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 18.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.2100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-50

Scenario: PRE BASINS
Node: ND50
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 15.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.7400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-51

Scenario: PRE BASINS
Node: ND51
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 34.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.7500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-52

Scenario: PRE BASINS
Node: ND52
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 23.5000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.0900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-53

Scenario: PRE BASINS
 Node: ND53
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 131.9000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 19.9300 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-54

Scenario: PRE BASINS
 Node: ND54
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 20.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 10.1000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-55

Scenario: PRE BASINS
 Node: ND55
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 16.8000 min
 Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.0500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-56

Scenario: PRE BASINS
Node: ND56
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 21.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.9900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-57

Scenario: PRE BASINS
Node: ND57
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 16.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.0300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-58

Scenario: PRE BASINS
Node: ND58
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 15.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.0400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-59

Scenario: PRE BASINS
Node: ND59
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 18.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.5400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-60

Scenario: PRE BASINS
Node: ND60
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 13.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 66.7900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-61

Scenario: PRE BASINS
Node: ND61
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 33.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.2600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-62

Scenario: PRE BASINS
Node: ND62
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 77.7000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 14.0800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-63

Scenario: PRE BASINS
Node: ND63
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 19.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.8600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-64

Scenario: PRE BASINS
Node: ND64
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 29.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.7900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-65

Scenario: PRE BASINS
Node: ND65
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 14.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.2100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-66

Scenario: PRE BASINS
Node: ND66
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 76.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.8300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-67

Scenario: PRE BASINS
Node: ND67
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 50.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.5300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-68

Scenario: PRE BASINS
Node: ND68
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 20.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.9200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-69

Scenario: PRE BASINS
Node: ND69
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 20.3000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.7200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-70

Scenario: PRE BASINS
Node: ND70
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 35.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.3300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-71

Scenario: PRE BASINS
Node: ND71
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 24.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.6900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-72

Scenario: PRE BASINS
Node: ND72
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 16.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.3200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-73

Scenario: PRE BASINS
Node: ND73
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 26.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.8700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-74

Scenario: PRE BASINS
Node: ND74
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 35.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-75

Scenario: PRE BASINS
Node: ND75
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 19.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.3600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-76

Scenario: PRE BASINS
Node: ND76
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 35.2000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 41.3700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-77

Scenario: PRE BASINS
Node: ND77
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 22.4000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 17.7100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-78

Scenario: PRE BASINS
Node: ND78
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 7.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.5700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-79

Scenario: PRE BASINS
Node: ND79
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 7.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.2700 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-80

Scenario: PRE BASINS
Node: ND80
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 7.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.4400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-81

Scenario: PRE BASINS
Node: ND81
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 25.6000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.2200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-82

Scenario: PRE BASINS
Node: ND82
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 9.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 13.1900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-83

Scenario: PRE BASINS
Node: ND83
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 8.8000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.0800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-84

Scenario: PRE BASINS
Node: ND84
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 65.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 20.7900 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-85

Scenario: PRE BASINS
Node: ND85
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 24.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.2800 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-86

Scenario: PRE BASINS
Node: ND86
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.4100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-87

Scenario: PRE BASINS
Node: ND87
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.5000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.5300 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-88

Scenario: PRE BASINS
Node: ND88
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 16.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.4100 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-89

Scenario: PRE BASINS
Node: ND89
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 11.3000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 12.5500 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-90

Scenario: PRE BASINS
Node: ND90
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.3000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.6800 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-91

Scenario: PRE BASINS
 Node: ND91
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 14.6000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.7000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-92

Scenario: PRE BASINS
 Node: ND92
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 16.8000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 4.5900 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-93

Scenario: PRE BASINS
Node: ND93
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.4000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.3400 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-94

Scenario: PRE BASINS
Node: ND94
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 13.2000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.6200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-95

Scenario: PRE BASINS
Node: ND95
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 22.8000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.7200 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-96

Scenario: PRE BASINS
Node: ND96
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.7000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6600 ac
Curve Number: 80.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: B-97

Scenario: PRE BASINS
Node: ND97
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 17.7000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 5.1100 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-98

Scenario: PRE BASINS
 Node: ND98
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 38.5000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 11.1100 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: B-99

Scenario: PRE BASINS
 Node: ND99
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 15.8000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.2300 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL- 01

Scenario: PRE BASINS
Node: NWL01
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.1900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-02

Scenario: PRE BASINS
Node: NWL02
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 9.6500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-03

Scenario: PRE BASINS
Node: NWL03
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.2300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-06

Scenario: PRE BASINS
Node: NWL06
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 12.9500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-07

Scenario: PRE BASINS
Node: NWL07
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.2700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-08

Scenario: PRE BASINS
Node: NWL08
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 9.2700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-09

Scenario: PRE BASINS
Node: NWL09
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.6400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-10

Scenario: PRE BASINS
Node: NWL10
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.7300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-100

Scenario: PRE BASINS
Node: NWL100
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.1600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-101

Scenario: PRE BASINS
Node: NWL101
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.0900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-102

Scenario: PRE BASINS
Node: NWL102
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.1220 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-103

Scenario: PRE BASINS
Node: NWL103
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.1700 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-104

Scenario: PRE BASINS
 Node: NWL104
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.7600 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-105

Scenario: PRE BASINS
 Node: NWL105
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2700 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-106

Scenario: PRE BASINS
Node: NWL106
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.9300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-107

Scenario: PRE BASINS
Node: NWL107
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.8600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-108

Scenario: PRE BASINS
Node: NWL108
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.0100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-109

Scenario: PRE BASINS
Node: NWL109
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.3300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-11

Scenario: PRE BASINS
Node: NWL11
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 5.1600 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-110

Scenario: PRE BASINS
 Node: NWL110
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 5.3600 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-111

Scenario: PRE BASINS
 Node: NWL111
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.5800 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-112

Scenario: PRE BASINS
Node: NWL112
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.4500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-12

Scenario: PRE BASINS
Node: NWL12
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.0400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-13

Scenario: PRE BASINS
Node: NWL13
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.2700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-14

Scenario: PRE BASINS
Node: NWL14
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 9.9400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-15

Scenario: PRE BASINS
Node: NWL15
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.4000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-16

Scenario: PRE BASINS
Node: NWL16
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 10.1200 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-17

Scenario: PRE BASINS
Node: NWL17
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 26.7100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-18

Scenario: PRE BASINS
Node: NWL18
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-19

Scenario: PRE BASINS
Node: NWL19
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-20

Scenario: PRE BASINS
Node: NWL20
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 11.8100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-21

Scenario: PRE BASINS
Node: NWL21
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 9.9400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-22

Scenario: PRE BASINS
Node: NWL22
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 23.8100 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-23

Scenario: PRE BASINS
 Node: NWL23
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 5.1300 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-24

Scenario: PRE BASINS
 Node: NWL24
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 2.1000 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-25

Scenario: PRE BASINS
Node: NWL25
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 16.7700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-26

Scenario: PRE BASINS
Node: NWL26
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 15.2600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-27

Scenario: PRE BASINS
Node: NWL27
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.7370 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-28

Scenario: PRE BASINS
Node: NWL28
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.5600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-29

Scenario: PRE BASINS
Node: NWL29
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 26.1200 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-30

Scenario: PRE BASINS
Node: NWL30
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 27.1610 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-31

Scenario: PRE BASINS
Node: NWL31
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.9700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-32

Scenario: PRE BASINS
Node: NWL32
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6370 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-33

Scenario: PRE BASINS
Node: NWL33
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 25.5500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-34

Scenario: PRE BASINS
Node: NWL34
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.9000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-35

Scenario: PRE BASINS
Node: NWL35
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.9600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-36

Scenario: PRE BASINS
Node: NWL36
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 4.2700 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-37

Scenario: PRE BASINS
 Node: NWL37
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 12.3200 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-38

Scenario: PRE BASINS
 Node: NWL38
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.9100 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-39

Scenario: PRE BASINS
Node: NWL39
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 8.7500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-41

Scenario: PRE BASINS
Node: NWL41
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 11.4000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-42

Scenario: PRE BASINS
Node: NWL42
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.3000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-43

Scenario: PRE BASINS
Node: NWL43
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.2100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-44

Scenario: PRE BASINS
Node: NWL44
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 32.4700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-45

Scenario: PRE BASINS
Node: NWL45
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 24.4100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-46

Scenario: PRE BASINS
Node: NWL46
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.3400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-47

Scenario: PRE BASINS
Node: NWL47
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.9500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-48

Scenario: PRE BASINS
Node: NWL48
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.7400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-49

Scenario: PRE BASINS
Node: NWL49
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.3100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-50

Scenario: PRE BASINS
Node: NWL50
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.9900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-51

Scenario: PRE BASINS
Node: NWL51
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 0.5900 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-52

Scenario: PRE BASINS
 Node: NWL52
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 3.5000 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-53

Scenario: PRE BASINS
 Node: NWL53
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 7.3300 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-54

Scenario: PRE BASINS
Node: NWL54
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 7.5700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-55

Scenario: PRE BASINS
Node: NWL55
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.9700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-56

Scenario: PRE BASINS
Node: NWL56
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.8600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-57

Scenario: PRE BASINS
Node: NWL57
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.9700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-58

Scenario: PRE BASINS
Node: NWL58
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 12.8800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-59

Scenario: PRE BASINS
Node: NWL59
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.0400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-60

Scenario: PRE BASINS
Node: NWL60
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 50.6100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-61

Scenario: PRE BASINS
Node: NWL61
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.1800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-62

Scenario: PRE BASINS
Node: NWL62
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.3600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-63

Scenario: PRE BASINS
Node: NWL63
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.6700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-64

Scenario: PRE BASINS
Node: NWL64
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-65

Scenario: PRE BASINS
Node: NWL65
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 7.9000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-66

Scenario: PRE BASINS
Node: NWL66
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-67

Scenario: PRE BASINS
Node: NWL67
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.8700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-68

Scenario: PRE BASINS
Node: NWL68
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.0900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-69

Scenario: PRE BASINS
Node: NWL69
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.8400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-70

Scenario: PRE BASINS
Node: NWL70
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-71

Scenario: PRE BASINS
Node: NWL71
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.0200 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-72

Scenario: PRE BASINS
Node: NWL72
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-73

Scenario: PRE BASINS
Node: NWL73
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.4700 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-74

Scenario: PRE BASINS
Node: NWL74
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.4600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-75

Scenario: PRE BASINS
Node: NWL75
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.0000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-76

Scenario: PRE BASINS
Node: NWL76
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 51.9250 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-77

Scenario: PRE BASINS
Node: NWL77
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 20.1800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-78

Scenario: PRE BASINS
Node: NWL78
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.7800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-79

Scenario: PRE BASINS
Node: NWL79
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.0300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-80

Scenario: PRE BASINS
Node: NWL80
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.5250 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-81

Scenario: PRE BASINS
Node: NWL81
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 6.5500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-82

Scenario: PRE BASINS
Node: NWL82
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.5800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-83

Scenario: PRE BASINS
Node: NWL83
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 4.7600 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-84

Scenario: PRE BASINS
Node: NWL84
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 11.1800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-85

Scenario: PRE BASINS
Node: NWL85
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.6300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-86

Scenario: PRE BASINS
Node: NWL86
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.8300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-87

Scenario: PRE BASINS
Node: NWL87
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.4360 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-88

Scenario: PRE BASINS
Node: NWL88
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.1000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-89

Scenario: PRE BASINS
Node: NWL89
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 8.6100 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-90

Scenario: PRE BASINS
Node: NWL90
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 5.5900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-91

Scenario: PRE BASINS
Node: NWL91
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 2.7000 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-92

Scenario: PRE BASINS
Node: NWL92
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.8300 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-93

Scenario: PRE BASINS
Node: NWL93
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs

Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1.2900 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-94

Scenario: PRE BASINS
 Node: NWL94
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 6.6900 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: BWL-95

Scenario: PRE BASINS
 Node: NWL95
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 10.0000 min
 Max Allowable Q: 99999.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 6.5800 ac
 Curve Number: 100.0
 % Impervious: 0.00
 % DCIA: 0.00

% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-96

Scenario: PRE BASINS
Node: NWL96
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.6400 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-97

Scenario: PRE BASINS
Node: NWL97
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.3800 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-98

Scenario: PRE BASINS
Node: NWL98
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1.2900 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: BWL-99

Scenario: PRE BASINS
Node: NWL99
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 99999.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 3.5500 ac
Curve Number: 100.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Node: GW PERC. WL01

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.50 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL02

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.00 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL03

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.70 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL06

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.56 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL07

Scenario: PRE BASINS
Type: Time/Stage

Base Flow: 0.00 cfs
Initial Stage: 21.87 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL08

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.25 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL09

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.74 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL10

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.24 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL100

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.50 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL101

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 18.71 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL102

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.45 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL103

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 18.81 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL104

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.30 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL105

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.44 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL106

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.80 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL107

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.36 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL108

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.38 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL109

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.35 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL11

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.65 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL110

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.20 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL111

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.00 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL112

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.50 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL12

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.02 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL13

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.02 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL14

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.11 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL15

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.46 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL16

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.62 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL17

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.79 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL18

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.43 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL19

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.06 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL20

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.60 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL21

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.09 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL22

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.35 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL23

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.30 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL24

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.92 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL25

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.23 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL26

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.38 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL27

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.81 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL28

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.43 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL29

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.67 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL30

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.32 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL31

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.02 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL32

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 18.00 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL33

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.95 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL34

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.95 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL35

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.80 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL36

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.50 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL37

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 18.39 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL38

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.40 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL39

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.00 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL41

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.74 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL42

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.61 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL43

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.02 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL44

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.16 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL45

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.00 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL46

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.82 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL47

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.77 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL48

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.66 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL49

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.69 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL50

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.84 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL51

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.10 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL52

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.82 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL53

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.42 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL54

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.87 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL55

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.36 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL56

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.77 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL57

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.86 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL58

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.28 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL59

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.81 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL60

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.19 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL61

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.63 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL62

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.29 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL63

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.14 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL64

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.16 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL65

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.12 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL66

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.67 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL67

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.02 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL68

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.46 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL69

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.25 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL70

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.48 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL71

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.44 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL72

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.41 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL73

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.39 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL74

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.28 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL75

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.22 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL76

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.73 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL77

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.86 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL78

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.72 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL79

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.96 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL80

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.31 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL81

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.66 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL82

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.14 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL83

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 22.21 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL84

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.90 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL85

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.47 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL86

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.71 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL87

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.25 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL88

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.18 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL89

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.99 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL90

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.78 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL91

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.41 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL92

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.03 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL93

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 21.84 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL94

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.74 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL95

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.15 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL96

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 20.46 ft

Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL97

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.85 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL98

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.28 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: GW PERC. WL99

Scenario: PRE BASINS
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 19.69 ft
Warning Stage: 0.00 ft
Boundary Stage:

Comment:

Node: ND01

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.64	0.00	0
21.84	0.01	436
22.04	0.04	1742
22.24	0.08	3485
22.44	0.13	5663
22.64	0.20	8712
22.84	0.29	12632
23.04	0.39	16988
23.24	0.50	21780
23.44	0.63	27443
23.64	0.78	33977
23.84	0.94	40946
24.04	1.11	48352
24.24	1.30	56628
24.44	1.51	65776
24.64	1.73	75359
24.84	1.96	85378
25.04	2.21	96268

Comment:

Node: ND02

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.81	0.00	0
23.31	1.30	56628
23.81	8.89	387248
24.31	21.94	955706
24.81	35.49	1545944
25.31	49.03	2135747
25.81	62.58	2725985
26.31	76.12	3315787
26.81	89.67	3906025
27.31	103.21	4495828
27.81	116.76	5086066

Stage [ft]	Volume [ac-ft]	Volume [ft3]
28.31	130.30	5675868
28.81	143.85	6266106
29.31	157.39	6855908
29.81	170.94	7446146
30.31	184.48	8035949
30.81	198.03	8626187

Comment:

Node: ND03

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.70 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.70	0.00	0
22.90	0.33	14375
23.10	1.33	57935
23.30	2.98	129809
23.50	5.30	230868
23.70	8.29	361112
23.90	11.94	520106
24.10	16.16	703930
24.30	20.47	891673
24.50	24.78	1079417
24.70	29.09	1267160
24.90	33.40	1454904
25.10	37.71	1642648
25.30	42.02	1830391
25.50	46.33	2018135
25.70	50.64	2205878
25.90	54.95	2393622
26.10	59.26	2581366
26.30	63.57	2769109

Comment:

Node: ND06

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.56 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.56	0.00	0
22.76	0.47	20473
22.96	1.87	81457
23.16	4.21	183388
23.36	7.48	325829
23.56	11.69	509216
23.76	16.83	733115
23.96	22.91	997960
24.16	29.62	1290247
24.36	36.35	1583406
24.56	43.08	1876565
24.76	49.82	2170159
24.96	56.55	2463318
25.16	63.28	2756477
25.36	70.01	3049636
25.56	76.74	3342794
25.76	83.48	3636389
25.96	90.21	3929548
26.16	96.94	4222706

Comment:

Node: ND07

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.87 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.37	0.00	0
22.87	0.28	12197
23.37	1.55	67518
23.87	3.85	167706
24.37	6.90	300564
24.87	9.98	434729
25.37	13.06	568894
25.87	16.14	703058
26.37	19.22	837223
26.87	22.30	971388
27.37	25.38	1105553
27.87	28.46	1239718
28.37	31.54	1373882
28.87	34.62	1508047

Stage [ft]	Volume [ac-ft]	Volume [ft3]
29.37	37.70	1642212
29.87	40.78	1776377
30.37	43.86	1910542
30.87	46.94	2044706

Comment:

Node: ND08

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.45	0.00	0
22.65	0.14	6098
22.85	0.76	33106
23.05	1.88	81893
23.25	3.49	152024
23.45	5.60	243936
23.65	8.21	357628
23.85	11.31	492664
24.05	14.90	649044
24.25	18.62	811087
24.45	22.34	973130
24.65	26.07	1135609
24.85	29.79	1297652
25.05	33.52	1460131
25.25	37.24	1622174
25.45	40.96	1784218
25.65	44.69	1946696
25.85	48.41	2108740

Comment:

Node: ND09

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.94	0.00	0
22.14	0.01	436
22.34	0.05	2178
22.54	0.12	5227
22.74	0.22	9583
22.94	0.36	15682
23.14	0.53	23087
23.34	0.73	31799
23.54	0.97	42253
23.74	1.23	53579
23.94	1.53	66647
24.14	1.86	81022
24.34	2.18	94961
24.54	2.51	109336
24.74	2.84	123710
24.94	3.16	137650
25.14	3.49	152024
25.34	3.81	165964

Comment:

Node: ND10

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.24 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.44	0.00	0
22.64	0.26	11326
22.84	1.51	65776
23.04	3.82	166399
23.24	7.17	312325
23.44	11.57	503989
23.64	17.02	741391
23.84	23.52	1024531
24.04	31.04	1352102
24.24	38.90	1694484
24.44	46.76	2036866
24.64	54.61	2378812
24.84	62.47	2721193
25.04	70.33	3063575
25.24	78.19	3405956
25.44	86.05	3748338
25.64	93.90	4090284

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.84	101.76	4432666

Comment:

Node: ND100

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.50 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.50	0.00	0
20.70	0.14	6098
20.90	0.57	24829
21.10	1.28	55757
21.30	2.28	99317
21.50	3.42	148975
21.70	4.55	198198
21.90	5.69	247856
22.10	6.83	297515
22.30	7.97	347173
22.50	9.11	396832
22.70	10.25	446490
22.90	11.38	495713
23.10	12.52	545371
23.30	13.66	595030
23.50	14.80	644688
23.70	15.94	694346
23.90	17.08	744005
24.10	18.22	793663

Comment:

Node: ND101

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 18.71 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.21	0.00	0
19.71	0.34	14810

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.21	1.68	73181
20.71	4.03	175547
21.21	7.39	321908
21.71	11.76	512266
22.21	16.62	723967
22.71	21.48	935669
23.21	26.34	1147370
23.71	31.20	1359072
24.21	36.06	1570774
24.71	40.92	1782475
25.21	45.77	1993741
25.71	50.63	2205443
26.21	55.49	2417144
26.71	60.35	2628846
27.21	65.21	2840548
27.71	70.07	3052249

Comment:

Node: ND102

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.45 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.45	0.00	0
20.65	0.04	1742
20.85	0.21	9148
21.05	0.53	23087
21.25	0.98	42689
21.45	1.53	66647
21.65	2.09	91040
21.85	2.64	114998
22.05	3.20	139392
22.25	3.75	163350
22.45	4.31	187744
22.65	4.87	212137
22.85	5.42	236095
23.05	5.98	260489
23.25	6.53	284447
23.45	7.09	308840
23.65	7.65	333234
23.85	8.20	357192
24.05	8.76	381586

Comment:

Node: ND103

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 18.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.31	0.00	0
19.81	0.26	11326
20.31	1.78	77537
20.81	4.64	202118
21.31	8.75	381150
21.81	13.07	569329
22.31	17.40	757944
22.81	21.73	946559
23.31	26.06	1135174
23.81	30.39	1323788
24.31	34.72	1512403
24.81	39.05	1701018
25.31	43.38	1889633
25.81	47.71	2078248
26.31	52.04	2266862
26.81	56.37	2455477
27.31	60.70	2644092
27.81	65.02	2832271

Comment:

Node: ND104

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.30 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.80	0.00	0
20.30	0.12	5227
20.80	0.88	38333
21.30	2.31	100624
21.80	4.44	193406

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.30	7.24	315374
22.80	10.73	467399
23.30	14.78	643817
23.80	18.89	822848
24.30	23.00	1001880
24.80	27.10	1180476
25.30	31.21	1359508
25.80	35.32	1538539
26.30	39.42	1717135
26.80	43.53	1896167
27.30	47.64	2075198
27.80	51.74	2253794
28.30	55.85	2432826

Comment:

Node: ND105

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.44	0.00	0
20.94	0.23	10019
21.44	1.04	45302
21.94	2.44	106286
22.44	4.30	187308
22.94	6.18	269201
23.44	8.06	351094
23.94	9.95	433422
24.44	11.83	515315
24.94	13.71	597208
25.44	15.60	679536
25.94	17.48	761429
26.44	19.37	843757
26.94	21.25	925650
27.44	23.13	1007543
27.94	25.02	1089871
28.44	26.90	1171764

Comment:

Node: ND106

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.80 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.80	0.00	0
21.00	0.20	8712
21.20	0.82	35719
21.40	1.79	77972
21.60	2.81	122404
21.80	3.83	166835
22.00	4.85	211266
22.20	5.88	256133
22.40	6.90	300564
22.60	7.92	344995
22.80	8.94	389426
23.00	9.96	433858
23.20	10.98	478289
23.40	12.01	523156
23.60	13.03	567587
23.80	14.05	612018
24.00	15.07	656449
24.20	16.09	700880
24.40	17.12	745747

Comment:

Node: ND107

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.36 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.36	0.00	0
20.56	0.08	3485
20.76	0.31	13504
20.96	0.69	30056
21.16	1.23	53579
21.36	1.92	83635
21.56	2.76	120226
21.76	3.76	163786
21.96	4.86	211702

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.16	5.96	259618
22.36	7.07	307969
22.56	8.17	355885
22.76	9.28	404237
22.96	10.38	452153
23.16	11.49	500504
23.36	12.59	548420
23.56	13.70	596772
23.76	14.80	644688
23.96	15.90	692604

Comment:

Node: ND108

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.38 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.88	0.00	0
21.38	0.46	20038
21.88	2.47	107593
22.38	5.62	244807
22.88	8.81	383764
23.38	12.00	522720
23.88	15.20	662112
24.38	18.39	801068
24.88	21.58	940025
25.38	24.78	1079417
25.88	27.97	1218373
26.38	31.16	1357330
26.88	34.35	1496286
27.38	37.55	1635678
27.88	40.74	1774634
28.38	43.93	1913591
28.88	47.13	2052983
29.38	50.32	2191939

Comment:

Node: ND109

Scenario: PRE BASINS

Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.35 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.35	0.00	0
21.55	0.04	1742
21.75	0.96	41818
21.95	2.76	120226
22.15	4.60	200376
22.35	6.44	280526
22.55	8.28	360677
22.75	10.12	440827
22.95	11.96	520978
23.15	13.81	601564
23.35	15.65	681714
23.55	17.49	761864
23.75	19.33	842015
23.95	21.17	922165
24.15	23.01	1002316
24.35	24.85	1082466
24.55	26.69	1162616
24.75	28.53	1242767
24.95	30.37	1322917

Comment:

Node: ND11

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.75	0.00	0
22.25	0.18	7841
22.75	1.63	71003
23.25	4.54	197762
23.75	8.89	387248
24.25	14.51	632056
24.75	20.32	885139
25.25	26.12	1137787
25.75	31.93	1390871
26.25	37.73	1643519
26.75	43.54	1896602

Stage [ft]	Volume [ac-ft]	Volume [ft3]
27.25	49.34	2149250
27.75	55.15	2402334
28.25	60.95	2654982
28.75	66.76	2908066
29.25	72.56	3160714
29.75	78.37	3413797
30.25	84.17	3666445

Comment:

Node: ND110

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.20 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.20	0.00	0
21.40	0.18	7710
21.60	0.71	30840
21.80	1.59	69435
22.00	2.83	123405
22.20	4.43	192840
22.40	6.38	277695
22.60	8.63	376010
22.80	10.93	476285
23.00	13.24	576560
23.20	15.54	676835
23.40	17.84	777110
23.60	20.14	877386
23.80	22.44	977661
24.00	24.75	1077936
24.20	27.05	1178211

Comment:

Node: ND111

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.00 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.00	0.00	0
21.50	0.06	2614
22.00	2.31	100624
22.50	7.76	338026
23.00	16.41	714820
23.50	26.67	1161745
24.00	36.93	1608671
24.50	47.19	2055596
25.00	57.45	2502522
25.50	67.70	2949012
26.00	77.96	3395938
26.50	88.22	3842863
27.00	98.48	4289789
27.50	108.74	4736714
28.00	118.99	5183204
28.50	129.25	5630130
29.00	139.51	6077056

Comment:

Node: ND112

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.75 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.95	0.00	0
22.15	0.02	871
22.35	0.09	3920
22.55	0.22	9583
22.75	0.42	18295
22.95	0.67	29185
23.15	0.97	42253
23.35	1.26	54886
23.55	1.56	67954
23.75	1.86	81022
23.95	2.16	94090
24.15	2.45	106722
24.35	2.75	119790
24.55	3.05	132858
24.75	3.34	145490
24.95	3.64	158558
25.15	3.94	171626
25.35	4.24	184694

Comment:

Node: ND115

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.12 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.12	0.00	0
21.42	11.98	521849
21.72	28.97	1261933
22.02	46.72	2035123
22.32	70.41	3067060
22.62	147.95	6444702
22.92	290.99	12675524
23.22	499.53	21759527
23.52	773.58	33697145
23.82	1113.12	48487507
24.12	1512.93	65903231
24.42	1924.53	83832527
24.72	2336.13	101761823
25.02	2747.73	119691119
25.32	3159.33	137620415
25.62	3570.93	155549711
25.92	3982.53	173479007
26.22	4394.13	191408303
26.52	4805.73	209337599

Comment:

Node: ND116

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.98 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.98	0.00	0
21.48	1.76	76666
21.98	5.04	219542
22.48	38.89	1694048

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.98	138.82	6046999
23.48	274.49	11956784
23.98	410.39	17876588
24.48	546.39	23800748
24.98	682.39	29724908
25.48	818.39	35649068
25.98	954.39	41573228
26.48	1090.39	47497388
26.98	1226.39	53421548
27.48	1362.39	59345708
27.98	1498.39	65269868
28.48	1634.39	71194028
28.98	1770.39	77118188

Comment:

Node: ND12

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.65 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.15	0.00	0
22.65	0.06	2614
23.15	1.05	45738
23.65	3.28	142877
24.15	6.70	291852
24.65	10.43	454331
25.15	14.16	616810
25.65	17.88	778853
26.15	21.61	941332
26.65	25.33	1103375
27.15	29.06	1265854
27.65	32.78	1427897
28.15	36.51	1590376
28.65	40.23	1752419
29.15	43.96	1914898
29.65	47.68	2076941
30.15	51.41	2239420
30.65	55.13	2401463

Comment:

Node: ND13

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.02	0.00	0
22.22	0.22	9583
22.42	0.80	34848
22.62	1.75	76230
22.82	3.05	132858
23.02	4.73	206039
23.22	6.76	294466
23.42	9.16	399010
23.62	11.86	516622
23.82	14.58	635105
24.02	17.31	754024
24.22	20.04	872942
24.42	22.76	991426
24.62	25.49	1110344
24.82	28.21	1228828
25.02	30.94	1347746
25.22	33.67	1466665
25.42	36.39	1585148
25.62	39.12	1704067

Comment:

Node: ND14

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.52	0.00	0
22.02	1.10	47916
22.52	4.21	183388
23.02	9.36	407722
23.52	16.53	720047
24.02	25.72	1120363
24.52	35.84	1561190
25.02	45.97	2002453
25.52	56.09	2443280

Stage [ft]	Volume [ac-ft]	Volume [ft3]
26.02	66.22	2884543
26.52	76.34	3325370
27.02	86.47	3766633
27.52	96.59	4207460
28.02	106.72	4648723
28.52	116.84	5089550
29.02	126.97	5530813
29.52	137.09	5971640
30.02	147.22	6412903

Comment:

Node: ND15

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.11 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.11	0.00	0
21.61	0.49	21344
22.11	2.82	122839
22.61	6.14	267458
23.11	9.46	412078
23.61	12.78	556697
24.11	16.10	701316
24.61	19.42	845935
25.11	22.74	990554
25.61	26.06	1135174
26.11	29.38	1279793
26.61	32.70	1424412
27.11	36.02	1569031
27.61	39.34	1713650
28.11	42.66	1858270
28.61	45.98	2002889
29.11	49.30	2147508

Comment:

Node: ND16

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs

Initial Stage: 20.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.46	0.00	0
20.66	0.13	5663
20.86	0.64	27878
21.06	1.54	67082
21.26	2.84	123710
21.46	4.53	197327
21.66	6.61	287932
21.86	9.05	394218
22.06	11.54	502682
22.26	14.04	611582
22.46	16.54	720482
22.66	19.03	828947
22.86	21.53	937847
23.06	24.02	1046311
23.26	26.52	1155211
23.46	29.02	1264111
23.66	31.51	1372576
23.86	34.01	1481476
24.06	36.50	1589940

Comment:

Node: ND17

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.62 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.02	0.00	0
20.22	0.04	1742
20.42	0.44	19166
20.62	1.30	56628
20.82	2.60	113256
21.02	4.36	189922
21.22	6.57	286189
21.42	9.22	401623
21.62	12.33	537095
21.82	15.87	691297
22.02	19.54	851162
22.22	23.21	1011028
22.42	26.88	1170893

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.62	30.55	1330758
22.82	34.22	1490623
23.02	37.89	1650488
23.22	41.56	1810354

Comment:

Node: ND18

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.79 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.79	0.00	0
20.99	0.04	1742
21.19	0.15	6534
21.39	0.33	14375
21.59	0.59	25700
21.79	0.93	40511
21.99	1.29	56192
22.19	1.66	72310
22.39	2.02	87991
22.59	2.38	103673
22.79	2.75	119790
22.99	3.11	135472
23.19	3.48	151589
23.39	3.84	167270
23.59	4.20	182952
23.79	4.57	199069
23.99	4.93	214751
24.19	5.30	230868
24.39	5.66	246550

Comment:

Node: ND19

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.43 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.43	0.00	0
20.93	0.27	11761
21.43	1.02	44431
21.93	2.25	98010
22.43	3.95	172062
22.93	5.77	251341
23.43	7.59	330620
23.93	9.41	409900
24.43	11.23	489179
24.93	13.05	568458
25.43	14.87	647737
25.93	16.69	727016
26.43	18.51	806296
26.93	20.33	885575
27.43	22.15	964854
27.93	23.97	1044133
28.43	25.79	1123412
28.93	27.61	1202692
29.43	29.43	1281971

Comment:

Node: ND20

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.06 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.26	0.00	0
21.46	0.03	1307
21.66	0.58	25265
21.86	1.80	78408
22.06	3.71	161608
22.26	6.29	273992
22.46	9.35	407286
22.66	12.41	540580
22.86	15.47	673873
23.06	18.54	807602
23.26	21.60	940896
23.46	24.67	1074625
23.66	27.73	1207919
23.86	30.79	1341212
24.06	33.86	1474942
24.26	36.92	1608235

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.46	39.99	1741964
24.66	43.05	1875258

Comment:

Node: ND21

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	0.00	0
21.10	0.18	7841
21.60	1.30	56628
22.10	3.43	149411
22.60	6.56	285754
23.10	10.01	436036
23.60	13.46	586318
24.10	16.91	736600
24.60	20.36	886882
25.10	23.81	1037164
25.60	27.26	1187446
26.10	30.71	1337728
26.60	34.16	1488010
27.10	37.61	1638292
27.60	41.06	1788574
28.10	44.51	1938856
28.60	47.96	2089138
29.10	51.41	2239420
29.60	54.86	2389702

Comment:

Node: ND22

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.09 ft
 Warning Stage: 20.40 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.29	0.00	0

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.49	0.14	6098
20.69	1.47	64033
20.89	4.20	182952
21.09	8.33	362855
21.29	13.86	603742
21.49	20.79	905612
21.69	29.12	1268467
21.89	38.85	1692306
22.09	49.97	2176693
22.29	62.50	2722500
22.49	76.43	3329291
22.69	91.13	3969623
22.89	105.83	4609955
23.09	120.52	5249851
23.29	135.22	5890183
23.49	149.92	6530515
23.69	164.62	7170847

Comment:

Node: ND23

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.35 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.85	0.00	0
21.35	0.48	20909
21.85	2.83	123275
22.35	7.15	311454
22.85	12.95	564102
23.35	18.83	820235
23.85	24.72	1076803
24.35	30.60	1332936
24.85	36.49	1589504
25.35	42.37	1845637
25.85	48.26	2102206
26.35	54.14	2358338
26.85	60.03	2614907
27.35	65.91	2871040
27.85	71.80	3127608
28.35	77.68	3383741
28.85	83.57	3640309
29.35	89.45	3896442

Comment:

Node: ND24

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.30 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.30	0.00	0
20.80	0.47	20473
21.30	1.86	81022
21.80	4.18	182081
22.30	6.92	301435
22.80	9.65	420354
23.30	12.39	539708
23.80	15.12	658627
24.30	17.86	777982
24.80	20.59	896900
25.30	23.33	1016255
25.80	26.06	1135174
26.30	28.80	1254528
26.80	31.53	1373447
27.30	34.27	1492801
27.80	37.00	1611720
28.30	39.74	1731074

Comment:

Node: ND25

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.92 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.92	0.00	0
21.42	2.86	124582
21.92	11.02	480031
22.42	24.47	1065913
22.92	42.90	1868724
23.42	62.49	2722064

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.92	82.08	3575405
24.42	101.67	4428745
24.92	121.26	5282086
25.42	140.85	6135426
25.92	160.44	6988766
26.42	180.03	7842107
26.92	199.62	8695447
27.42	219.21	9548788
27.92	238.80	10402128
28.42	258.39	11255468
28.92	277.98	12108809

Comment:

Node: ND26

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.23 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.73	0.00	0
21.23	0.45	19602
21.73	2.84	123710
22.23	7.29	317552
22.73	13.59	591980
23.23	20.18	879041
23.73	26.78	1166537
24.23	33.37	1453597
24.73	39.97	1741093
25.23	46.56	2028154
25.73	53.16	2315650
26.23	59.75	2602710
26.73	66.35	2890206
27.23	72.94	3177266
27.73	79.54	3464762
28.23	86.13	3751823
28.73	92.73	4039319
29.23	99.32	4326379

Comment:

Node: ND27

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.38 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.88	0.00	0
21.38	1.15	50094
21.88	5.39	234788
22.38	9.92	432115
22.88	14.45	629442
23.38	18.98	826769
23.88	23.51	1024096
24.38	28.04	1221422
24.88	32.57	1418749
25.38	37.10	1616076
25.88	41.63	1813403
26.38	46.16	2010730
26.88	50.69	2208056
27.38	55.22	2405383
27.88	59.75	2602710
28.38	64.28	2800037
28.88	68.81	2997364
29.38	73.34	3194690

Comment:

Node: ND28

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.81	0.00	0
21.31	0.10	4356
21.81	1.75	76230
22.31	5.40	235224
22.81	11.06	481774
23.31	18.34	798890
23.81	25.76	1122106
24.31	33.19	1445756
24.81	40.61	1768972
25.31	48.04	2092622
25.81	55.46	2415838

Stage [ft]	Volume [ac-ft]	Volume [ft3]
26.31	62.89	2739488
26.81	70.31	3062704
27.31	77.74	3386354
27.81	85.16	3709570
28.31	92.59	4033220
28.81	100.01	4356436
29.31	107.44	4680086
29.81	114.86	5003302

Comment:

Node: ND29

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.43 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.43	0.00	0
21.63	0.64	27878
21.83	2.58	112385
22.03	5.80	252648
22.23	10.32	449539
22.43	16.12	702187
22.63	23.22	1011463
22.83	31.37	1366477
23.03	39.63	1726283
23.23	47.88	2085653
23.43	56.14	2445458
23.63	64.40	2805264
23.83	72.65	3164634
24.03	80.91	3524440
24.23	89.16	3883810
24.43	97.42	4243615
24.63	105.68	4603421
24.83	113.93	4962791
25.03	122.19	5322596

Comment:

Node: ND30

Scenario: PRE BASINS
 Type: Stage/Volume

Base Flow: 0.00 cfs
 Initial Stage: 20.67 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.67	0.00	0
21.17	0.88	38333
21.67	4.88	212573
22.17	12.11	527512
22.67	22.57	983149
23.17	34.88	1519373
23.67	47.20	2056032
24.17	59.53	2593127
24.67	71.85	3129786
25.17	84.18	3666881
25.67	96.50	4203540
26.17	108.83	4740635
26.67	121.15	5277294
27.17	133.48	5814389
27.67	145.80	6351048
28.17	158.13	6888143
28.67	170.45	7424802
29.17	182.78	7961897
29.67	195.10	8498556

Comment:

Node: ND31

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.32 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.82	0.00	0
22.32	0.22	9583
22.82	1.47	64033
23.32	3.80	165528
23.82	7.00	304920
24.32	10.27	447361
24.82	13.54	589802
25.32	16.81	732244
25.82	20.08	874685
26.32	23.35	1017126
26.82	26.62	1159567
27.32	29.89	1302008

Stage [ft]	Volume [ac-ft]	Volume [ft3]
27.82	33.16	1444450
28.32	36.43	1586891
28.82	39.70	1729332
29.32	42.97	1871773
29.82	46.24	2014214
30.32	49.51	2156656

Comment:

Node: ND32

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.02	0.00	0
22.22	0.02	871
22.42	0.15	6534
22.62	0.40	17424
22.82	0.75	32670
23.02	1.10	47916
23.22	1.46	63598
23.42	1.82	79279
23.62	2.17	94525
23.82	2.53	110207
24.02	2.88	125453
24.22	3.24	141134
24.42	3.60	156816
24.62	3.95	172062
24.82	4.31	187744
25.02	4.66	202990
25.22	5.02	218671
25.42	5.38	234353
25.62	5.73	249599

Comment:

Node: ND33

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.42 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.42	0.00	0
20.92	0.07	3049
21.42	1.99	86684
21.92	6.51	283576
22.42	13.62	593287
22.92	23.32	1015819
23.42	35.62	1551607
23.92	49.60	2160576
24.42	63.61	2770852
24.92	77.62	3381127
25.42	91.63	3991403
25.92	105.64	4601678
26.42	119.65	5211954
26.92	133.66	5822230
27.42	147.67	6432505
27.92	161.68	7042781
28.42	175.69	7653056
28.92	189.70	8263332
29.42	203.71	8873608

Comment:

Node: ND34

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.95 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.95	0.00	0
21.45	1.48	64469
21.95	8.75	381150
22.45	22.07	961369
22.95	39.00	1698840
23.45	55.95	2437182
23.95	72.91	3175960
24.45	89.86	3914302
24.95	106.82	4653079
25.45	123.77	5391421
25.95	140.73	6130199
26.45	157.68	6868541
26.95	174.64	7607318
27.45	191.59	8345660

Stage [ft]	Volume [ac-ft]	Volume [ft3]
27.95	208.55	9084438
28.45	225.50	9822780
28.95	242.46	10561558

Comment:

Node: ND35

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	0.00	0
21.10	0.04	1742
21.60	1.49	64904
22.10	5.02	218671
22.60	10.58	460865
23.10	16.81	732244
23.60	23.03	1003187
24.10	29.26	1274566
24.60	35.48	1545509
25.10	41.71	1816888
25.60	47.93	2087831
26.10	54.16	2359210
26.60	60.38	2630153
27.10	66.61	2901532
27.60	72.83	3172475
28.10	79.06	3443854
28.60	85.28	3714797
29.10	91.51	3986176
29.60	97.73	4257119

Comment:

Node: ND36

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	0.00	0
20.80	0.11	4792
21.00	0.43	18731
21.20	0.97	42253
21.40	1.72	74923
21.60	2.66	115870
21.80	3.62	157687
22.00	4.59	199940
22.20	5.55	241758
22.40	6.52	284011
22.60	7.49	326264
22.80	8.45	368082
23.00	9.42	410335
23.20	10.38	452153
23.40	11.35	494406
23.60	12.32	536659
23.80	13.28	578477
24.00	14.25	620730
24.20	15.21	662548

Comment:

Node: ND37

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.80	0.00	0
21.00	0.19	8276
21.20	0.76	33106
21.40	1.70	74052
21.60	3.03	131987
21.80	4.73	206039
22.00	6.81	296644
22.20	9.27	403801
22.40	12.11	527512
22.60	15.28	665597
22.80	18.49	805424
23.00	21.71	945688
23.20	24.92	1085515
23.40	28.14	1225778
23.60	31.36	1366042
23.80	34.57	1505869

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.00	37.79	1646132
24.20	41.00	1785960

Comment:

Node: ND38

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.10	0.00	0
21.60	0.06	2614
22.10	0.19	8276
22.60	0.33	14375
23.10	0.46	20038
23.60	0.60	26136
24.10	0.73	31799
24.60	0.87	37897
25.10	1.00	43560
25.60	1.14	49658
26.10	1.27	55321
26.60	1.41	61420
27.10	1.54	67082
27.60	1.68	73181
28.10	1.81	78844
28.60	1.95	84942
29.10	2.08	90605
29.60	2.22	96703

Comment:

Node: ND39

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	0.00	0
20.80	0.45	19602

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.00	1.80	78408
21.20	4.04	175982
21.40	7.18	312761
21.60	11.11	483952
21.80	15.15	659934
22.00	19.19	835916
22.20	23.23	1011899
22.40	27.27	1187881
22.60	31.31	1363864
22.80	35.35	1539846
23.00	39.39	1715828
23.20	43.43	1891811
23.40	47.47	2067793
23.60	51.51	2243776
23.80	55.55	2419758
24.00	59.59	2595740
24.20	63.63	2771723

Comment:

Node: ND41

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.74	0.00	0
20.94	0.25	10890
21.14	1.46	63598
21.34	3.69	160736
21.54	6.92	301435
21.74	11.17	486565
21.94	16.43	715691
22.14	22.70	988812
22.34	29.98	1305929
22.54	38.25	1666170
22.74	46.85	2040786
22.94	55.44	2414966
23.14	64.04	2789582
23.34	72.63	3163763
23.54	81.23	3538379
23.74	89.83	3912995
23.94	98.42	4287175
24.14	107.02	4661791

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.34	115.61	5035972

Comment:

Node: ND42

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.61 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.61	0.00	0
21.81	0.16	6970
22.01	0.61	26572
22.21	1.18	51401
22.41	1.76	76666
22.61	2.34	101930
22.81	2.91	126760
23.01	3.49	152024
23.21	4.07	177289
23.41	4.65	202554
23.61	5.22	227383
23.81	5.80	252648
24.01	6.38	277913
24.21	6.95	302742
24.41	7.53	328007
24.61	8.11	353272
24.81	8.68	378101
25.01	9.26	403366
25.21	9.84	428630

Comment:

Node: ND43

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.52	0.00	0
21.02	0.10	4356

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.52	0.68	29621
22.02	1.77	77101
22.52	3.08	134165
23.02	4.40	191664
23.52	5.72	249163
24.02	7.04	306662
24.52	8.36	364162
25.02	9.68	421661
25.52	10.99	478724
26.02	12.31	536224
26.52	13.63	593723
27.02	14.95	651222
27.52	16.27	708721
28.02	17.59	766220
28.52	18.90	823284
29.02	20.22	880783

Comment:

Node: ND44

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.16 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.56	0.00	0
21.76	0.08	3485
21.96	1.52	66211
22.16	4.77	207781
22.36	9.82	427759
22.56	16.59	722660
22.76	23.80	1036728
22.96	31.01	1350796
23.16	38.22	1664863
23.36	45.43	1978931
23.56	52.65	2293434
23.76	59.86	2607502
23.96	67.07	2921569
24.16	74.28	3235637
24.36	81.49	3549704
24.56	88.70	3863772
24.76	95.92	4178275

Comment:

Node: ND45

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.00 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.00	0.00	0
21.50	2.17	94525
22.00	8.66	377230
22.50	19.49	848984
23.00	33.87	1475377
23.50	48.60	2117016
24.00	63.32	2758219
24.50	78.05	3399858
25.00	92.78	4041497
25.50	107.50	4682700
26.00	122.23	5324339
26.50	136.95	5965542
27.00	151.68	6607181
27.50	166.41	7248820
28.00	181.13	7890023
28.50	195.86	8531662
29.00	210.59	9173300

Comment:

Node: ND46

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.82 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.22	0.00	0
22.42	0.03	1307
22.62	0.30	13068
22.82	0.61	26572
23.02	0.91	39640
23.22	1.22	53143
23.42	1.52	66211
23.62	1.83	79715
23.82	2.14	93218
24.02	2.44	106286
24.22	2.75	119790

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.42	3.06	133294
24.62	3.36	146362
24.82	3.67	159865
25.02	3.98	173369
25.22	4.28	186437
25.42	4.59	199940

Comment:

Node: ND47

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.77 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.97	0.00	0
21.17	0.08	3485
21.37	0.38	16553
21.57	0.91	39640
21.77	1.65	71874
21.97	2.62	114127
22.17	3.82	166399
22.37	5.21	226948
22.57	6.65	289674
22.77	8.09	352400
22.97	9.53	415127
23.17	10.97	477853
23.37	12.41	540580
23.57	13.84	602870
23.77	15.28	665597
23.97	16.72	728323
24.17	18.16	791050
24.37	19.60	853776

Comment:

Node: ND48

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.66 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.66	0.00	0
22.16	0.56	24394
22.66	2.41	104980
23.16	4.32	188179
23.66	6.23	271379
24.16	8.14	354578
24.66	10.05	437778
25.16	11.96	520978
25.66	13.87	604177
26.16	15.78	687377
26.66	17.70	771012
27.16	19.61	854212
27.66	21.52	937411
28.16	23.43	1020611
28.66	25.34	1103810
29.16	27.25	1187010
29.66	29.16	1270210

Comment:

Node: ND49

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.69 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.29	0.00	0
21.49	0.07	3049
21.69	0.39	16988
21.89	0.99	43124
22.09	1.85	80586
22.29	2.89	125888
22.49	3.93	171191
22.69	4.97	216493
22.89	6.02	262231
23.09	7.06	307534
23.29	8.10	352836
23.49	9.14	398138
23.69	10.18	443441
23.89	11.23	489179
24.09	12.27	534481
24.29	13.31	579784

Comment:

Node: ND50

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.84 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.84	0.00	0
22.34	0.59	25700
22.84	1.46	63598
23.34	2.33	101495
23.84	3.20	139392
24.34	4.07	177289
24.84	4.93	214751
25.34	5.80	252648
25.84	6.67	290545
26.34	7.54	328442
26.84	8.41	366340
27.34	9.28	404237
27.84	10.15	442134
28.34	11.02	480031
28.84	11.88	517493
29.34	12.75	555390
29.84	13.62	593287

Comment:

Node: ND51

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.10 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.10	0.00	0
21.30	0.02	871
21.50	0.22	9583
21.70	0.62	27007
21.90	1.21	52708
22.10	1.95	84942
22.30	2.70	117612

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.50	3.45	150282
22.70	4.20	182952
22.90	4.95	215622
23.10	5.70	248292
23.30	6.45	280962
23.50	7.20	313632
23.70	7.95	346302
23.90	8.70	378972
24.10	9.45	411642
24.30	10.20	444312
24.50	10.95	476982
24.70	11.70	509652

Comment:

Node: ND52

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.82 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.32	0.00	0
21.82	3.43	149411
22.32	8.47	368953
22.82	13.52	588931
23.32	18.56	808474
23.82	23.61	1028452
24.32	28.65	1247994
24.82	33.69	1467536
25.32	38.74	1687514
25.82	43.78	1907057
26.32	48.82	2126599
26.82	53.87	2346577
27.32	58.91	2566120
27.82	63.96	2786098
28.32	69.00	3005640
28.82	74.04	3225182
29.32	79.09	3445160
29.82	84.13	3664703

Comment:

Node: ND53

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.42 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.42	0.00	0
21.62	0.53	23087
21.82	3.69	160736
22.02	7.67	334105
22.22	11.66	507910
22.42	15.65	681714
22.62	19.63	855083
22.82	23.62	1028887
23.02	27.60	1202256
23.22	31.59	1376060
23.42	35.58	1549865
23.62	39.56	1723234
23.82	43.55	1897038
24.02	47.53	2070407
24.22	51.52	2244211
24.42	55.51	2418016
24.62	59.49	2591384
24.82	63.48	2765189
25.02	67.46	2938558

Comment:

Node: ND54

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.87 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.27	0.00	0
21.47	0.22	9583
21.67	1.05	45738
21.87	2.49	108464
22.07	4.44	193406
22.27	6.46	281398
22.47	8.48	369389
22.67	10.50	457380
22.87	12.52	545371

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.07	14.54	633362
23.27	16.56	721354
23.47	18.58	809345
23.67	20.60	897336
23.87	22.62	985327
24.07	24.64	1073318
24.27	26.66	1161310
24.47	28.68	1249301

Comment:

Node: ND55

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.36 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.36	0.00	0
21.56	0.04	1742
21.76	0.14	6098
21.96	0.32	13939
22.16	0.53	23087
22.36	0.74	32234
22.56	0.95	41382
22.76	1.16	50530
22.96	1.37	59677
23.16	1.58	68825
23.36	1.79	77972
23.56	2.00	87120
23.76	2.21	96268
23.96	2.42	105415
24.16	2.63	114563
24.36	2.84	123710
24.56	3.05	132858
24.76	3.26	142006
24.96	3.48	151589

Comment:

Node: ND56

Scenario: PRE BASINS
 Type: Stage/Volume

Base Flow: 0.00 cfs
 Initial Stage: 21.77 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.97	0.00	0
22.17	0.06	2614
22.37	0.27	11761
22.57	0.65	28314
22.77	1.18	51401
22.97	1.88	81893
23.17	2.67	116305
23.37	3.47	151153
23.57	4.27	186001
23.77	5.07	220849
23.97	5.87	255697
24.17	6.66	290110
24.37	7.46	324958
24.57	8.26	359806
24.77	9.06	394654
24.97	9.86	429502
25.17	10.65	463914
25.37	11.45	498762

Comment:

Node: ND57

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.86 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.86	0.00	0
22.36	0.09	3920
22.86	0.52	22651
23.36	1.03	44867
23.86	1.55	67518
24.36	2.06	89734
24.86	2.57	111949
25.36	3.09	134600
25.86	3.60	156816
26.36	4.11	179032
26.86	4.63	201683
27.36	5.14	223898
27.86	5.65	246114

Stage [ft]	Volume [ac-ft]	Volume [ft3]
28.36	6.17	268765
28.86	6.68	290981
29.36	7.19	313196
29.86	7.71	335848

Comment:

Node: ND58

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.78	0.00	0
21.28	0.23	10019
21.78	1.80	78408
22.28	4.84	210830
22.78	9.34	406850
23.28	14.36	625522
23.78	19.38	844193
24.28	24.40	1062864
24.78	29.42	1281535
25.28	34.44	1500206
25.78	39.46	1718878
26.28	44.48	1937549
26.78	49.50	2156220
27.28	54.52	2374891
27.78	59.54	2593562
28.28	64.56	2812234
28.78	69.58	3030905
29.28	74.60	3249576

Comment:

Node: ND59

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.31	0.00	0
22.81	0.93	40511
23.31	3.20	139392
23.81	5.47	238273
24.31	7.74	337154
24.81	10.01	436036
25.31	12.28	534917
25.81	14.55	633798
26.31	16.82	732679
26.81	19.09	831560
27.31	21.36	930442
27.81	23.63	1029323
28.31	25.90	1128204
28.81	28.17	1227085
29.31	30.44	1325966
29.81	32.71	1424848

Comment:

Node: ND60

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.19 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.39	0.00	0
21.59	0.22	9583
21.79	2.32	101059
21.99	6.63	288803
22.19	13.14	572378
22.39	21.86	952222
22.59	32.79	1428332
22.79	45.75	1992870
22.99	59.11	2574832
23.19	72.47	3156793
23.39	85.83	3738755
23.59	99.19	4320716
23.79	112.55	4902678
23.99	125.91	5484640
24.19	139.27	6066601
24.39	152.62	6648127
24.59	165.98	7230089
24.79	179.34	7812050

Comment:

Node: ND61

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.63 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.63	0.00	0
22.13	1.72	74923
22.63	4.85	211266
23.13	7.99	348044
23.63	11.12	484387
24.13	14.25	620730
24.63	17.38	757073
25.13	20.51	893416
25.63	23.64	1029758
26.13	26.78	1166537
26.63	29.91	1302880
27.13	33.04	1439222
27.63	36.17	1575565
28.13	39.30	1711908
28.63	42.44	1848686

Comment:

Node: ND62

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.29 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.69	0.00	0
21.89	0.37	16117
22.09	2.20	95832
22.29	5.00	217800
22.49	7.81	340204
22.69	10.63	463043
22.89	13.45	585882
23.09	16.26	708286
23.29	19.08	831125

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.49	21.90	953964
23.69	24.71	1076368
23.89	27.53	1199207
24.09	30.34	1321610
24.29	33.16	1444450
24.49	35.98	1567289
24.69	38.79	1689692
24.89	41.61	1812532

Comment:

Node: ND63

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.14 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.54	0.00	0
21.74	0.18	7841
21.94	0.60	26136
22.14	1.17	50965
22.34	1.75	76230
22.54	2.32	101059
22.74	2.89	125888
22.94	3.46	150718
23.14	4.04	175982
23.34	4.61	200812
23.54	5.18	225641
23.74	5.75	250470
23.94	6.33	275735
24.14	6.90	300564
24.34	7.47	325393
24.54	8.04	350222
24.74	8.62	375487

Comment:

Node: ND64

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.16 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.36	0.00	0
21.56	0.01	436
21.76	0.20	8712
21.96	0.64	27878
22.16	1.32	57499
22.36	2.23	97139
22.56	3.19	138956
22.76	4.14	180338
22.96	5.10	222156
23.16	6.06	263974
23.36	7.02	305791
23.56	7.98	347609
23.76	8.93	388991
23.96	9.89	430808
24.16	10.85	472626
24.36	11.81	514444
24.56	12.77	556261
24.76	13.72	597643

Comment:

Node: ND65

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.12 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.12	0.00	0
22.32	0.12	5227
22.52	0.49	21344
22.72	0.93	40511
22.92	1.37	59677
23.12	1.81	78844
23.32	2.25	98010
23.52	2.69	117176
23.72	3.13	136343
23.92	3.57	155509
24.12	4.01	174676
24.32	4.45	193842
24.52	4.90	213444
24.72	5.34	232610
24.92	5.78	251777

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.12	6.22	270943
25.32	6.66	290110
25.52	7.10	309276
25.72	7.54	328442

Comment:

Node: ND66

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.67 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.67	0.00	0
21.87	0.57	24829
22.07	1.34	58370
22.27	2.11	91912
22.47	2.87	125017
22.67	3.64	158558
22.87	4.40	191664
23.07	5.17	225205
23.27	5.94	258746
23.47	6.70	291852
23.67	7.47	325393
23.87	8.23	358499
24.07	9.00	392040
24.27	9.77	425581
24.47	10.53	458687
24.67	11.30	492228
24.87	12.06	525334
25.07	12.83	558875
25.27	13.60	592416

Comment:

Node: ND67

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.02	0.00	0
22.52	1.83	79715
23.02	5.09	221720
23.52	8.36	364162
24.02	11.62	506167
24.52	14.89	648608
25.02	18.15	790614
25.52	21.41	932620
26.02	24.68	1075061
26.52	27.94	1217066
27.02	31.21	1359508
27.52	34.47	1501513
28.02	37.73	1643519
28.52	41.00	1785960
29.02	44.26	1927966
29.52	47.53	2070407
30.02	50.79	2212412

Comment:

Node: ND68

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.46	0.00	0
22.66	0.31	13504
22.86	1.08	47045
23.06	1.86	81022
23.26	2.65	115434
23.46	3.43	149411
23.66	4.21	183388
23.86	5.00	217800
24.06	5.78	251777
24.26	6.57	286189
24.46	7.35	320166
24.66	8.13	354143
24.86	8.92	388555
25.06	9.70	422532
25.26	10.49	456944
25.46	11.27	490921
25.66	12.06	525334
25.86	12.84	559310

Stage [ft]	Volume [ac-ft]	Volume [ft3]
26.06	13.62	593287

Comment:

Node: ND69

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.25	0.00	0
22.45	0.24	10454
22.65	0.78	33977
22.85	1.32	57499
23.05	1.87	81457
23.25	2.41	104980
23.45	2.95	128502
23.65	3.50	152460
23.85	4.04	175982
24.05	4.59	199940
24.25	5.13	223463
24.45	5.68	247421
24.65	6.22	270943
24.85	6.77	294901
25.05	7.31	318424
25.25	7.86	342382
25.45	8.40	365904
25.65	8.95	389862
25.85	9.49	413384

Comment:

Node: ND70

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.48 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.48	0.00	0
22.68	0.10	4356

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.88	0.37	16117
23.08	0.63	27443
23.28	0.90	39204
23.48	1.17	50965
23.68	1.43	62291
23.88	1.70	74052
24.08	1.97	85813
24.28	2.24	97574
24.48	2.50	108900
24.68	2.77	120661
24.88	3.04	132422
25.08	3.30	143748
25.28	3.57	155509
25.48	3.84	167270
25.68	4.10	178596
25.88	4.37	190357
26.08	4.64	202118

Comment:

Node: ND71

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.24	0.00	0
22.44	0.06	2614
22.64	0.38	16553
22.84	0.90	39204
23.04	1.44	62726
23.24	1.98	86249
23.44	2.51	109336
23.64	3.05	132858
23.84	3.59	156380
24.04	4.13	179903
24.24	4.67	203425
24.44	5.20	226512
24.64	5.74	250034
24.84	6.28	273557
25.04	6.82	297079

Comment:

Node: ND72

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.41 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.01	0.00	0
22.21	0.10	4356
22.41	0.39	16988
22.61	0.87	37897
22.81	1.51	65776
23.01	2.17	94525
23.21	2.84	123710
23.41	3.50	152460
23.61	4.17	181645
23.81	4.83	210395
24.01	5.49	239144
24.21	6.16	268330
24.41	6.82	297079
24.61	7.48	325829
24.81	8.15	355014
25.01	8.81	383764

Comment:

Node: ND73

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.39 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.39	0.00	0
21.59	2.37	103237
21.79	3.74	162914
21.99	5.12	223027
22.19	6.49	282704
22.39	7.87	342817
22.59	9.24	402494
22.79	10.62	462607
22.99	11.99	522284
23.19	13.36	581962
23.39	14.74	642074
23.59	16.11	701752

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.79	17.49	761864
23.99	18.86	821542
24.19	20.24	881654
24.39	21.61	941332
24.59	22.98	1001009
24.79	24.36	1061122
24.99	25.73	1120799

Comment:

Node: ND74

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.28	0.00	0
21.78	0.13	5663
22.28	0.49	21344
22.78	0.85	37026
23.28	1.20	52272
23.78	1.56	67954
24.28	1.92	83635
24.78	2.28	99317
25.28	2.64	114998
25.78	3.00	130680
26.28	3.35	145926
26.78	3.71	161608
27.28	4.07	177289
27.78	4.43	192971
28.28	4.79	208652
28.78	5.15	224334
29.28	5.50	239580

Comment:

Node: ND75

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.22 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.22	0.00	0
22.42	0.54	23522
22.62	1.21	52708
22.82	1.88	81893
23.02	2.55	111078
23.22	3.22	140263
23.42	3.89	169448
23.62	4.57	199069
23.82	5.24	228254
24.02	5.91	257440
24.22	6.58	286625
24.42	7.25	315810
24.62	7.92	344995
24.82	8.59	374180
25.02	9.27	403801
25.22	9.94	432986
25.42	10.61	462172
25.62	11.28	491357
25.82	11.95	520542

Comment:

Node: ND76

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.73 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.23	0.00	0
21.73	0.73	31799
22.23	7.35	320166
22.73	20.86	908662
23.23	40.54	1765922
23.73	61.23	2667179
24.23	81.91	3568000
24.73	102.60	4469256
25.23	123.29	5370512
25.73	143.97	6271333
26.23	164.66	7172590
26.73	185.34	8073410
27.23	206.03	8974667
27.73	226.71	9875488
28.23	247.40	10776744

Stage [ft]	Volume [ac-ft]	Volume [ft3]
28.73	268.08	11677565
29.23	288.77	12578821
29.73	309.45	13479642

Comment:

Node: ND77

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.86 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.36	0.00	0
21.86	0.46	20038
22.36	2.62	114127
22.86	6.55	285318
23.36	12.25	533610
23.86	19.73	859439
24.36	28.51	1241896
24.86	37.37	1627837
25.36	46.22	2013343
25.86	55.08	2399285
26.36	63.93	2784791
26.86	72.79	3170732
27.36	81.64	3556238
27.86	90.50	3942180
28.36	99.35	4327686
28.86	108.21	4713628
29.36	117.06	5099134
29.86	125.92	5485075

Comment:

Node: ND78

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.72 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.92	0.00	0

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.12	0.02	871
22.32	0.12	5227
22.52	0.31	13504
22.72	0.59	25700
22.92	0.97	42253
23.12	1.43	62291
23.32	1.99	86684
23.52	2.64	114998
23.72	3.38	147233
23.92	4.21	183388
24.12	5.12	223027
24.32	6.03	262667
24.52	6.95	302742
24.72	7.86	342382
24.92	8.77	382021
25.12	9.69	422096
25.32	10.60	461736

Comment:

Node: ND79

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.96 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.96	0.00	0
22.16	0.03	1307
22.36	0.14	6098
22.56	0.33	14375
22.76	0.62	27007
22.96	0.98	42689
23.16	1.44	62726
23.36	1.97	85813
23.56	2.60	113256
23.76	3.31	144184
23.96	4.10	178596
24.16	4.95	215622
24.36	5.81	253084
24.56	6.66	290110
24.76	7.52	327571
24.96	8.37	364597
25.16	9.22	401623
25.36	10.08	439085

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.56	10.93	476111

Comment:

Node: ND80

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.31 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.31	0.00	0
22.51	0.02	871
22.71	0.10	4356
22.91	0.22	9583
23.11	0.39	16988
23.31	0.62	27007
23.51	0.89	38768
23.71	1.21	52708
23.91	1.58	68825
24.11	1.99	86684
24.31	2.40	104544
24.51	2.82	122839
24.71	3.23	140699
24.91	3.65	158994
25.11	4.07	177289
25.31	4.48	195149
25.51	4.90	213444
25.71	5.31	231304
25.91	5.73	249599

Comment:

Node: ND81

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.66 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.86	0.00	0
22.06	0.01	436

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.26	0.17	7405
22.46	0.54	23522
22.66	1.11	48352
22.86	1.89	82328
23.06	2.87	125017
23.26	4.05	176418
23.46	5.44	236966
23.66	7.04	306662
23.86	8.84	385070
24.06	10.83	471755
24.26	12.87	560617
24.46	14.92	649915
24.66	16.96	738778
24.86	19.00	827640
25.06	21.05	916938
25.26	23.09	1005800

Comment:

Node: ND82

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.14 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.14	0.00	0
22.34	0.14	6098
22.54	0.57	24829
22.74	1.28	55757
22.94	2.27	98881
23.14	3.54	154202
23.34	5.10	222156
23.54	6.95	302742
23.74	9.07	395089
23.94	11.49	500504
24.14	14.11	614632
24.34	16.75	729630
24.54	19.38	844193
24.74	22.02	959191
24.94	24.66	1074190
25.14	27.30	1189188
25.34	29.93	1303751
25.54	32.57	1418749
25.74	35.21	1533748

Comment:

Node: ND83

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.21 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.41	0.00	0
22.61	0.04	1742
22.81	0.32	13939
23.01	0.87	37897
23.21	1.69	73616
23.41	2.78	121097
23.61	4.14	180338
23.81	5.77	251341
24.01	7.66	333670
24.21	9.68	421661
24.41	11.69	509216
24.61	13.71	597208
24.81	15.73	685199
25.01	17.74	772754
25.21	19.76	860746
25.41	21.77	948301
25.61	23.79	1036292
25.81	25.81	1124284

Comment:

Node: ND84

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.90 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.50	0.00	0
22.70	0.07	3049
22.90	1.86	81022
23.10	5.72	249163
23.30	9.87	429937

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.50	14.03	611147
23.70	18.19	792356
23.90	22.35	973566
24.10	26.50	1154340
24.30	30.66	1335550
24.50	34.82	1516759
24.70	38.97	1697533
24.90	43.13	1878743
25.10	47.29	2059952
25.30	51.45	2241162
25.50	55.60	2421936

Comment:

Node: ND85

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.47 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.87	0.00	0
21.27	0.02	871
21.67	0.73	31799
22.07	2.48	108029
22.47	4.59	199940
22.87	6.70	291852
23.27	8.82	384199
23.67	10.93	476111
24.07	13.04	568022
24.47	15.15	659934
24.87	17.26	751846
25.27	19.38	844193
25.67	21.49	936104
26.07	23.60	1028016
26.47	25.71	1119928
26.87	27.82	1211839
27.27	29.93	1303751
27.67	32.05	1396098

Comment:

Node: ND86

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.71 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.71	0.00	0
22.21	0.08	3485
22.71	0.87	37897
23.21	2.08	90605
23.71	3.28	142877
24.21	4.49	195584
24.71	5.70	248292
25.21	6.90	300564
25.71	8.11	353272
26.21	9.32	405979
26.71	10.53	458687
27.21	11.73	510959
27.71	12.94	563666
28.21	14.15	616374
28.71	15.35	668646
29.21	16.56	721354
29.71	17.77	774061

Comment:

Node: ND87

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.55	0.00	0
21.85	0.16	6970
22.15	0.54	23522
22.45	0.99	43124
22.75	1.45	63162
23.05	1.91	83200
23.35	2.37	103237
23.65	2.83	123275
23.95	3.29	143312
24.25	3.75	163350
24.55	4.21	183388
24.85	4.67	203425

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.15	5.13	223463
25.45	5.58	243065
25.75	6.04	263102
26.05	6.50	283140
26.35	6.96	303178
26.65	7.42	323215

Comment:

Node: ND88

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.18 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.78	0.00	0
22.08	0.01	436
22.38	0.25	10890
22.68	0.79	34412
22.98	1.64	71438
23.28	2.66	115870
23.58	3.68	160301
23.88	4.70	204732
24.18	5.73	249599
24.48	6.75	294030
24.78	7.77	338461
25.08	8.79	382892
25.38	9.82	427759
25.68	10.84	472190
25.98	11.86	516622
26.28	12.89	561488
26.58	13.91	605920

Comment:

Node: ND89

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.99 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.99	0.00	0
22.49	1.51	65776
22.99	6.15	267894
23.49	12.43	541451
23.99	18.70	814572
24.49	24.98	1088129
24.99	31.25	1361250
25.49	37.53	1634807
25.99	43.80	1907928
26.49	50.08	2181485
26.99	56.36	2455042
27.49	62.63	2728163
27.99	68.91	3001720
28.49	75.18	3274841
28.99	81.46	3548398
29.49	87.73	3821519
29.99	94.01	4095076

Comment:

Node: ND90

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.78 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.78	0.00	0
21.98	0.03	1307
22.18	0.11	4792
22.38	0.25	10890
22.58	0.44	19166
22.78	0.69	30056
22.98	0.99	43124
23.18	1.33	57935
23.38	1.67	72745
23.58	2.01	87556
23.78	2.34	101930
23.98	2.68	116741
24.18	3.02	131551
24.38	3.35	145926
24.58	3.69	160736
24.78	4.03	175547
24.98	4.36	189922
25.18	4.70	204732

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.38	5.04	219542

Comment:

Node: ND91

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.41 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.01	0.00	0
22.21	0.08	3485
22.41	0.31	13504
22.61	0.70	30492
22.81	1.23	53579
23.01	1.91	83200
23.21	2.66	115870
23.41	3.41	148540
23.61	4.15	180774
23.81	4.90	213444
24.01	5.65	246114
24.21	6.40	278784
24.41	7.15	311454
24.61	7.90	344124
24.81	8.65	376794
25.01	9.39	409028

Comment:

Node: ND92

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.03 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.03	0.00	0
21.53	0.11	4792
22.03	1.11	48352
22.53	3.12	135907
23.03	5.41	235660

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.53	7.71	335848
24.03	10.00	435600
24.53	12.29	535352
25.03	14.58	635105
25.53	16.88	735293
26.03	19.17	835045
26.53	21.46	934798
27.03	23.76	1034986
27.53	26.05	1134738
28.03	28.34	1234490
28.53	30.64	1334678
29.03	32.93	1434431

Comment:

Node: ND93

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.84 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.24	0.00	0
22.44	0.02	871
22.64	0.11	4792
22.84	0.28	12197
23.04	0.52	22651
23.24	0.79	34412
23.44	1.06	46174
23.64	1.33	57935
23.84	1.60	69696
24.04	1.87	81457
24.24	2.14	93218
24.44	2.41	104980
24.64	2.67	116305
24.84	2.94	128066
25.04	3.21	139828
25.24	3.48	151589
25.44	3.75	163350

Comment:

Node: ND94

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.74	0.00	0
22.24	0.19	8276
22.74	1.81	78844
23.24	4.90	213444
23.74	8.21	357628
24.24	11.52	501811
24.74	14.84	646430
25.24	18.15	790614
25.74	21.46	934798
26.24	24.77	1078981
26.74	28.08	1223165
27.24	31.39	1367348
27.74	34.70	1511532
28.24	38.02	1656151
28.74	41.33	1800335
29.24	44.64	1944518
29.74	47.95	2088702

Comment:

Node: ND95

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.15 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.15	0.00	0
20.65	0.02	871
21.15	2.32	101059
21.65	7.50	326700
22.15	12.86	560182
22.65	18.22	793663
23.15	23.58	1027145
23.65	28.94	1260626
24.15	34.30	1494108
24.65	39.66	1727590
25.15	45.02	1961071
25.65	50.38	2194553

Stage [ft]	Volume [ac-ft]	Volume [ft3]
26.15	55.73	2427599
26.65	61.09	2661080
27.15	66.45	2894562
27.65	71.81	3128044
28.15	77.17	3361525
28.65	82.53	3595007
29.15	87.89	3828488

Comment:

Node: ND96

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.96	0.00	0
21.46	0.18	7841
21.96	0.76	33106
22.46	1.59	69260
22.96	2.42	105415
23.46	3.25	141570
23.96	4.08	177725
24.46	4.91	213880
24.96	5.74	250034
25.46	6.57	286189
25.96	7.40	322344
26.46	8.23	358499
26.96	9.06	394654
27.46	9.89	430808
27.96	10.72	466963
28.46	11.55	503118
28.96	12.38	539273
29.46	13.21	575428

Comment:

Node: ND97

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.85 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.85	0.00	0
21.35	0.25	10890
21.85	1.48	64469
22.35	3.70	161172
22.85	6.26	272686
23.35	8.81	383764
23.85	11.36	494842
24.35	13.92	606355
24.85	16.47	717433
25.35	19.02	828511
25.85	21.58	940025
26.35	24.13	1051103
26.85	26.68	1162181
27.35	29.24	1273694
27.85	31.79	1384772
28.35	34.35	1496286
28.85	36.90	1607364

Comment:

Node: ND98

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.78	0.00	0
20.28	0.40	17424
20.78	3.07	133729
21.28	8.11	353272
21.78	13.67	595465
22.28	19.23	837659
22.78	24.78	1079417
23.28	30.34	1321610
23.78	35.90	1563804
24.28	41.46	1805998
24.78	47.01	2047756
25.28	52.57	2289949
25.78	58.13	2532143
26.28	63.68	2773901
26.78	69.24	3016094
27.28	74.80	3258288

Stage [ft]	Volume [ac-ft]	Volume [ft3]
27.78	80.36	3500482
28.28	85.91	3742240

Comment:

Node: ND99

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.69 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.19	0.00	0
20.69	0.09	3920
21.19	1.20	52272
21.69	2.32	101059
22.19	3.43	149411
22.69	4.54	197762
23.19	5.66	246550
23.69	6.77	294901
24.19	7.89	343688
24.69	9.00	392040
25.19	10.11	440392
25.69	11.23	489179
26.19	12.34	537530
26.69	13.46	586318
27.19	14.57	634669
27.69	15.68	683021
28.19	16.80	731808
28.69	17.91	780160

Comment:

Node: NWL01

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.44	0.00	0
21.64	0.09	3920

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.84	0.21	9148
22.04	0.36	15682
22.24	0.54	23522
22.44	0.76	33106
22.64	0.99	43124
22.84	1.23	53579
23.04	1.47	64033
23.24	1.71	74488
23.44	1.94	84506
23.64	2.18	94961
23.84	2.42	105415
24.04	2.66	115870
24.24	2.90	126324
24.44	3.13	136343
24.64	3.37	146797
24.84	3.61	157252
25.04	3.85	167706

Comment:

Node: NWL02

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.81	0.00	0
22.01	1.41	61420
22.21	2.92	127195
22.41	4.52	196891
22.61	6.22	270943
22.81	8.01	348916
23.01	9.90	431244
23.21	11.83	515315
23.41	13.76	599386
23.61	15.69	683456
23.81	17.62	767527
24.01	19.55	851598
24.21	21.48	935669
24.41	23.41	1019740
24.61	25.34	1103810
24.81	27.27	1187881
25.01	29.20	1271952
25.21	31.13	1356023

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.41	33.06	1440094

Comment:

Node: NWL03

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.70 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.70	0.00	0
22.90	0.14	6098
23.10	0.37	16117
23.30	0.62	27007
23.50	0.87	37897
23.70	1.11	48352
23.90	1.36	59242
24.10	1.60	69696
24.30	1.85	80586
24.50	2.10	91476
24.70	2.34	101930
24.90	2.59	112820
25.10	2.83	123275
25.30	3.08	134165
25.50	3.33	145055
25.70	3.57	155509
25.90	3.82	166399
26.10	4.06	176854
26.30	4.31	187744

Comment:

Node: NWL06

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.56 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.56	0.00	0
22.76	1.80	78408

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.96	4.06	176854
23.16	6.65	289674
23.36	9.24	402494
23.56	11.83	515315
23.76	14.42	628135
23.96	17.02	741391
24.16	19.61	854212
24.36	22.20	967032
24.56	24.79	1079852
24.76	27.38	1192673
24.96	29.98	1305929
25.16	32.57	1418749
25.36	35.16	1531570
25.56	37.75	1644390
25.76	40.34	1757210
25.96	42.94	1870466
26.16	45.53	1983287

Comment:

Node: NWL07

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.87 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.87	0.00	0
22.07	0.17	7405
22.27	0.36	15682
22.47	0.56	24394
22.67	0.78	33977
22.87	1.01	43996
23.07	1.26	54886
23.27	1.52	66211
23.47	1.77	77101
23.67	2.03	88427
23.87	2.28	99317
24.07	2.53	110207
24.27	2.79	121532
24.47	3.04	132422
24.67	3.30	143748
24.87	3.55	154638
25.07	3.80	165528
25.27	4.06	176854

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.47	4.31	187744

Comment:

Node: NWL08

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.25	0.23	10019
22.45	1.75	76230
22.65	3.42	148975
22.85	5.23	227819
23.05	7.08	308405
23.25	8.94	389426
23.45	10.79	470012
23.65	12.65	551034
23.85	14.50	631620
24.05	16.35	712206
24.25	18.21	793228
24.45	20.06	873814
24.65	21.92	954835
24.85	23.77	1035421
25.05	25.62	1116007
25.25	27.48	1197029
25.45	29.33	1277615
25.65	31.19	1358636
25.85	33.04	1439222

Comment:

Node: NWL09

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.74	0.01	436
21.94	0.07	3049

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.14	0.17	7405
22.34	0.30	13068
22.54	0.43	18731
22.74	0.55	23958
22.94	0.68	29621
23.14	0.81	35284
23.34	0.94	40946
23.54	1.07	46609
23.74	1.19	51836
23.94	1.32	57499
24.14	1.45	63162
24.34	1.58	68825
24.54	1.71	74488
24.74	1.83	79715
24.94	1.96	85378
25.14	2.09	91040
25.34	2.22	96703

Comment:

Node: NWL10

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.24 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.24	1.19	51836
22.44	2.99	130244
22.64	4.87	212137
22.84	6.83	297515
23.04	8.88	386813
23.24	11.00	479160
23.44	13.14	572378
23.64	15.29	666032
23.84	17.43	759251
24.04	19.58	852905
24.24	21.73	946559
24.44	23.87	1039777
24.64	26.02	1133431
24.84	28.16	1226650
25.04	30.31	1320304
25.24	32.46	1413958
25.44	34.60	1507176
25.64	36.75	1600830

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.84	38.89	1694048

Comment:

Node: NWL100

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.50 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.50	0.00	0
20.70	0.21	9148
20.90	0.53	23087
21.10	0.94	40946
21.30	1.38	60113
21.50	1.81	78844
21.70	2.24	97574
21.90	2.67	116305
22.10	3.10	135036
22.30	3.54	154202
22.50	3.97	172933
22.70	4.40	191664
22.90	4.83	210395
23.10	5.26	229126
23.30	5.70	248292
23.50	6.13	267023
23.70	6.56	285754
23.90	6.99	304484
24.10	7.42	323215

Comment:

Node: NWL101

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 18.71 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
18.71	0.00	0
18.91	0.04	1742

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.11	0.12	5227
19.31	0.26	11326
19.51	0.41	17860
19.71	0.56	24394
19.91	0.71	30928
20.11	0.86	37462
20.31	1.02	44431
20.51	1.17	50965
20.71	1.32	57499
20.91	1.47	64033
21.11	1.62	70567
21.31	1.78	77537
21.51	1.93	84071
21.71	2.08	90605
21.91	2.23	97139
22.11	2.38	103673
22.31	2.54	110642

Comment:

Node: NWL102

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.45 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.45	0.00	0
20.65	0.39	16988
20.85	0.82	35719
21.05	1.24	54014
21.25	1.66	72310
21.45	2.09	91040
21.65	2.51	109336
21.85	2.94	128066
22.05	3.36	146362
22.25	3.78	164657
22.45	4.21	183388
22.65	4.63	201683
22.85	5.06	220414
23.05	5.48	238709
23.25	5.90	257004
23.45	6.33	275735
23.65	6.75	294030
23.85	7.18	312761

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.05	7.60	331056

Comment:

Node: NWL103

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 18.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
18.81	0.00	0
19.01	0.10	4356
19.21	0.24	10454
19.41	0.43	18731
19.61	0.66	28750
19.81	0.89	38768
20.01	1.12	48787
20.21	1.36	59242
20.41	1.59	69260
20.61	1.83	79715
20.81	2.06	89734
21.01	2.29	99752
21.21	2.53	110207
21.41	2.76	120226
21.61	3.00	130680
21.81	3.23	140699
22.01	3.46	150718
22.21	3.70	161172
22.41	3.93	171191

Comment:

Node: NWL104

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.30 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.30	0.00	0
19.50	0.05	2178

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.70	0.13	5663
19.90	0.25	10890
20.10	0.39	16988
20.30	0.55	23958
20.50	0.70	30492
20.70	0.85	37026
20.90	1.00	43560
21.10	1.15	50094
21.30	1.31	57064
21.50	1.46	63598
21.70	1.61	70132
21.90	1.76	76666
22.10	1.91	83200
22.30	2.07	90169
22.50	2.22	96703
22.70	2.37	103237
22.90	2.52	109771

Comment:

Node: NWL105

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.44	0.00	0
19.64	0.26	11326
19.84	0.53	23087
20.04	0.81	35284
20.24	1.11	48352
20.44	1.41	61420
20.64	1.72	74923
20.84	2.04	88862
21.04	2.35	102366
21.24	2.67	116305
21.44	2.98	129809
21.64	3.29	143312
21.84	3.61	157252
22.04	3.92	170755
22.24	4.24	184694
22.44	4.55	198198
22.64	4.86	211702
22.84	5.18	225641

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.04	5.49	239144

Comment:

Node: NWL106

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.80 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.80	0.00	0
21.00	0.28	12197
21.20	0.60	26136
21.40	0.91	39640
21.60	1.23	53579
21.80	1.54	67082
22.00	1.85	80586
22.20	2.17	94525
22.40	2.48	108029
22.60	2.80	121968
22.80	3.11	135472
23.00	3.42	148975
23.20	3.74	162914
23.40	4.05	176418
23.60	4.37	190357
23.80	4.68	203861
24.00	4.99	217364
24.20	5.31	231304
24.40	5.62	244807

Comment:

Node: NWL107

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.36 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.36	0.00	0
20.56	0.29	12632

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.76	0.61	26572
20.96	0.92	40075
21.16	1.24	54014
21.36	1.55	67518
21.56	1.86	81022
21.76	2.18	94961
21.96	2.49	108464
22.16	2.80	121968
22.36	3.12	135907
22.56	3.43	149411
22.76	3.75	163350
22.96	4.06	176854
23.16	4.37	190357
23.36	4.69	204296
23.56	5.00	217800
23.76	5.32	231739
23.96	5.63	245243

Comment:

Node: NWL108

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.38 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.38	0.00	0
20.58	0.30	13068
20.78	0.61	26572
20.98	0.92	40075
21.18	1.24	54014
21.38	1.55	67518
21.58	1.87	81457
21.78	2.18	94961
21.98	2.49	108464
22.18	2.81	122404
22.38	3.12	135907
22.58	3.44	149846
22.78	3.75	163350
22.98	4.06	176854
23.18	4.38	190793
23.38	4.69	204296
23.58	5.01	218236
23.78	5.32	231739

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.98	5.63	245243

Comment:

Node: NWL109

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.35 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.35	0.00	0
21.55	0.37	16117
21.75	0.84	36590
21.95	1.30	56628
22.15	1.77	77101
22.35	2.24	97574
22.55	2.70	117612
22.75	3.17	138085
22.95	3.63	158123
23.15	4.10	178596
23.35	4.57	199069
23.55	5.03	219107
23.75	5.50	239580
23.95	5.96	259618
24.15	6.43	280091
24.35	6.90	300564
24.55	7.36	320602
24.75	7.83	341075
24.95	8.29	361112

Comment:

Node: NWL11

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.65	0.00	0
21.85	0.56	24394

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.05	1.18	51401
22.25	1.87	81457
22.45	2.62	114127
22.65	3.44	149846
22.85	4.32	188179
23.05	5.27	229561
23.25	6.29	273992
23.45	7.32	318859
23.65	8.35	363726
23.85	9.38	408593
24.05	10.42	453895
24.25	11.45	498762
24.45	12.48	543629
24.65	13.51	588496
24.85	14.54	633362
25.05	15.58	678665
25.25	16.61	723532

Comment:

Node: NWL110

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.20 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.20	0.00	0
20.40	0.68	29621
20.60	1.44	62726
20.80	2.29	99752
21.00	3.23	140699
21.20	4.26	185566
21.40	5.33	232175
21.60	6.40	278784
21.80	7.48	325829
22.00	8.55	372438
22.20	9.62	419047
22.40	10.69	465656
22.60	11.76	512266
22.80	12.84	559310
23.00	13.91	605920
23.20	14.98	652529
23.40	16.05	699138
23.60	17.12	745747

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.80	18.20	792792

Comment:

Node: NWL111

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.00 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.00	0.00	0
20.20	0.66	28750
20.40	1.39	60548
20.60	2.18	94961
20.80	3.03	131987
21.00	3.95	172062
21.20	4.92	214315
21.40	5.96	259618
21.60	7.04	306662
21.80	8.11	353272
22.00	9.18	399881
22.20	10.25	446490
22.40	11.32	493099
22.60	12.40	540144
22.80	13.47	586753
23.00	14.54	633362
23.20	15.61	679972
23.40	16.68	726581
23.60	17.76	773626

Comment:

Node: NWL112

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.75 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
18.39	0.00	0
18.89	0.10	4530

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.39	0.25	10890
19.89	0.44	19036
20.39	0.94	41121
20.89	1.89	82416
21.39	3.28	142920
21.89	4.86	211527
22.39	6.43	280134
22.89	8.01	348741
23.39	9.58	417348
23.89	11.16	485955
24.39	12.73	554562
24.89	14.31	623169
25.39	15.88	691776
25.89	17.46	760383
26.39	19.03	828990
26.89	20.61	897597
27.39	22.18	966204
27.89	23.76	1034811
28.39	25.33	1103418
28.89	26.91	1172025
29.39	28.48	1240632
29.89	30.06	1309239

Comment:

Node: NWL12

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.65 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.02	0.00	0
22.22	0.52	22651
22.42	1.09	47480
22.62	1.70	74052
22.82	2.37	103237
23.02	3.08	134165
23.22	3.85	167706
23.42	4.65	202554
23.62	5.46	237838
23.82	6.27	273121
24.02	7.08	308405
24.22	7.88	343253
24.42	8.69	378536

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.62	9.50	413820
24.82	10.31	449104
25.02	11.12	484387
25.22	11.92	519235
25.42	12.73	554519
25.62	13.54	589802

Comment:

Node: NWL13

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.02	0.00	0
21.22	0.38	16553
21.42	0.78	33977
21.62	1.22	53143
21.82	1.68	73181
22.02	2.16	94090
22.22	2.67	116305
22.42	3.21	139828
22.62	3.77	164221
22.82	4.36	189922
23.02	4.98	216929
23.22	5.62	244807
23.42	6.28	273557
23.62	6.93	301871
23.82	7.59	330620
24.02	8.24	358934
24.22	8.89	387248
24.42	9.55	415998
24.62	10.20	444312

Comment:

Node: NWL14

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.02 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.11	0.00	0
20.31	1.37	59677
20.51	2.77	120661
20.71	4.20	182952
20.91	5.66	246550
21.11	7.14	311018
21.31	8.66	377230
21.51	10.21	444748
21.71	11.78	513137
21.91	13.38	582833
22.11	15.02	654271
22.31	16.68	726581
22.51	18.37	800197
22.71	20.09	875120
22.91	21.84	951350
23.11	23.62	1028887
23.31	25.42	1107295
23.51	27.26	1187446
23.71	29.12	1268467

Comment:

Node: NWL15

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.11 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.46	0.00	0
20.66	0.74	32234
20.86	1.63	71003
21.06	2.68	116741
21.26	3.76	163786
21.46	4.84	210830
21.66	5.92	257875
21.86	7.00	304920
22.06	8.08	351965
22.26	9.16	399010
22.46	10.24	446054
22.66	11.32	493099
22.86	12.40	540144
23.06	13.48	587189

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.26	14.56	634234
23.46	15.64	681278
23.66	16.72	728323
23.86	17.80	775368
24.06	18.88	822413

Comment:

Node: NWL16

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.62	0.00	0
19.82	1.53	66647
20.02	3.13	136343
20.22	4.79	208652
20.42	6.51	283576
20.62	8.29	361112
20.82	10.13	441263
21.02	12.04	524462
21.22	14.00	609840
21.42	16.02	697831
21.62	18.05	786258
21.82	20.07	874249
22.02	22.10	962676
22.22	24.12	1050667
22.42	26.14	1138658
22.62	28.17	1227085
22.82	30.19	1315076
23.02	32.22	1403503
23.22	34.24	1491494

Comment:

Node: NWL17

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.62 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.79	0.00	0
20.99	6.13	267023
21.19	14.78	643817
21.39	23.44	1021046
21.59	32.10	1398276
21.79	40.76	1775506
21.99	49.42	2152735
22.19	58.08	2529965
22.39	66.74	2907194
22.59	75.40	3284424
22.79	84.06	3661654
22.99	92.72	4038883
23.19	101.38	4416113
23.39	110.04	4793342
23.59	118.70	5170572
23.79	127.36	5547802
23.99	136.02	5925031
24.19	144.68	6302261
24.39	153.34	6679490

Comment:

Node: NWL18

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.79 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.43	0.00	0
20.63	0.04	1742
20.83	0.13	5663
21.03	0.25	10890
21.23	0.39	16988
21.43	0.53	23087
21.63	0.67	29185
21.83	0.81	35284
22.03	0.95	41382
22.23	1.09	47480
22.43	1.23	53579
22.63	1.37	59677
22.83	1.51	65776
23.03	1.65	71874
23.23	1.79	77972

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.43	1.93	84071
23.63	2.07	90169
23.83	2.21	96268
24.03	2.35	102366

Comment:

Node: NWL19

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.43 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.06	0.00	0
21.26	0.17	7405
21.46	0.44	19166
21.66	0.76	33106
21.86	1.09	47480
22.06	1.41	61420
22.26	1.74	75794
22.46	2.07	90169
22.66	2.39	104108
22.86	2.72	118483
23.06	3.04	132422
23.26	3.37	146797
23.46	3.70	161172
23.66	4.02	175111
23.86	4.35	189486
24.06	4.67	203425
24.26	5.00	217800
24.46	5.33	232175
24.66	5.65	246114

Comment:

Node: NWL20

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.06 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	0.00	0
20.80	1.73	75359
21.00	3.64	158558
21.20	5.73	249599
21.40	8.00	348480
21.60	10.37	451717
21.80	12.73	554519
22.00	15.09	657320
22.20	17.45	760122
22.40	19.81	862924
22.60	22.18	966161
22.80	24.54	1068962
23.00	26.90	1171764
23.20	29.26	1274566
23.40	31.62	1377367
23.60	33.99	1480604
23.80	36.35	1583406
24.00	38.71	1686208
24.20	41.07	1789009

Comment:

Node: NWL21

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.09	0.00	0
20.29	1.51	65776
20.49	3.15	137214
20.69	4.89	213008
20.89	6.76	294466
21.09	8.73	380279
21.29	10.72	466963
21.49	12.71	553648
21.69	14.69	639896
21.89	16.68	726581
22.09	18.67	813265
22.29	20.66	899950
22.49	22.65	986634
22.69	24.63	1072883
22.89	26.62	1159567
23.09	28.61	1246252

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.29	30.60	1332936
23.49	32.59	1419620
23.69	34.57	1505869

Comment:

Node: NWL22

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.09 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.35	0.00	0
20.55	4.11	179032
20.75	8.81	383764
20.95	13.51	588496
21.15	18.21	793228
21.35	22.91	997960
21.55	27.62	1203127
21.75	32.32	1407859
21.95	37.02	1612591
22.15	41.72	1817323
22.35	46.42	2022055
22.55	51.13	2227223
22.75	55.83	2431955
22.95	60.53	2636687
23.15	65.23	2841419
23.35	69.93	3046151
23.55	74.64	3251318
23.75	79.34	3456050
23.95	84.04	3660782

Comment:

Node: NWL23

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.35 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.30	0.00	0
19.50	0.64	27878
19.70	1.31	57064
19.90	2.03	88427
20.10	2.78	121097
20.30	3.56	155074
20.50	4.38	190793
20.70	5.24	228254
20.90	6.14	267458
21.10	7.07	307969
21.30	8.05	350658
21.50	9.05	394218
21.70	10.08	439085
21.90	11.11	483952
22.10	12.13	528383
22.30	13.16	573250
22.50	14.18	617681
22.70	15.21	662548
22.90	16.23	706979

Comment:

Node: NWL24

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.30 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.92	0.00	0
20.12	0.22	9583
20.32	0.48	20909
20.52	0.79	34412
20.72	1.13	49223
20.92	1.51	65776
21.12	1.93	84071
21.32	2.35	102366
21.52	2.77	120661
21.72	3.19	138956
21.92	3.61	157252
22.12	4.03	175547
22.32	4.45	193842
22.52	4.87	212137
22.72	5.29	230432
22.92	5.71	248728

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.12	6.13	267023
23.32	6.55	285318
23.52	6.97	303613

Comment:

Node: NWL25

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.92 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.23	0.00	0
20.43	2.64	114998
20.63	5.49	239144
20.83	8.56	372874
21.03	11.84	515750
21.23	15.19	661676
21.43	18.55	808038
21.63	21.90	953964
21.83	25.25	1099890
22.03	28.61	1246252
22.23	31.96	1392178
22.43	35.32	1538539
22.63	38.67	1684465
22.83	42.02	1830391
23.03	45.38	1976753
23.23	48.73	2122679
23.43	52.09	2269040
23.63	55.44	2414966
23.83	58.79	2560892

Comment:

Node: NWL26

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.23 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.38	0.00	0
20.58	2.40	104544
20.78	5.05	219978
20.98	7.95	346302
21.18	11.00	479160
21.38	14.05	612018
21.58	17.10	744876
21.78	20.15	877734
21.98	23.21	1011028
22.18	26.26	1143886
22.38	29.31	1276744
22.58	32.36	1409602
22.78	35.41	1542460
22.98	38.47	1675753
23.18	41.52	1808611
23.38	44.57	1941469
23.58	47.62	2074327
23.78	50.67	2207185
23.98	53.73	2340479

Comment:

Node: NWL27

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.38 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.81	0.00	0
21.01	0.72	31363
21.21	1.53	66647
21.41	2.41	104980
21.61	3.36	146362
21.81	4.40	191664
22.01	5.51	240016
22.21	6.65	289674
22.41	7.80	339768
22.61	8.95	389862
22.81	10.09	439520
23.01	11.24	489614
23.21	12.38	539273
23.41	13.53	589367
23.61	14.68	639461
23.81	15.82	689119

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.01	16.97	739213
24.21	18.11	788872
24.41	19.26	838966

Comment:

Node: NWL28

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.43	0.00	0
21.63	0.43	18731
21.83	0.98	42689
22.03	1.65	71874
22.23	2.36	102802
22.43	3.07	133729
22.63	3.78	164657
22.83	4.50	196020
23.03	5.21	226948
23.23	5.92	257875
23.43	6.63	288803
23.63	7.34	319730
23.83	8.06	351094
24.03	8.77	382021
24.23	9.48	412949
24.43	10.19	443876
24.63	10.90	474804
24.83	11.62	506167
25.03	12.33	537095

Comment:

Node: NWL29

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.43 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.67	0.00	0
20.87	4.28	186437
21.07	8.82	384199
21.27	13.62	593287
21.47	18.68	813701
21.67	23.90	1041084
21.87	29.12	1268467
22.07	34.35	1496286
22.27	39.57	1723669
22.47	44.80	1951488
22.67	50.02	2178871
22.87	55.24	2406254
23.07	60.47	2634073
23.27	65.69	2861456
23.47	70.92	3089275
23.67	76.14	3316658
23.87	81.36	3544042
24.07	86.59	3771860
24.27	91.81	3999244

Comment:

Node: NWL30

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.67 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.32	0.00	0
21.52	4.94	215186
21.72	10.39	452588
21.92	15.85	690426
22.12	21.30	927828
22.32	26.75	1165230
22.52	32.20	1402632
22.72	37.65	1640034
22.92	43.11	1877872
23.12	48.56	2115274
23.32	54.01	2352676
23.52	59.46	2590078
23.72	64.91	2827480
23.92	70.37	3065317
24.12	75.82	3302719
24.32	81.27	3540121

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.52	86.72	3777523
24.72	92.17	4014925
24.92	97.63	4252763

Comment:

Node: NWL31

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.32 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.02	0.00	0
22.22	1.15	50094
22.42	2.54	110642
22.62	3.94	171626
22.82	5.33	232175
23.02	6.73	293159
23.22	8.12	353707
23.42	9.52	414691
23.62	10.92	475675
23.82	12.31	536224
24.02	13.71	597208
24.22	15.10	657756
24.42	16.50	718740
24.62	17.90	779724
24.82	19.29	840272
25.02	20.69	901256
25.22	22.08	961805
25.42	23.48	1022789
25.62	24.88	1083773

Comment:

Node: NWL32

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.83	0.00	0
22.03	0.13	5576
22.23	0.36	15594
22.43	0.68	29751
22.63	1.01	43952
22.83	1.34	58153
23.03	1.66	72353
23.23	1.99	86554
23.43	2.31	100754
23.63	2.64	114955
23.83	2.97	129155
24.03	3.29	143356
24.23	3.62	157557
24.43	3.94	171757
24.63	4.27	185958
24.83	4.60	200158

Comment:

Node: NWL33

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.42 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.95	0.00	0
20.15	4.01	174676
20.35	8.12	353707
20.55	12.31	536224
20.75	16.60	723096
20.95	20.97	913453
21.15	25.43	1107731
21.35	29.98	1305929
21.55	34.62	1508047
21.75	39.35	1714086
21.95	44.17	1924045
22.15	49.08	2137925
22.35	54.08	2355725
22.55	59.16	2577010
22.75	64.27	2799601
22.95	69.38	3022193
23.15	74.49	3244784
23.35	79.60	3467376
23.55	84.71	3689968

Comment:

Node: NWL34

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.95 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.95	0.07	3049
20.15	0.98	42689
20.35	1.96	85378
20.55	2.94	128066
20.75	3.92	170755
20.95	4.90	213444
21.15	5.88	256133
21.35	6.86	298822
21.55	7.84	341510
21.75	8.82	384199
21.95	9.80	426888
22.15	10.78	469577
22.35	11.76	512266
22.55	12.74	554954
22.75	13.72	597643
22.95	14.70	640332
23.15	15.68	683021
23.35	16.66	725710
23.55	17.64	768398

Comment:

Node: NWL35

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.80	0.00	0
20.00	0.99	43124
20.20	2.05	89298
20.40	3.19	138956

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.60	4.39	191228
20.80	5.68	247421
21.00	7.03	306227
21.20	8.42	366775
21.40	9.82	427759
21.60	11.21	488308
21.80	12.60	548856
22.00	13.99	609404
22.20	15.38	669953
22.40	16.78	730937
22.60	18.17	791485
22.80	19.56	852034
23.00	20.95	912582
23.20	22.34	973130
23.40	23.74	1034114

Comment:

Node: NWL36

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.50	0.00	0
19.70	1.87	81457
19.90	3.85	167706
20.10	5.96	259618
20.30	8.18	356321
20.50	10.53	458687
20.70	12.98	565409
20.90	15.45	673002
21.10	17.91	780160
21.30	20.38	887753
21.50	22.84	994910
21.70	25.31	1102504
21.90	27.78	1210097
22.10	30.24	1317254
22.30	32.71	1424848
22.50	35.17	1532005
22.70	37.64	1639598
22.90	40.11	1747192
23.10	42.57	1854349

Comment:

Node: NWL37

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
18.39	0.00	0
18.89	0.10	4530
19.39	0.25	10890
19.89	0.44	19036
20.39	0.94	41121
20.89	1.89	82416
21.39	3.28	142920
21.89	4.86	211527
22.39	6.43	280134
22.89	8.01	348741
23.39	9.58	417348
23.89	11.16	485955
24.39	12.73	554562
24.89	14.31	623169
25.39	15.88	691776
25.89	17.46	760383
26.39	19.03	828990
26.89	20.61	897597
27.39	22.18	966204
27.89	23.76	1034811
28.39	25.33	1103418
28.89	26.91	1172025
29.39	28.48	1240632
29.89	30.06	1309239

Comment:

Node: NWL38

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.40	0.00	0
20.60	0.06	2614
20.80	0.20	8712
21.00	0.38	16553
21.20	0.55	23958
21.40	0.73	31799
21.60	0.91	39640
21.80	1.08	47045
22.00	1.26	54886
22.20	1.43	62291
22.40	1.61	70132
22.60	1.79	77972
22.80	1.96	85378
23.00	2.14	93218
23.20	2.31	100624
23.40	2.49	108464
23.60	2.67	116305
23.80	2.84	123710
24.00	3.02	131551

Comment:

Node: NWL39

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.60 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.00	0.00	0
20.20	1.34	58458
20.40	2.85	124059
20.60	4.52	196804
20.80	6.27	273121
21.00	8.02	349438
21.20	9.77	425755
21.40	11.53	502073
21.60	13.28	578390
21.80	15.03	654707
22.00	16.78	731024
22.20	18.53	807341
22.40	20.29	883658
22.60	22.04	959975
22.80	23.79	1036292
23.00	25.54	1112610

Comment:

Node: NWL41

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.74	0.00	0
20.94	1.87	81457
21.14	4.13	179903
21.34	6.42	279655
21.54	8.70	378972
21.74	10.98	478289
21.94	13.26	577606
22.14	15.54	676922
22.34	17.83	776675
22.54	20.11	875992
22.74	22.39	975308
22.94	24.67	1074625
23.14	26.95	1173942
23.34	29.24	1273694
23.54	31.52	1373011
23.74	33.80	1472328
23.94	36.08	1571645
24.14	38.36	1670962
24.34	40.65	1770714

Comment:

Node: NWL42

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.61 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.61	0.00	0
21.81	0.46	20038
22.01	1.06	46174
22.21	1.73	75359

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.41	2.40	104544
22.61	3.07	133729
22.81	3.73	162479
23.01	4.40	191664
23.21	5.07	220849
23.41	5.74	250034
23.61	6.41	279220
23.81	7.07	307969
24.01	7.74	337154
24.21	8.41	366340
24.41	9.08	395525
24.61	9.75	424710
24.81	10.41	453460
25.01	11.08	482645
25.21	11.75	511830

Comment:

Node: NWL43

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.02	0.00	0
20.22	0.53	23087
20.42	1.10	47916
20.62	1.70	74052
20.82	2.33	101495
21.02	3.00	130680
21.22	3.70	161172
21.42	4.43	192971
21.62	5.19	226076
21.82	5.99	260924
22.02	6.82	297079
22.22	7.66	333670
22.42	8.50	370260
22.62	9.34	406850
22.82	10.18	443441
23.02	11.03	480467
23.22	11.87	517057
23.42	12.71	553648
23.62	13.55	590238

Comment:

Node: NWL44

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.16 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.16	0.00	0
21.36	5.48	238709
21.56	11.77	512701
21.76	18.26	795406
21.96	24.76	1078546
22.16	31.25	1361250
22.36	37.75	1644390
22.56	44.24	1927094
22.76	50.73	2209799
22.96	57.23	2492939
23.16	63.72	2775643
23.36	70.22	3058783
23.56	76.71	3341488
23.76	83.20	3624192
23.96	89.70	3907332
24.16	96.19	4190036
24.36	102.69	4473176
24.56	109.18	4755881
24.76	115.67	5038585

Comment:

Node: NWL45

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.00 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.00	0.00	0
20.20	3.56	155074
20.40	7.32	318859
20.60	11.26	490486
20.80	15.39	670388

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.00	19.70	858132
21.20	24.21	1054588
21.40	28.90	1258884
21.60	33.76	1470586
21.80	38.64	1683158
22.00	43.52	1895731
22.20	48.41	2108740
22.40	53.29	2321312
22.60	58.17	2533885
22.80	63.05	2746458
23.00	67.93	2959031
23.20	72.82	3172039
23.40	77.70	3384612
23.60	82.58	3597185

Comment:

Node: NWL46

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.82 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.82	0.00	0
22.02	0.14	6098
22.22	0.36	15682
22.42	0.63	27443
22.62	0.90	39204
22.82	1.17	50965
23.02	1.44	62726
23.22	1.71	74488
23.42	1.98	86249
23.62	2.25	98010
23.82	2.52	109771
24.02	2.79	121532
24.22	3.06	133294
24.42	3.33	145055
24.62	3.60	156816
24.82	3.87	168577
25.02	4.14	180338
25.22	4.41	192100
25.42	4.68	203861

Comment:

Node: NWL47

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.77 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.77	0.00	0
20.97	0.67	29185
21.17	1.45	63162
21.37	2.32	101059
21.57	3.29	143312
21.77	4.28	186437
21.97	5.27	229561
22.17	6.26	272686
22.37	7.25	315810
22.57	8.24	358934
22.77	9.23	402059
22.97	10.22	445183
23.17	11.21	488308
23.37	12.20	531432
23.57	13.19	574556
23.77	14.18	617681
23.97	15.17	660805
24.17	16.16	703930
24.37	17.15	747054

Comment:

Node: NWL48

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.66 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.66	0.00	0
20.86	0.70	30492
21.06	1.60	69696
21.26	2.54	110642
21.46	3.49	152024
21.66	4.44	193406
21.86	5.39	234788
22.06	6.34	276170
22.26	7.28	317117

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.46	8.23	358499
22.66	9.18	399881
22.86	10.13	441263
23.06	11.08	482645
23.26	12.02	523591
23.46	12.97	564973
23.66	13.92	606355
23.86	14.87	647737
24.06	15.82	689119
24.26	16.76	730066

Comment:

Node: NWL49

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.69 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.69	0.00	0
20.89	0.31	13504
21.09	0.75	32670
21.29	1.22	53143
21.49	1.68	73181
21.69	2.14	93218
21.89	2.61	113692
22.09	3.07	133729
22.29	3.54	154202
22.49	4.00	174240
22.69	4.46	194278
22.89	4.93	214751
23.09	5.39	234788
23.29	5.86	255262
23.49	6.32	275299
23.69	6.78	295337
23.89	7.25	315810
24.09	7.71	335848
24.29	8.18	356321

Comment:

Node: NWL50

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.84 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.84	0.00	0
21.04	0.08	3485
21.24	0.20	8712
21.44	0.37	16117
21.64	0.56	24394
21.84	0.76	33106
22.04	0.96	41818
22.24	1.16	50530
22.44	1.36	59242
22.64	1.55	67518
22.84	1.75	76230
23.04	1.95	84942
23.24	2.15	93654
23.44	2.35	102366
23.64	2.54	110642
23.84	2.74	119354
24.04	2.94	128066
24.24	3.14	136778
24.44	3.34	145490

Comment:

Node: NWL51

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.10 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.10	0.00	0
21.30	0.04	1742
21.50	0.14	6098
21.70	0.26	11326
21.90	0.38	16553
22.10	0.50	21780
22.30	0.62	27007
22.50	0.74	32234
22.70	0.86	37462
22.90	0.98	42689

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.10	1.10	47916
23.30	1.22	53143
23.50	1.34	58370
23.70	1.46	63598
23.90	1.58	68825
24.10	1.70	74052
24.30	1.82	79279
24.50	1.94	84506
24.70	2.06	89734

Comment:

Node: NWL52

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.82 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.82	0.00	0
21.02	0.40	17424
21.22	0.90	39204
21.42	1.51	65776
21.62	2.20	95832
21.82	2.90	126324
22.02	3.60	156816
22.22	4.30	187308
22.42	5.00	217800
22.62	5.70	248292
22.82	6.40	278784
23.02	7.10	309276
23.22	7.80	339768
23.42	8.50	370260
23.62	9.20	400752
23.82	9.90	431244
24.02	10.60	461736
24.22	11.30	492228
24.42	12.00	522720

Comment:

Node: NWL53

Scenario: PRE BASINS

Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.42 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.42	0.00	0
21.62	1.38	60113
21.82	2.84	123710
22.02	4.31	187744
22.22	5.77	251341
22.42	7.24	315374
22.62	8.71	379408
22.82	10.17	443005
23.02	11.64	507038
23.22	13.10	570636
23.42	14.57	634669
23.62	16.04	698702
23.82	17.50	762300
24.02	18.97	826333
24.22	20.43	889931
24.42	21.90	953964
24.62	23.37	1017997
24.82	24.83	1081595
25.02	26.30	1145628

Comment:

Node: NWL54

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.87 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.87	0.00	0
21.07	1.07	46609
21.27	2.41	104980
21.47	3.92	170755
21.67	5.44	236966
21.87	6.95	302742
22.07	8.47	368953
22.27	9.98	434729
22.47	11.49	500504
22.67	13.01	566716
22.87	14.52	632491

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.07	16.04	698702
23.27	17.55	764478
23.47	19.06	830254
23.67	20.58	896465
23.87	22.09	962240
24.07	23.61	1028452
24.27	25.12	1094227
24.47	26.63	1160003

Comment:

Node: NWL55

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.36 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.36	0.00	0
21.56	0.22	9583
21.76	0.50	21780
21.96	0.85	37026
22.16	1.24	54014
22.36	1.63	71003
22.56	2.03	88427
22.76	2.42	105415
22.96	2.82	122839
23.16	3.21	139828
23.36	3.60	156816
23.56	4.00	174240
23.76	4.39	191228
23.96	4.79	208652
24.16	5.18	225641
24.36	5.57	242629
24.56	5.97	260053
24.76	6.36	277042
24.96	6.76	294466

Comment:

Node: NWL56

Scenario: PRE BASINS
 Type: Stage/Volume

Base Flow: 0.00 cfs
 Initial Stage: 21.77 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.77	0.00	0
21.97	0.26	11326
22.17	0.63	27443
22.37	1.00	43560
22.57	1.37	59677
22.77	1.74	75794
22.97	2.12	92347
23.17	2.49	108464
23.37	2.86	124582
23.57	3.23	140699
23.77	3.60	156816
23.97	3.98	173369
24.17	4.35	189486
24.37	4.72	205603
24.57	5.09	221720
24.77	5.46	237838
24.97	5.84	254390
25.17	6.21	270508
25.37	6.58	286625

Comment:

Node: NWL57

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.86 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.86	0.00	0
21.06	0.06	2614
21.26	0.16	6970
21.46	0.29	12632
21.66	0.46	20038
21.86	0.66	28750
22.06	0.85	37026
22.26	1.05	45738
22.46	1.24	54014
22.66	1.44	62726
22.86	1.64	71438
23.06	1.83	79715

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.26	2.03	88427
23.46	2.22	96703
23.66	2.42	105415
23.86	2.62	114127
24.06	2.81	122404
24.26	3.01	131116
24.46	3.20	139392

Comment:

Node: NWL58

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.28	0.00	0
20.48	1.93	84071
20.68	4.07	177289
20.88	6.42	279655
21.08	8.96	390298
21.28	11.53	502247
21.48	14.10	614196
21.68	16.68	726581
21.88	19.25	838530
22.08	21.83	950915
22.28	24.40	1062864
22.48	26.97	1174813
22.68	29.55	1287198
22.88	32.12	1399147
23.08	34.70	1511532
23.28	37.27	1623481
23.48	39.84	1735430
23.68	42.42	1847815
23.88	44.99	1959764

Comment:

Node: NWL59

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs

Initial Stage: 20.81 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.81	0.00	0
21.01	0.48	20909
21.21	1.02	44431
21.41	1.62	70567
21.61	2.28	99317
21.81	3.00	130680
22.01	3.78	164657
22.21	4.59	199940
22.41	5.40	235224
22.61	6.21	270508
22.81	7.01	305356
23.01	7.82	340639
23.21	8.63	375923
23.41	9.44	411206
23.61	10.25	446490
23.81	11.05	481338
24.01	11.86	516622
24.21	12.67	551905
24.41	13.48	587189

Comment:

Node: NWL60

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.19 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.19	0.00	0
21.39	8.13	354143
21.59	16.57	721789
21.79	25.31	1102504
21.99	34.35	1496286
22.19	43.70	1903572
22.39	53.35	2323926
22.59	63.31	2757784
22.79	73.43	3198611
22.99	83.56	3639874
23.19	93.68	4080701
23.39	103.81	4521964
23.59	113.93	4962791

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.79	124.05	5403618
23.99	134.18	5844881
24.19	144.30	6285708
24.39	154.43	6726971
24.59	164.55	7167798
24.79	174.67	7608625

Comment:

Node: NWL61

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.63 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.63	0.00	0
19.83	0.30	13068
20.03	0.64	27878
20.23	1.01	43996
20.43	1.41	61420
20.63	1.85	80586
20.83	2.32	101059
21.03	2.83	123275
21.23	3.37	146797
21.43	3.94	171626
21.63	4.55	198198
21.83	5.18	225641
22.03	5.82	253519
22.23	6.46	281398
22.43	7.09	308840
22.63	7.73	336719
22.83	8.36	364162
23.03	9.00	392040
23.23	9.64	419918

Comment:

Node: NWL62

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.29 ft

Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.29	0.00	0
21.49	0.68	29621
21.69	1.49	64904
21.89	2.43	105851
22.09	3.48	151589
22.29	4.55	198198
22.49	5.63	245243
22.69	6.70	291852
22.89	7.77	338461
23.09	8.84	385070
23.29	9.91	431680
23.49	10.99	478724
23.69	12.06	525334
23.89	13.13	571943
24.09	14.20	618552
24.29	15.27	665161
24.49	16.35	712206
24.69	17.42	758815
24.89	18.49	805424

Comment:

Node: NWL63

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.14 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.14	0.00	0
21.34	0.35	15246
21.54	0.84	36590
21.74	1.38	60113
21.94	1.92	83635
22.14	2.45	106722
22.34	2.99	130244
22.54	3.52	153331
22.74	4.06	176854
22.94	4.60	200376
23.14	5.13	223463
23.34	5.67	246985
23.54	6.20	270072
23.74	6.74	293594

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.94	7.28	317117
24.14	7.81	340204
24.34	8.35	363726
24.54	8.88	386813
24.74	9.42	410335

Comment:

Node: NWL64

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.16 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.16	0.00	0
21.36	0.16	6970
21.56	0.36	15682
21.76	0.61	26572
21.96	0.90	39204
22.16	1.23	53579
22.36	1.55	67518
22.56	1.87	81457
22.76	2.20	95832
22.96	2.52	109771
23.16	2.85	124146
23.36	3.17	138085
23.56	3.49	152024
23.76	3.82	166399
23.96	4.14	180338
24.16	4.47	194713
24.36	4.79	208652
24.56	5.11	222592
24.76	5.44	236966

Comment:

Node: NWL65

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.12 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.12	0.00	0
22.32	1.29	56192
22.52	2.84	123710
22.72	4.42	192535
22.92	6.00	261360
23.12	7.58	330185
23.32	9.16	399010
23.52	10.74	467834
23.72	12.32	536659
23.92	13.90	605484
24.12	15.48	674309
24.32	17.06	743134
24.52	18.64	811958
24.72	20.22	880783
24.92	21.80	949608
25.12	23.38	1018433
25.32	24.96	1087258
25.52	26.54	1156082
25.72	28.12	1224907

Comment:

Node: NWL66

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.67 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.67	0.00	0
21.87	0.06	2614
22.07	0.19	8276
22.27	0.33	14375
22.47	0.47	20473
22.67	0.61	26572
22.87	0.75	32670
23.07	0.89	38768
23.27	1.03	44867
23.47	1.17	50965
23.67	1.31	57064
23.87	1.45	63162
24.07	1.59	69260
24.27	1.73	75359
24.47	1.87	81457

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.67	2.01	87556
24.87	2.15	93654
25.07	2.29	99752
25.27	2.43	105851

Comment:

Node: NWL67

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.02 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.02	0.00	0
21.22	0.18	7841
21.42	0.39	16988
21.62	0.62	27007
21.82	0.87	37897
22.02	1.15	50094
22.22	1.46	63598
22.42	1.78	77537
22.62	2.14	93218
22.82	2.51	109336
23.02	2.88	125453
23.22	3.26	142006
23.42	3.63	158123
23.62	4.01	174676
23.82	4.38	190793
24.02	4.75	206910
24.22	5.13	223463
24.42	5.50	239580
24.62	5.88	256133

Comment:

Node: NWL68

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.46	0.00	0
22.66	0.40	17424
22.86	0.81	35284
23.06	1.23	53579
23.26	1.65	71874
23.46	2.07	90169
23.66	2.49	108464
23.86	2.90	126324
24.06	3.32	144619
24.26	3.74	162914
24.46	4.16	181210
24.66	4.58	199505
24.86	4.99	217364
25.06	5.41	235660
25.26	5.83	253955
25.46	6.25	272250
25.66	6.67	290545
25.86	7.08	308405
26.06	7.50	326700

Comment:

Node: NWL69

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.25	0.00	0
22.45	0.09	3920
22.65	0.26	11326
22.85	0.43	18731
23.05	0.59	25700
23.25	0.76	33106
23.45	0.93	40511
23.65	1.10	47916
23.85	1.27	55321
24.05	1.43	62291
24.25	1.60	69696
24.45	1.77	77101
24.65	1.94	84506
24.85	2.11	91912
25.05	2.27	98881
25.25	2.44	106286

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.45	2.61	113692
25.65	2.78	121097
25.85	2.95	128502

Comment:

Node: NWL70

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.48 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.48	0.00	0
22.68	0.06	2614
22.88	0.16	6970
23.08	0.30	13068
23.28	0.45	19602
23.48	0.59	25700
23.68	0.74	32234
23.88	0.89	38768
24.08	1.04	45302
24.28	1.19	51836
24.48	1.33	57935
24.68	1.48	64469
24.88	1.63	71003
25.08	1.78	77537
25.28	1.93	84071
25.48	2.07	90169
25.68	2.22	96703
25.88	2.37	103237
26.08	2.52	109771

Comment:

Node: NWL71

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.44 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.44	0.00	0
21.64	0.37	16117
21.84	0.79	34412
22.04	1.27	55321
22.24	1.80	78408
22.44	2.39	104108
22.64	3.00	130680
22.84	3.60	156816
23.04	4.21	183388
23.24	4.82	209959
23.44	5.42	236095
23.64	6.03	262667
23.84	6.63	288803
24.04	7.24	315374
24.24	7.85	341946
24.44	8.45	368082
24.64	9.06	394654
24.84	9.66	420790
25.04	10.27	447361

Comment:

Node: NWL72

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.41 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.41	0.00	0
21.61	0.20	8712
21.81	0.52	22651
22.01	0.84	36590
22.21	1.17	50965
22.41	1.49	64904
22.61	1.82	79279
22.81	2.15	93654
23.01	2.47	107593
23.21	2.80	121968
23.41	3.12	135907
23.61	3.45	150282
23.81	3.78	164657
24.01	4.10	178596
24.21	4.43	192971
24.41	4.75	206910

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.61	5.08	221285
24.81	5.41	235660
25.01	5.73	249599

Comment:

Node: NWL73

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.39 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.39	0.00	0
21.59	0.43	18731
21.79	0.92	40075
21.99	1.41	61420
22.19	1.91	83200
22.39	2.40	104544
22.59	2.90	126324
22.79	3.39	147668
22.99	3.88	169013
23.19	4.38	190793
23.39	4.87	212137
23.59	5.37	233917
23.79	5.86	255262
23.99	6.35	276606
24.19	6.85	298386
24.39	7.34	319730
24.59	7.84	341510
24.79	8.33	362855
24.99	8.82	384199

Comment:

Node: NWL74

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.28	0.00	0
20.48	0.11	4792
20.68	0.24	10454
20.88	0.39	16988
21.08	0.56	24394
21.28	0.74	32234
21.48	0.94	40946
21.68	1.16	50530
21.88	1.40	60984
22.08	1.65	71874
22.28	1.93	84071
22.48	2.22	96703
22.68	2.51	109336
22.88	2.80	121968
23.08	3.09	134600
23.28	3.38	147233
23.48	3.68	160301
23.68	3.97	172933
23.88	4.26	185566

Comment:

Node: NWL75

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.22 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.22	0.00	0
22.42	0.11	4792
22.62	0.30	13068
22.82	0.50	21780
23.02	0.70	30492
23.22	0.90	39204
23.42	1.10	47916
23.62	1.30	56628
23.82	1.50	65340
24.02	1.70	74052
24.22	1.90	82764
24.42	2.10	91476
24.62	2.30	100188
24.82	2.50	108900
25.02	2.70	117612
25.22	2.90	126324

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.42	3.10	135036
25.62	3.30	143748
25.82	3.50	152460

Comment:

Node: NWL76

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.73 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.73	0.00	0
20.93	8.37	364597
21.13	16.78	730937
21.33	25.21	1098148
21.53	33.67	1466665
21.73	42.16	1836490
21.93	50.68	2207621
22.13	59.22	2579623
22.33	67.80	2953368
22.53	76.40	3327984
22.73	85.02	3703471
22.93	93.63	4078523
23.13	102.24	4453574
23.33	110.86	4829062
23.53	119.47	5204113
23.73	128.09	5579600
23.93	136.70	5954652
24.13	145.31	6329704
24.33	153.93	6705191

Comment:

Node: NWL77

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.86 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.86	0.00	0
21.06	2.86	124582
21.26	5.85	254826
21.46	8.98	391169
21.66	12.24	533174
21.86	15.64	681278
22.06	19.18	835481
22.26	22.85	995346
22.46	26.65	1160874
22.66	30.60	1332936
22.86	34.63	1508483
23.06	38.66	1684030
23.26	42.70	1860012
23.46	46.74	2035994
23.66	50.77	2211541
23.86	54.81	2387524
24.06	58.84	2563070
24.26	62.88	2739053
24.46	66.92	2915035

Comment:

Node: NWL78

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.72 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.72	0.00	0
21.92	0.05	2178
22.12	0.14	6098
22.32	0.26	11326
22.52	0.42	18295
22.72	0.57	24829
22.92	0.73	31799
23.12	0.88	38333
23.32	1.04	45302
23.52	1.20	52272
23.72	1.35	58806
23.92	1.51	65776
24.12	1.66	72310
24.32	1.82	79279
24.52	1.98	86249
24.72	2.13	92783

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.92	2.29	99752
25.12	2.44	106286
25.32	2.60	113256

Comment:

Node: NWL79

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.96 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.96	0.00	0
22.16	0.12	5227
22.36	0.33	14375
22.56	0.53	23087
22.76	0.74	32234
22.96	0.94	40946
23.16	1.15	50094
23.36	1.36	59242
23.56	1.56	67954
23.76	1.77	77101
23.96	1.97	85813
24.16	2.18	94961
24.36	2.39	104108
24.56	2.59	112820
24.76	2.80	121968
24.96	3.00	130680
25.16	3.21	139828
25.36	3.42	148975
25.56	3.62	157687

Comment:

Node: NWL80

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.31 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.31	0.00	0
22.51	3.11	135472
22.71	6.86	298822
22.91	10.89	474368
23.11	14.93	650351
23.31	18.97	826333
23.51	23.00	1001880
23.71	27.04	1177862
23.91	31.07	1353409
24.11	35.11	1529392
24.31	39.15	1705374
24.51	43.18	1880921
24.71	47.22	2056903
24.91	51.25	2232450
25.11	55.29	2408432
25.31	59.33	2584415
25.51	63.36	2759962
25.71	67.40	2935944
25.91	71.43	3111491

Comment:

Node: NWL81

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.66 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.66	0.00	0
21.86	0.78	33977
22.06	1.67	72745
22.26	2.65	115434
22.46	3.74	162914
22.66	4.93	214751
22.86	6.21	270508
23.06	7.52	327571
23.26	8.83	384635
23.46	10.14	441698
23.66	11.45	498762
23.86	12.76	555826
24.06	14.07	612889
24.26	15.38	669953
24.46	16.69	727016
24.66	18.00	784080

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.86	19.31	841144
25.06	20.62	898207
25.26	21.93	955271

Comment:

Node: NWL82

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.14 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.14	0.00	0
22.34	0.46	20038
22.54	1.02	44431
22.74	1.66	72310
22.94	2.38	103673
23.14	3.09	134600
23.34	3.81	165964
23.54	4.52	196891
23.74	5.24	228254
23.94	5.96	259618
24.14	6.67	290545
24.34	7.39	321908
24.54	8.10	352836
24.74	8.82	384199
24.94	9.54	415562
25.14	10.25	446490
25.34	10.97	477853
25.54	11.68	508781
25.74	12.40	540144

Comment:

Node: NWL83

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 22.21 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.21	0.00	0
22.41	0.65	28314
22.61	1.42	61855
22.81	2.32	101059
23.01	3.27	142441
23.21	4.22	183823
23.41	5.17	225205
23.61	6.12	266587
23.81	7.08	308405
24.01	8.03	349787
24.21	8.98	391169
24.41	9.93	432551
24.61	10.88	473933
24.81	11.84	515750
25.01	12.79	557132
25.21	13.74	598514
25.41	14.69	639896
25.61	15.64	681278
25.81	16.60	723096

Comment:

Node: NWL84

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.90 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.90	0.00	0
22.10	1.53	66647
22.30	3.24	141134
22.50	5.13	223463
22.70	7.19	313196
22.90	9.40	409464
23.10	11.64	507038
23.30	13.87	604177
23.50	16.11	701752
23.70	18.35	799326
23.90	20.58	896465
24.10	22.82	994039
24.30	25.05	1091178
24.50	27.29	1188752
24.70	29.53	1286327
24.90	31.76	1383466

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.10	34.00	1481040
25.30	36.23	1578179
25.50	38.47	1675753

Comment:

Node: NWL85

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.47 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.47	0.00	0
20.67	0.14	6098
20.87	0.30	13068
21.07	0.49	21344
21.27	0.70	30492
21.47	0.93	40511
21.67	1.18	51401
21.87	1.46	63598
22.07	1.76	76666
22.27	2.08	90605
22.47	2.40	104544
22.67	2.73	118919
22.87	3.06	133294
23.07	3.38	147233
23.27	3.71	161608
23.47	4.03	175547
23.67	4.36	189922
23.87	4.69	204296
24.07	5.01	218236

Comment:

Node: NWL86

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.71 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.71	0.00	0
20.91	0.08	3485
21.11	0.19	8276
21.31	0.32	13939
21.51	0.46	20038
21.71	0.63	27443
21.91	0.79	34412
22.11	0.96	41818
22.31	1.12	48787
22.51	1.29	56192
22.71	1.46	63598
22.91	1.62	70567
23.11	1.79	77972
23.31	1.95	84942
23.51	2.12	92347
23.71	2.29	99752
23.91	2.45	106722
24.11	2.62	114127
24.31	2.78	121097

Comment:

Node: NWL87

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.25 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.25	0.00	0
21.45	0.03	1307
21.65	0.07	3049
21.85	0.14	6098
22.05	0.23	10019
22.25	0.31	13504
22.45	0.40	17424
22.65	0.48	20909
22.85	0.57	24829
23.05	0.66	28750
23.25	0.74	32234
23.45	0.83	36155
23.65	0.91	39640
23.85	1.00	43560
24.05	1.09	47480
24.25	1.17	50965

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.45	1.26	54886
24.65	1.34	58370
24.85	1.43	62291

Comment:

Node: NWL88

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.18 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.18	0.00	0
21.38	0.36	15682
21.58	0.76	33106
21.78	1.19	51836
21.98	1.65	71874
22.18	2.15	93654
22.38	2.68	116741
22.58	3.25	141570
22.78	3.85	167706
22.98	4.47	194713
23.18	5.09	221720
23.38	5.71	248728
23.58	6.33	275735
23.78	6.95	302742
23.98	7.57	329749
24.18	8.19	356756
24.38	8.81	383764
24.58	9.43	410771
24.78	10.05	437778

Comment:

Node: NWL89

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.99 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.99	0.00	0
21.19	1.11	48352
21.39	2.27	98881
21.59	3.50	152460
21.79	4.77	207781
21.99	6.10	265716
22.19	7.49	326264
22.39	8.93	388991
22.59	10.43	454331
22.79	11.98	521849
22.99	13.59	591980
23.19	15.25	664290
23.39	16.97	739213
23.59	18.69	814136
23.79	20.41	889060
23.99	22.13	963983
24.19	23.86	1039342
24.39	25.58	1114265
24.59	27.30	1189188

Comment:

Node: NWL90

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.78 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.78	0.00	0
21.98	0.74	32234
22.18	1.56	67954
22.38	2.47	107593
22.58	3.45	150282
22.78	4.52	196891
22.98	5.64	245678
23.18	6.75	294030
23.38	7.87	342817
23.58	8.98	391169
23.78	10.10	439956
23.98	11.22	488743
24.18	12.33	537095
24.38	13.45	585882
24.58	14.56	634234
24.78	15.68	683021

Stage [ft]	Volume [ac-ft]	Volume [ft3]
24.98	16.80	731808
25.18	17.91	780160
25.38	19.03	828947

Comment:

Node: NWL91

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.41 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.41	0.00	0
21.61	0.27	11761
21.81	0.65	28314
22.01	1.15	50094
22.21	1.69	73616
22.41	2.23	97139
22.61	2.77	120661
22.81	3.31	144184
23.01	3.85	167706
23.21	4.39	191228
23.41	4.93	214751
23.61	5.47	238273
23.81	6.01	261796
24.01	6.55	285318
24.21	7.09	308840
24.41	7.63	332363
24.61	8.17	355885
24.81	8.71	379408
25.01	9.25	402930

Comment:

Node: NWL92

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.03 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.03	0.00	0
20.23	0.38	16553
20.43	0.83	36155
20.63	1.34	58370
20.83	1.92	83635
21.03	2.57	111949
21.23	3.28	142877
21.43	4.04	175982
21.63	4.81	209524
21.83	5.57	242629
22.03	6.34	276170
22.23	7.11	309712
22.43	7.87	342817
22.63	8.64	376358
22.83	9.40	409464
23.03	10.17	443005
23.23	10.94	476546
23.43	11.70	509652
23.63	12.47	543193

Comment:

Node: NWL93

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.84 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.84	0.00	0
22.04	0.11	4792
22.24	0.30	13068
22.44	0.55	23958
22.64	0.81	35284
22.84	1.07	46609
23.04	1.33	57935
23.24	1.59	69260
23.44	1.84	80150
23.64	2.10	91476
23.84	2.36	102802
24.04	2.62	114127
24.24	2.88	125453
24.44	3.13	136343
24.64	3.39	147668
24.84	3.65	158994

Stage [ft]	Volume [ac-ft]	Volume [ft3]
25.04	3.91	170320
25.24	4.17	181645
25.44	4.42	192535

Comment:

Node: NWL94

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.74 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.74	0.00	0
20.94	0.81	35284
21.14	1.69	73616
21.34	2.63	114563
21.54	3.65	158994
21.74	4.73	206039
21.94	5.87	255697
22.14	7.09	308840
22.34	8.37	364597
22.54	9.71	422968
22.74	11.05	481338
22.94	12.39	539708
23.14	13.72	597643
23.34	15.06	656014
23.54	16.40	714384
23.74	17.74	772754
23.94	19.08	831125
24.14	20.41	889060
24.34	21.75	947430

Comment:

Node: NWL95

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.15 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.15	0.00	0
20.35	0.95	41382
20.55	2.10	91476
20.75	3.41	148540
20.95	4.73	206039
21.15	6.04	263102
21.35	7.36	320602
21.55	8.68	378101
21.75	9.99	435164
21.95	11.31	492664
22.15	12.62	549727
22.35	13.94	607226
22.55	15.26	664726
22.75	16.57	721789
22.95	17.89	779288
23.15	19.20	836352
23.35	20.52	893851
23.55	21.84	951350
23.75	23.15	1008414

Comment:

Node: NWL96

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.46 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.46	0.00	0
20.66	0.14	6098
20.86	0.34	14810
21.06	0.60	26136
21.26	0.87	37897
21.46	1.15	50094
21.66	1.43	62291
21.86	1.70	74052
22.06	1.98	86249
22.26	2.25	98010
22.46	2.53	110207
22.66	2.81	122404
22.86	3.08	134165
23.06	3.36	146362
23.26	3.63	158123
23.46	3.91	170320

Stage [ft]	Volume [ac-ft]	Volume [ft3]
23.66	4.19	182516
23.86	4.46	194278
24.06	4.74	206474

Comment:

Node: NWL97

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.85 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.85	0.00	0
20.05	0.12	5227
20.25	0.27	11761
20.45	0.45	19602
20.65	0.66	28750
20.85	0.90	39204
21.05	1.17	50965
21.25	1.44	62726
21.45	1.72	74923
21.65	2.00	87120
21.85	2.27	98881
22.05	2.55	111078
22.25	2.82	122839
22.45	3.10	135036
22.65	3.38	147233
22.85	3.65	158994
23.05	3.93	171191
23.25	4.20	182952
23.45	4.48	195149

Comment:

Node: NWL98

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.28 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.28	0.00	0
19.48	0.12	5227
19.68	0.28	12197
19.88	0.49	21344
20.08	0.74	32234
20.28	1.00	43560
20.48	1.26	54886
20.68	1.52	66211
20.88	1.78	77537
21.08	2.04	88862
21.28	2.30	100188
21.48	2.56	111514
21.68	2.82	122839
21.88	3.08	134165
22.08	3.34	145490
22.28	3.60	156816
22.48	3.86	168142
22.68	4.12	179467
22.88	4.38	190793

Comment:

Node: NWL99

Scenario: PRE BASINS
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 19.69 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
19.69	0.00	0
19.89	0.40	17424
20.09	0.88	38333
20.29	1.43	62291
20.49	2.06	89734
20.69	2.76	120226
20.89	3.47	151153
21.09	4.18	182081
21.29	4.89	213008
21.49	5.60	243936
21.69	6.31	274864
21.89	7.02	305791
22.09	7.73	336719
22.29	8.44	367646
22.49	9.15	398574
22.69	9.86	429502

Stage [ft]	Volume [ac-ft]	Volume [ft3]
22.89	10.57	460429
23.09	11.28	491357
23.29	11.99	522284

Comment:

Node: OUTFALL

Scenario: PRE BASINS
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 12.38 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	12.38
0	0	0	360.0000	12.38

Comment:

Weir Link: B112-WL112

Scenario: PRE BASINS
 From Node: ND112
 To Node: NWL112
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL112

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:

Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:

Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L01

Scenario: PRE BASINS
 From Node: ND01
 To Node: NWL01
 Link Count: 1

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:

Flow Direction:	Both	
Damping:	0.0000 ft	Top Clip
Weir Type:	Broad Crested Vertical	Default: 0.00 ft
Geometry Type:	Irregular	Op Table:
Invert:	23.00 ft	Ref Node:
Control Elevation:	23.00 ft	Discharge Coefficients
Cross Section:	WL01	Weir Default: 2.800
		Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L02

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND02	Default: 0.00 ft
To Node:	NWL02	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	23.00 ft	Discharge Coefficients
Control Elevation:	23.00 ft	Weir Default: 2.800
Cross Section:	WL02	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L03

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND03	Default: 0.00 ft
To Node:	NWL03	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.80 ft	Discharge Coefficients
Control Elevation:	22.80 ft	Weir Default: 2.800
Cross Section:	WL03	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L06	
Scenario:	PRE BASINS
From Node:	ND06
To Node:	NWL06
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.70 ft
Control Elevation:	22.70 ft
Cross Section:	WL06
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L07	
Scenario:	PRE BASINS
From Node:	ND07
To Node:	NWL07
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	23.00 ft
Control Elevation:	23.00 ft
Cross Section:	WL07
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L08	
Scenario:	PRE BASINS
From Node:	ND08
To Node:	NWL08
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.60 ft
Control Elevation:	22.60 ft
Cross Section:	WL08
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L09

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND09	Default: 0.00 ft
To Node:	NWL09	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.20 ft	Discharge Coefficients
Control Elevation:	22.20 ft	Weir Default: 2.800
Cross Section:	WL09	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L10

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND10	Default: 0.00 ft
To Node:	NWL10	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.50 ft	Discharge Coefficients
Control Elevation:	22.50 ft	Weir Default: 2.800
Cross Section:	WL10	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L100

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND100	Default: 0.00 ft
To Node:	NWL100	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.50 ft
 Control Elevation: 20.50 ft
 Cross Section: WL100

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L101

Scenario: PRE BASINS
 From Node: ND101
 To Node: NWL101
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.40 ft
 Control Elevation: 22.40 ft
 Cross Section: WL101

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L102

Scenario: PRE BASINS
 From Node: ND102
 To Node: NWL102
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.50 ft
 Control Elevation: 20.50 ft
 Cross Section: WL102

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L103	
Scenario: PRE BASINS	Bottom Clip
From Node: ND103	Default: 0.00 ft
To Node: NWL103	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 19.50 ft	Discharge Coefficients
Control Elevation: 19.50 ft	Weir Default: 2.800
Cross Section: WL103	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L104	
Scenario: PRE BASINS	Bottom Clip
From Node: ND104	Default: 0.00 ft
To Node: NWL104	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.00 ft	Discharge Coefficients
Control Elevation: 20.00 ft	Weir Default: 2.800
Cross Section: WL104	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L105	
Scenario: PRE BASINS	Bottom Clip
From Node: ND105	Default: 0.00 ft
To Node: NWL105	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.50 ft	Discharge Coefficients
Control Elevation: 20.50 ft	Weir Default: 2.800

Cross Section: WL105

Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment:

Weir Link: L106

Scenario: PRE BASINS	Bottom Clip
From Node: ND106	Default: 0.00 ft
To Node: NWL106	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.80 ft	Discharge Coefficients
Control Elevation: 20.80 ft	Weir Default: 2.800
Cross Section: WL106	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L107

Scenario: PRE BASINS	Bottom Clip
From Node: ND107	Default: 0.00 ft
To Node: NWL107	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.36 ft	Discharge Coefficients
Control Elevation: 20.36 ft	Weir Default: 2.800
Cross Section: WL107	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L108

Scenario: PRE BASINS	Bottom Clip
From Node: ND108	Default: 0.00 ft
To Node: NWL108	Op Table:

Link Count: 1	
Flow Direction: Both	Ref Node:
Damping: 0.0000 ft	Top Clip
Weir Type: Broad Crested Vertical	Default: 0.00 ft
Geometry Type: Irregular	Op Table:
Invert: 20.80 ft	Ref Node:
Control Elevation: 20.80 ft	Discharge Coefficients
Cross Section: WL108	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L109

Scenario: PRE BASINS	Bottom Clip
From Node: ND109	Default: 0.00 ft
To Node: NWL109	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.50 ft	Discharge Coefficients
Control Elevation: 21.50 ft	Weir Default: 2.800
Cross Section: WL109	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L11

Scenario: PRE BASINS	Bottom Clip
From Node: ND11	Default: 0.00 ft
To Node: NWL11	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 23.10 ft	Discharge Coefficients
Control Elevation: 23.10 ft	Weir Default: 2.800
Cross Section: WL11	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Comment:

Weir Link: L110	
Scenario: PRE BASINS	Bottom Clip
From Node: ND110	Default: 0.00 ft
To Node: NWL110	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.20 ft	Discharge Coefficients
Control Elevation: 21.20 ft	Weir Default: 2.800
Cross Section: WL110	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L111	
Scenario: PRE BASINS	Bottom Clip
From Node: ND111	Default: 0.00 ft
To Node: NWL111	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.40 ft	Discharge Coefficients
Control Elevation: 21.40 ft	Weir Default: 2.800
Cross Section: WL111	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Pipe Link: L115		
	Upstream	Downstream
Scenario: PRE BASINS	Invert: 12.00 ft	Invert: 11.80 ft
From Node: ND115	Manning's N: 0.0130	Manning's N: 0.0130
To Node: ND116	Geometry: Rectangular	Geometry: Rectangular
Link Count: 3	Max Depth: 10.00 ft	Max Depth: 10.00 ft
Flow Direction: Both	Max Width: 9.75 ft	Max Width: 9.75 ft
Damping: 0.0000 ft	Fillet: 0.00 ft	Fillet: 0.00 ft
Length: 90.00 ft	Bottom Clip	
FHWA Code: 14	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef: 0.00	Op Table:	Op Table:
Exit Loss Coef: 0.00	Ref Node:	Ref Node:
Bend Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Location: 0.00 dec	Top Clip	

Energy Switch: Energy	Default: 0.00 ft	Default: 0.00 ft
	Op Table:	Op Table:
	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: L116		
	Upstream	Downstream
Scenario: PRE BASINS	Invert: 18.50 ft	Invert: 18.30 ft
From Node: ND115	Manning's N: 0.0100	Manning's N: 0.0100
To Node: ND116	Geometry: Circular	Geometry: Circular
Link Count: 2	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 90.00 ft	Op Table:	Op Table:
FHWA Code: 2	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: L117		
	Upstream	Downstream
Scenario: PRE BASINS	Invert: 18.50 ft	Invert: 18.30 ft
From Node: ND115	Manning's N: 0.0100	Manning's N: 0.0100
To Node: ND116	Geometry: Circular	Geometry: Circular
Link Count: 3	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 90.00 ft	Op Table:	Op Table:
FHWA Code: 2	Ref Node:	Ref Node:
Entr Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef: 0.00	Top Clip	
Bend Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location: 0.00 dec	Op Table:	Op Table:
Energy Switch: Energy	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment:

Pipe Link: L118		
	Upstream	Downstream
Scenario: PRE BASINS	Invert: 18.50 ft	Invert: 18.30 ft

From Node:	ND115	Manning's N:	0.0100	Manning's N:	0.0100
To Node:	ND116	Geometry:	Circular	Geometry:	Circular
Link Count:	2	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	90.00 ft	Op Table:		Op Table:	
FHWA Code:	2	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: L119		Upstream	Downstream		
Scenario:	PRE BASINS	Invert:	18.50 ft	Invert:	18.30 ft
From Node:	ND115	Manning's N:	0.0100	Manning's N:	0.0100
To Node:	ND116	Geometry:	Circular	Geometry:	Circular
Link Count:	2	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	90.00 ft	Op Table:		Op Table:	
FHWA Code:	2	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Weir Link: L12		Bottom Clip	
Scenario:	PRE BASINS	Default:	0.00 ft
From Node:	ND12	Op Table:	
To Node:	NWL12	Ref Node:	
Link Count:	1	Top Clip	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Broad Crested Vertical	Ref Node:	
Geometry Type:	Irregular	Discharge Coefficients	
Invert:	23.30 ft	Weir Default:	2.800
Control Elevation:	23.30 ft	Weir Table:	
Cross Section:	WL12	Orifice Default:	0.600

Orifice Table:

Comment:

Weir Link: L120 WEIR

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND116	Default: 0.00 ft
To Node:	OUTFALL	Op Table:
Link Count:	3	Ref Node:
Flow Direction:	None	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Rectangular	Ref Node:
Invert:	19.00 ft	Discharge Coefficients
Control Elevation:	19.00 ft	Weir Default: 2.800
Max Depth:	7.00 ft	Weir Table:
Max Width:	6.00 ft	Orifice Default: 0.600
Fillet:	0.00 ft	Orifice Table:

Comment: Tailwater Elevation based on

Weir Link: L13

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND13	Default: 0.00 ft
To Node:	NWL13	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	23.30 ft	Discharge Coefficients
Control Elevation:	23.30 ft	Weir Default: 2.800
Cross Section:	WL13	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L14

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND14	Default: 0.00 ft
To Node:	NWL14	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 23.60 ft
 Control Elevation: 23.60 ft
 Cross Section: WL14

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L15

Scenario: PRE BASINS
 From Node: ND15
 To Node: NWL15
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.45 ft
 Control Elevation: 21.45 ft
 Cross Section: WL15

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L16

Scenario: PRE BASINS
 From Node: ND16
 To Node: NWL16
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.00 ft
 Control Elevation: 21.00 ft
 Cross Section: WL16

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L17	
Scenario: PRE BASINS	Bottom Clip
From Node: ND17	Default: 0.00 ft
To Node: NWL17	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.80 ft	Discharge Coefficients
Control Elevation: 20.80 ft	Weir Default: 2.800
Cross Section: WL17	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L18	
Scenario: PRE BASINS	Bottom Clip
From Node: ND18	Default: 0.00 ft
To Node: NWL18	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.45 ft	Discharge Coefficients
Control Elevation: 20.45 ft	Weir Default: 2.800
Cross Section: WL18	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L19	
Scenario: PRE BASINS	Bottom Clip
From Node: ND19	Default: 0.00 ft
To Node: NWL19	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.06 ft	Discharge Coefficients
Control Elevation: 21.06 ft	Weir Default: 2.800
Cross Section: WL19	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L20

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND20	Default: 0.00 ft
To Node:	NWL20	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.40 ft	Discharge Coefficients
Control Elevation:	21.40 ft	Weir Default: 2.800
Cross Section:	WL20	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L21

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND21	Default: 0.00 ft
To Node:	NWL21	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	20.90 ft	Discharge Coefficients
Control Elevation:	20.90 ft	Weir Default: 2.800
Cross Section:	WL21	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L22

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND22	Default: 0.00 ft
To Node:	NWL22	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.40 ft
 Control Elevation: 20.40 ft
 Cross Section: WL22

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L23

Scenario: PRE BASINS
 From Node: ND23
 To Node: NWL23
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.00 ft
 Control Elevation: 21.00 ft
 Cross Section: WL23

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L24

Scenario: PRE BASINS
 From Node: ND24
 To Node: NWL24
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.30 ft
 Control Elevation: 20.30 ft
 Cross Section: WL24

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L25	
Scenario: PRE BASINS	Bottom Clip
From Node: ND25	Default: 0.00 ft
To Node: NWL25	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.10 ft	Discharge Coefficients
Control Elevation: 21.10 ft	Weir Default: 2.800
Cross Section: WL25	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L26	
Scenario: PRE BASINS	Bottom Clip
From Node: ND26	Default: 0.00 ft
To Node: NWL26	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.90 ft	Discharge Coefficients
Control Elevation: 20.90 ft	Weir Default: 2.800
Cross Section: WL26	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L27	
Scenario: PRE BASINS	Bottom Clip
From Node: ND27	Default: 0.00 ft
To Node: NWL27	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.00 ft	Discharge Coefficients
Control Elevation: 21.00 ft	Weir Default: 2.800
Cross Section: WL27	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L28

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND28	Default: 0.00 ft
To Node:	NWL28	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.43 ft	Discharge Coefficients
Control Elevation:	21.43 ft	Weir Default: 2.800
Cross Section:	WL28	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L29

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND29	Default: 0.00 ft
To Node:	NWL29	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.35 ft	Discharge Coefficients
Control Elevation:	21.35 ft	Weir Default: 2.800
Cross Section:	WL29	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L30

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND30	Default: 0.00 ft
To Node:	NWL30	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.32 ft
 Control Elevation: 21.32 ft
 Cross Section: WL30

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L31

Scenario: PRE BASINS
 From Node: ND31
 To Node: NWL31
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL31

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L32

Scenario: PRE BASINS
 From Node: ND32
 To Node: NWL32
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.10 ft
 Control Elevation: 22.10 ft
 Cross Section: WL32

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L33	
Scenario: PRE BASINS	Bottom Clip
From Node: ND33	Default: 0.00 ft
To Node: NWL33	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.80 ft	Discharge Coefficients
Control Elevation: 20.80 ft	Weir Default: 2.800
Cross Section: WL33	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L34	
Scenario: PRE BASINS	Bottom Clip
From Node: ND34	Default: 0.00 ft
To Node: NWL34	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.10 ft	Discharge Coefficients
Control Elevation: 21.10 ft	Weir Default: 2.800
Cross Section: WL34	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L35	
Scenario: PRE BASINS	Bottom Clip
From Node: ND35	Default: 0.00 ft
To Node: NWL35	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.00 ft	Discharge Coefficients
Control Elevation: 21.00 ft	Weir Default: 2.800
Cross Section: WL35	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L36

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND36	Default: 0.00 ft
To Node:	NWL36	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	20.60 ft	Discharge Coefficients
Control Elevation:	20.60 ft	Weir Default: 2.800
Cross Section:	WL36	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L37

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND37	Default: 0.00 ft
To Node:	NWL37	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	20.80 ft	Discharge Coefficients
Control Elevation:	20.80 ft	Weir Default: 2.800
Cross Section:	WL37	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L38

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND38	Default: 0.00 ft
To Node:	NWL38	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.40 ft
 Control Elevation: 20.40 ft
 Cross Section: WL38

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L39

Scenario: PRE BASINS
 From Node: ND39
 To Node: NWL39
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.60 ft
 Control Elevation: 20.60 ft
 Cross Section: WL39

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L41

Scenario: PRE BASINS
 From Node: ND41
 To Node: NWL41
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.80 ft
 Control Elevation: 20.80 ft
 Cross Section: WL41

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L42	
Scenario: PRE BASINS	Bottom Clip
From Node: ND42	Default: 0.00 ft
To Node: NWL42	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.61 ft	Discharge Coefficients
Control Elevation: 21.61 ft	Weir Default: 2.800
Cross Section: WL42	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L43	
Scenario: PRE BASINS	Bottom Clip
From Node: ND43	Default: 0.00 ft
To Node: NWL43	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 20.70 ft	Discharge Coefficients
Control Elevation: 20.70 ft	Weir Default: 2.800
Cross Section: WL43	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L44	
Scenario: PRE BASINS	Bottom Clip
From Node: ND44	Default: 0.00 ft
To Node: NWL44	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.70 ft	Discharge Coefficients
Control Elevation: 21.70 ft	Weir Default: 2.800
Cross Section: WL44	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L45

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND45	Default: 0.00 ft
To Node:	NWL45	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.00 ft	Discharge Coefficients
Control Elevation:	21.00 ft	Weir Default: 2.800
Cross Section:	WL45	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L46

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND46	Default: 0.00 ft
To Node:	NWL46	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.35 ft	Discharge Coefficients
Control Elevation:	22.35 ft	Weir Default: 2.800
Cross Section:	WL46	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L47

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND47	Default: 0.00 ft
To Node:	NWL47	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.50 ft
 Control Elevation: 21.50 ft
 Cross Section: WL47

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L48

Scenario: PRE BASINS
 From Node: ND48
 To Node: NWL48
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.77 ft
 Control Elevation: 21.77 ft
 Cross Section: WL48

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L49

Scenario: PRE BASINS
 From Node: ND49
 To Node: NWL49
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.35 ft
 Control Elevation: 21.35 ft
 Cross Section: WL49

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L50	
Scenario: PRE BASINS	Bottom Clip
From Node: ND50	Default: 0.00 ft
To Node: NWL50	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 22.00 ft	Discharge Coefficients
Control Elevation: 22.00 ft	Weir Default: 2.800
Cross Section: WL50	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L51	
Scenario: PRE BASINS	Bottom Clip
From Node: ND51	Default: 0.00 ft
To Node: NWL51	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.20 ft	Discharge Coefficients
Control Elevation: 21.20 ft	Weir Default: 2.800
Cross Section: WL51	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L52	
Scenario: PRE BASINS	Bottom Clip
From Node: ND52	Default: 0.00 ft
To Node: NWL52	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.45 ft	Discharge Coefficients
Control Elevation: 21.45 ft	Weir Default: 2.800
Cross Section: WL52	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L53

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND53	Default: 0.00 ft
To Node:	NWL53	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.50 ft	Discharge Coefficients
Control Elevation:	21.50 ft	Weir Default: 2.800
Cross Section:	WL53	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L54

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND54	Default: 0.00 ft
To Node:	NWL54	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.30 ft	Discharge Coefficients
Control Elevation:	21.30 ft	Weir Default: 2.800
Cross Section:	WL54	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L55

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND55	Default: 0.00 ft
To Node:	NWL55	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.36 ft
 Control Elevation: 21.36 ft
 Cross Section: WL55

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L56

Scenario: PRE BASINS
 From Node: ND56
 To Node: NWL56
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL56

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L57

Scenario: PRE BASINS
 From Node: ND57
 To Node: NWL57
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL57

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L58	
Scenario: PRE BASINS	Bottom Clip
From Node: ND58	Default: 0.00 ft
To Node: NWL58	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.00 ft	Discharge Coefficients
Control Elevation: 21.00 ft	Weir Default: 2.800
Cross Section: WL58	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L59	
Scenario: PRE BASINS	Bottom Clip
From Node: ND59	Default: 0.00 ft
To Node: NWL59	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 22.50 ft	Discharge Coefficients
Control Elevation: 22.50 ft	Weir Default: 2.800
Cross Section: WL59	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L60	
Scenario: PRE BASINS	Bottom Clip
From Node: ND60	Default: 0.00 ft
To Node: NWL60	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.50 ft	Discharge Coefficients
Control Elevation: 21.50 ft	Weir Default: 2.800
Cross Section: WL60	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L61

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND61	Default: 0.00 ft
To Node:	NWL61	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.75 ft	Discharge Coefficients
Control Elevation:	21.75 ft	Weir Default: 2.800
Cross Section:	WL61	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L62

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND62	Default: 0.00 ft
To Node:	NWL62	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.75 ft	Discharge Coefficients
Control Elevation:	21.75 ft	Weir Default: 2.800
Cross Section:	WL62	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L63

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND63	Default: 0.00 ft
To Node:	NWL63	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.50 ft
 Control Elevation: 21.50 ft
 Cross Section: WL63

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L64

Scenario: PRE BASINS
 From Node: ND64
 To Node: NWL64
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL64

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L65

Scenario: PRE BASINS
 From Node: ND65
 To Node: NWL65
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.40 ft
 Control Elevation: 22.40 ft
 Cross Section: WL65

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L66	
Scenario:	PRE BASINS
From Node:	ND66
To Node:	NWL66
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.00 ft
Control Elevation:	22.00 ft
Cross Section:	WL66
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L67	
Scenario:	PRE BASINS
From Node:	ND67
To Node:	NWL67
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.70 ft
Control Elevation:	22.70 ft
Cross Section:	WL67
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L68	
Scenario:	PRE BASINS
From Node:	ND68
To Node:	NWL68
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.50 ft
Control Elevation:	22.50 ft
Cross Section:	WL68
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L69

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND69	Default: 0.00 ft
To Node:	NWL69	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.25 ft	Discharge Coefficients
Control Elevation:	22.25 ft	Weir Default: 2.800
Cross Section:	WL69	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L70

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND70	Default: 0.00 ft
To Node:	NWL70	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.48 ft	Discharge Coefficients
Control Elevation:	22.48 ft	Weir Default: 2.800
Cross Section:	WL70	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L71

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND71	Default: 0.00 ft
To Node:	NWL71	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.40 ft
 Control Elevation: 22.40 ft
 Cross Section: WL71

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L72

Scenario: PRE BASINS
 From Node: ND72
 To Node: NWL72
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL72

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L73

Scenario: PRE BASINS
 From Node: ND73
 To Node: NWL73
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.39 ft
 Control Elevation: 21.39 ft
 Cross Section: WL73

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L74	
Scenario:	PRE BASINS
From Node:	ND74
To Node:	NWL74
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.40 ft
Control Elevation:	22.40 ft
Cross Section:	WL74
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L75	
Scenario:	PRE BASINS
From Node:	ND75
To Node:	NWL75
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.22 ft
Control Elevation:	22.22 ft
Cross Section:	WL75
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L76	
Scenario:	PRE BASINS
From Node:	ND76
To Node:	NWL76
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	21.50 ft
Control Elevation:	21.50 ft
Cross Section:	WL76
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L77

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND77	Default: 0.00 ft
To Node:	NWL77	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.70 ft	Discharge Coefficients
Control Elevation:	22.70 ft	Weir Default: 2.800
Cross Section:	WL77	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L78

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND78	Default: 0.00 ft
To Node:	NWL78	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.40 ft	Discharge Coefficients
Control Elevation:	22.40 ft	Weir Default: 2.800
Cross Section:	WL78	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L79

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND79	Default: 0.00 ft
To Node:	NWL79	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.20 ft
 Control Elevation: 22.20 ft
 Cross Section: WL79

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L80

Scenario: PRE BASINS
 From Node: ND80
 To Node: NWL80
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.31 ft
 Control Elevation: 22.31 ft
 Cross Section: WL80

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L81

Scenario: PRE BASINS
 From Node: ND81
 To Node: NWL81
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL81

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L82	
Scenario:	PRE BASINS
From Node:	ND82
To Node:	NWL82
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.14 ft
Control Elevation:	22.14 ft
Cross Section:	WL82
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L83	
Scenario:	PRE BASINS
From Node:	ND83
To Node:	NWL83
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.50 ft
Control Elevation:	22.50 ft
Cross Section:	WL83
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L84	
Scenario:	PRE BASINS
From Node:	ND84
To Node:	NWL84
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	22.65 ft
Control Elevation:	22.65 ft
Cross Section:	WL84
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L85

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND85	Default: 0.00 ft
To Node:	NWL85	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	21.20 ft	Discharge Coefficients
Control Elevation:	21.20 ft	Weir Default: 2.800
Cross Section:	WL85	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L86

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND86	Default: 0.00 ft
To Node:	NWL86	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.00 ft	Discharge Coefficients
Control Elevation:	22.00 ft	Weir Default: 2.800
Cross Section:	WL86	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L87

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND87	Default: 0.00 ft
To Node:	NWL87	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.50 ft
 Control Elevation: 21.50 ft
 Cross Section: WL87

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L88

Scenario: PRE BASINS
 From Node: ND88
 To Node: NWL88
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL88

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L89

Scenario: PRE BASINS
 From Node: ND89
 To Node: NWL89
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 22.00 ft
 Control Elevation: 22.00 ft
 Cross Section: WL89

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L90	
Scenario: PRE BASINS	Bottom Clip
From Node: ND90	Default: 0.00 ft
To Node: NWL90	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.78 ft	Discharge Coefficients
Control Elevation: 21.78 ft	Weir Default: 2.800
Cross Section: WL90	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L91	
Scenario: PRE BASINS	Bottom Clip
From Node: ND91	Default: 0.00 ft
To Node: NWL91	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 22.00 ft	Discharge Coefficients
Control Elevation: 22.00 ft	Weir Default: 2.800
Cross Section: WL91	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L92	
Scenario: PRE BASINS	Bottom Clip
From Node: ND92	Default: 0.00 ft
To Node: NWL92	Op Table:
Link Count: 1	Ref Node:
Flow Direction: Both	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Irregular	Ref Node:
Invert: 21.30 ft	Discharge Coefficients
Control Elevation: 21.30 ft	Weir Default: 2.800
Cross Section: WL92	Weir Table:
	Orifice Default: 0.600

Orifice Table:

Comment:

Weir Link: L93

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND93	Default: 0.00 ft
To Node:	NWL93	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.30 ft	Discharge Coefficients
Control Elevation:	22.30 ft	Weir Default: 2.800
Cross Section:	WL93	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L94

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND94	Default: 0.00 ft
To Node:	NWL94	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip
Damping:	0.0000 ft	Default: 0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:
Geometry Type:	Irregular	Ref Node:
Invert:	22.00 ft	Discharge Coefficients
Control Elevation:	22.00 ft	Weir Default: 2.800
Cross Section:	WL94	Weir Table:
		Orifice Default: 0.600
		Orifice Table:

Comment:

Weir Link: L95

Scenario:	PRE BASINS	Bottom Clip
From Node:	ND95	Default: 0.00 ft
To Node:	NWL95	Op Table:
Link Count:	1	Ref Node:
Flow Direction:	Both	Top Clip

Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 20.60 ft
 Control Elevation: 20.60 ft
 Cross Section: WL95

Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L96

Scenario: PRE BASINS
 From Node: ND96
 To Node: NWL96
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.00 ft
 Control Elevation: 21.00 ft
 Cross Section: WL96

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L97

Scenario: PRE BASINS
 From Node: ND97
 To Node: NWL97
 Link Count: 1
 Flow Direction: Both
 Damping: 0.0000 ft
 Weir Type: Broad Crested Vertical
 Geometry Type: Irregular
 Invert: 21.00 ft
 Control Elevation: 21.00 ft
 Cross Section: WL97

Bottom Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Top Clip
 Default: 0.00 ft
 Op Table:
 Ref Node:
 Discharge Coefficients
 Weir Default: 2.800
 Weir Table:
 Orifice Default: 0.600
 Orifice Table:

Comment:

Weir Link: L98	
Scenario:	PRE BASINS
From Node:	ND98
To Node:	NWL98
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	20.00 ft
Control Elevation:	20.00 ft
Cross Section:	WL98
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Weir Link: L99	
Scenario:	PRE BASINS
From Node:	ND99
To Node:	NWL99
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	20.60 ft
Control Elevation:	20.60 ft
Cross Section:	WL99
	Bottom Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Top Clip
	Default: 0.00 ft
	Op Table:
	Ref Node:
	Discharge Coefficients
	Weir Default: 2.800
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Comment:	

Percolation Link: PL01	
Scenario:	PRE BASINS
From Node:	NWL01
To Node:	GW PERC. WL01
Link Count:	1
Flow Direction:	Both
Aquifer Base Elevation:	8.00 ft
Water Table Elevation:	21.44 ft
Annual Recharge Rate:	0 ipy
Horizontal Conductivity:	10.000 fpd
Vertical Conductivity:	20.000 fpd
Fillable Porosity:	0.300
Layer Thickness:	1.00 ft
Surface Area Option:	Vary Based on Stage/Area Table
Vertical Flow Termination:	Horizontal Flow Algorithm
Perimeter 1:	1055.11 ft
Perimeter 2:	1389.96 ft
Perimeter 3:	4403.62 ft
Distance P1 to P2:	50.00 ft
Distance P2 to P3:	450.00 ft
# of Cells P1 to P2:	10
# of Cells P2 to P3:	45

Comment:

Percolation Link: PL02

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL02		
To Node:	GW PERC. WL02	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	1130.38 ft
Flow Direction:	Both	Perimeter 2:	1479.08 ft
Aquifer Base Elevation:	8.00 ft	Perimeter 3:	4617.41 ft
Water Table Elevation:	21.81 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	10.000 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	20.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL03

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL03		
To Node:	GW PERC. WL03	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	1055.11 ft
Flow Direction:	Both	Perimeter 2:	1389.96 ft
Aquifer Base Elevation:	8.00 ft	Perimeter 3:	4403.62 ft
Water Table Elevation:	22.70 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	10.000 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	20.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL10

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL10		
To Node:	GW Perc. WL10	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	3585.89 ft
Flow Direction:	Both	Perimeter 2:	3787.69 ft
Aquifer Base Elevation:	8.00 ft	Perimeter 3:	8227.36 ft
Water Table Elevation:	22.24 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	10.000 fpd	# of Cells P1 to P2:	10

Vertical Conductivity: 20.000 fpd
 Fillable Porosity: 0.300
 Layer Thickness: 1.00 ft

of Cells P2 to P3: 45

Comment:

Percolation Link: PL100

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL100	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL100	Perimeter 1:	1270.68 ft
Link Count:	1	Perimeter 2:	1630.21 ft
Flow Direction:	Both	Perimeter 3:	4865.94 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.50 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL101

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL101	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL101	Perimeter 1:	1017.33 ft
Link Count:	1	Perimeter 2:	1391.00 ft
Flow Direction:	Both	Perimeter 3:	4754.01 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	18.71 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL102

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL102	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL102	Perimeter 1:	781.96 ft
Link Count:	1	Perimeter 2:	1125.72 ft
Flow Direction:	Both	Perimeter 3:	4219.54 ft
Aquifer Base Elevation:	8.00 ft		

Water Table Elevation:	20.45 ft	
Annual Recharge Rate:	0 ipy	Distance P1 to P2: 50.00 ft
Horizontal Conductivity:	10.000 fpd	Distance P2 to P3: 450.00 ft
Vertical Conductivity:	20.000 fpd	# of Cells P1 to P2: 10
Fillable Porosity:	0.300	# of Cells P2 to P3: 45
Layer Thickness:	0.00 ft	

Comment:

Percolation Link: PL103

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL103	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL103	Perimeter 1:	8429.27 ft
Link Count:	1	Perimeter 2:	8500.00 ft
Flow Direction:	Both	Perimeter 3:	12085.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	18.81 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL104

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL104	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL104	Perimeter 1:	5571.26 ft
Link Count:	1	Perimeter 2:	5600.00 ft
Flow Direction:	Both	Perimeter 3:	8676.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.30 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL105

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL105	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL105		

Link Count:	1	
Flow Direction:	Both	Perimeter 1: 721.15 ft
Aquifer Base Elevation:	8.00 ft	Perimeter 2: 1100.04 ft
Water Table Elevation:	19.44 ft	Perimeter 3: 4510.08 ft
Annual Recharge Rate:	0 ipy	Distance P1 to P2: 50.00 ft
Horizontal Conductivity:	10.000 fpd	Distance P2 to P3: 450.00 ft
Vertical Conductivity:	20.000 fpd	# of Cells P1 to P2: 10
Fillable Porosity:	0.300	# of Cells P2 to P3: 45
Layer Thickness:	0.00 ft	

Comment:

Percolation Link: PL106

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL106	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL106	Perimeter 1:	790.97 ft
Link Count:	1	Perimeter 2:	1139.34 ft
Flow Direction:	Both	Perimeter 3:	4274.65 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.80 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL107

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL107	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL107	Perimeter 1:	957.82 ft
Link Count:	1	Perimeter 2:	1290.95 ft
Flow Direction:	Both	Perimeter 3:	4289.11 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.36 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL108

Scenario: PRE BASINS From Node: NWL108 To Node: GW PERC. WL108 Link Count: 1 Flow Direction: Both Aquifer Base Elevation: 8.00 ft Water Table Elevation: 20.38 ft Annual Recharge Rate: 0 ipy Horizontal Conductivity: 10.000 fpd Vertical Conductivity: 20.000 fpd Fillable Porosity: 0.300 Layer Thickness: 0.00 ft	Surface Area Option: Vary Based on Stage/Area Table Vertical Flow Termination: Horizontal Flow Algorithm Perimeter 1: 2682.37 ft Perimeter 2: 3009.82 ft Perimeter 3: 6450.25 ft Distance P1 to P2: 50.00 ft Distance P2 to P3: 450.00 ft # of Cells P1 to P2: 10 # of Cells P2 to P3: 45
Comment:	

Percolation Link: PL109	
Scenario: PRE BASINS From Node: NWL109 To Node: GW PERC. WL109 Link Count: 1 Flow Direction: Both Aquifer Base Elevation: 8.00 ft Water Table Elevation: 21.35 ft Annual Recharge Rate: 0 ipy Horizontal Conductivity: 10.000 fpd Vertical Conductivity: 20.000 fpd Fillable Porosity: 0.300 Layer Thickness: 0.00 ft	Surface Area Option: Vary Based on Stage/Area Table Vertical Flow Termination: Horizontal Flow Algorithm Perimeter 1: 1453.97 ft Perimeter 2: 1786.64 ft Perimeter 3: 4780.70 ft Distance P1 to P2: 50.00 ft Distance P2 to P3: 450.00 ft # of Cells P1 to P2: 10 # of Cells P2 to P3: 45
Comment:	

Percolation Link: PL11	
Scenario: PRE BASINS From Node: NWL11 To Node: GW Perc. WL11 Link Count: 1 Flow Direction: Both Aquifer Base Elevation: 8.00 ft Water Table Elevation: 21.25 ft Annual Recharge Rate: 0 ipy Horizontal Conductivity: 10.000 fpd Vertical Conductivity: 20.000 fpd Fillable Porosity: 0.300 Layer Thickness: 1.00 ft	Surface Area Option: Vary Based on Stage/Area Table Vertical Flow Termination: Horizontal Flow Algorithm Perimeter 1: 2451.93 ft Perimeter 2: 2927.19 ft Perimeter 3: 6803.72 ft Distance P1 to P2: 50.00 ft Distance P2 to P3: 450.00 ft # of Cells P1 to P2: 10 # of Cells P2 to P3: 45
Comment:	

Percolation Link: PL110

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL110	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL110	Perimeter 1:	1170.87 ft
Link Count:	1	Perimeter 2:	2120.23 ft
Flow Direction:	Both	Perimeter 3:	5303.85 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.20 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL111

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL111	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL111	Perimeter 1:	3273.50 ft
Link Count:	1	Perimeter 2:	3396.93 ft
Flow Direction:	Both	Perimeter 3:	6435.88 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL112

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL112	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL112	Perimeter 1:	1043.61 ft
Link Count:	1	Perimeter 2:	1409.32 ft
Flow Direction:	Both	Perimeter 3:	4700.66 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL12

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL12	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL12	Perimeter 1:	1531.06 ft
Link Count:	1	Perimeter 2:	1854.00 ft
Flow Direction:	Both	Perimeter 3:	4760.41 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.65 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL13

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL13	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL13	Perimeter 1:	1464.20 ft
Link Count:	1	Perimeter 2:	1884.11 ft
Flow Direction:	Both	Perimeter 3:	5448.42 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.02 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL14

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL14	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL14	Perimeter 1:	2898.36 ft
Link Count:	1	Perimeter 2:	3431.30 ft
Flow Direction:	Both	Perimeter 3:	8434.48 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.02 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL15			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL15	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL15	Perimeter 1:	1992.14 ft
Link Count:	1	Perimeter 2:	2334.66 ft
Flow Direction:	Both	Perimeter 3:	5416.83 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.11 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL16			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL16	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL16	Perimeter 1:	2530.88 ft
Link Count:	1	Perimeter 2:	2992.65 ft
Flow Direction:	Both	Perimeter 3:	7318.72 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.46 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL17			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL17	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL17	Perimeter 1:	1713.17 ft
Link Count:	1	Perimeter 2:	2036.58 ft
Flow Direction:	Both	Perimeter 3:	5901.39 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.62 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL18

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL18	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL18	Perimeter 1:	4695.79 ft
Link Count:	1	Perimeter 2:	4987.93 ft
Flow Direction:	Both	Perimeter 3:	8377.33 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.79 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL19

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL19	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL19	Perimeter 1:	2999.22 ft
Link Count:	1	Perimeter 2:	3277.88 ft
Flow Direction:	Both	Perimeter 3:	6197.35 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.43 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL20

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL20	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL20	Perimeter 1:	875.30 ft
Link Count:	1	Perimeter 2:	1201.24 ft
Flow Direction:	Both	Perimeter 3:	4134.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.06 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL21

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL21	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL21	Perimeter 1:	1789.74 ft
Link Count:	1	Perimeter 2:	2149.14 ft
Flow Direction:	Both	Perimeter 3:	5509.70 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL22

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL22	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL22	Perimeter 1:	1716.17 ft
Link Count:	1	Perimeter 2:	2061.21 ft
Flow Direction:	Both	Perimeter 3:	5166.64 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.09 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL23

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL23	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL23	Perimeter 1:	1155.56 ft
Link Count:	1	Perimeter 2:	1486.36 ft
Flow Direction:	Both	Perimeter 3:	4463.57 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.35 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL24

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL24	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL24	Perimeter 1:	768.30 ft
Link Count:	1	Perimeter 2:	1108.28 ft
Flow Direction:	Both	Perimeter 3:	4168.16 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.30 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL25

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL25	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL25	Perimeter 1:	628.37 ft
Link Count:	1	Perimeter 2:	1005.08 ft
Flow Direction:	Both	Perimeter 3:	4395.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.92 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL26

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL26	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL26	Perimeter 1:	1674.42 ft
Link Count:	1	Perimeter 2:	1959.96 ft
Flow Direction:	Both	Perimeter 3:	4920.99 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.23 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL27

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL27	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL27	Perimeter 1:	2094.51 ft
Link Count:	1	Perimeter 2:	2418.60 ft
Flow Direction:	Both	Perimeter 3:	5356.82 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.38 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL28

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL28	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL28	Perimeter 1:	1037.86 ft
Link Count:	1	Perimeter 2:	1366.04 ft
Flow Direction:	Both	Perimeter 3:	4319.66 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.81 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL29

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL29	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL29	Perimeter 1:	1132.31 ft
Link Count:	1	Perimeter 2:	1906.75 ft
Flow Direction:	Both	Perimeter 3:	8876.28 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.43 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL30

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL30	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL30	Perimeter 1:	3526.29 ft
Link Count:	1	Perimeter 2:	3897.69 ft
Flow Direction:	Both	Perimeter 3:	7058.85 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.67 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL31

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL31	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL31	Perimeter 1:	1726.98 ft
Link Count:	1	Perimeter 2:	2096.61 ft
Flow Direction:	Both	Perimeter 3:	5512.27 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.32 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL32

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL32	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL32	Perimeter 1:	7794.17 ft
Link Count:	1	Perimeter 2:	8012.08 ft
Flow Direction:	Both	Perimeter 3:	10538.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.02 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL33			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL33	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL33	Perimeter 1:	1782.95 ft
Link Count:	1	Perimeter 2:	2289.88 ft
Flow Direction:	Both	Perimeter 3:	6804.18 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.42 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL34			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL34	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL34	Perimeter 1:	2217.60 ft
Link Count:	1	Perimeter 2:	2691.58 ft
Flow Direction:	Both	Perimeter 3:	6896.75 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.95 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL35			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL35	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL35	Perimeter 1:	1273.71 ft
Link Count:	1	Perimeter 2:	1610.32 ft
Flow Direction:	Both	Perimeter 3:	4639.75 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL36

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL36	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL36	Perimeter 1:	988.19 ft
Link Count:	1	Perimeter 2:	1323.58 ft
Flow Direction:	Both	Perimeter 3:	4342.08 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL37

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL37	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL37	Perimeter 1:	2142.05 ft
Link Count:	1	Perimeter 2:	2468.32 ft
Flow Direction:	Both	Perimeter 3:	5404.76 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL38

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL38	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL38	Perimeter 1:	670.54 ft
Link Count:	1	Perimeter 2:	1032.33 ft
Flow Direction:	Both	Perimeter 3:	4288.43 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL39

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL39	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL39	Perimeter 1:	1055.11 ft
Link Count:	1	Perimeter 2:	1389.96 ft
Flow Direction:	Both	Perimeter 3:	4403.62 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.60 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL41

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL41	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL41	Perimeter 1:	708.48 ft
Link Count:	1	Perimeter 2:	1051.27 ft
Flow Direction:	Both	Perimeter 3:	4136.40 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.74 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL42

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL42	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL42	Perimeter 1:	656.57 ft
Link Count:	1	Perimeter 2:	989.29 ft
Flow Direction:	Both	Perimeter 3:	3983.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.61 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL43

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL43	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL43	Perimeter 1:	1318.77 ft
Link Count:	1	Perimeter 2:	1647.47 ft
Flow Direction:	Both	Perimeter 3:	4605.80 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.02 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL44

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL44	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL44	Perimeter 1:	987.90 ft
Link Count:	1	Perimeter 2:	1326.51 ft
Flow Direction:	Both	Perimeter 3:	4373.95 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.16 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL45

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL45	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL45	Perimeter 1:	1270.68 ft
Link Count:	1	Perimeter 2:	1630.21 ft
Flow Direction:	Both	Perimeter 3:	4865.94 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL46

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL46	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL46	Perimeter 1:	1017.33 ft
Link Count:	1	Perimeter 2:	1391.00 ft
Flow Direction:	Both	Perimeter 3:	4754.01 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.82 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL47

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL47	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL47	Perimeter 1:	781.96 ft
Link Count:	1	Perimeter 2:	1125.72 ft
Flow Direction:	Both	Perimeter 3:	4219.54 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.77 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL48

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL48	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL48	Perimeter 1:	8429.27 ft
Link Count:	1	Perimeter 2:	8500.00 ft
Flow Direction:	Both	Perimeter 3:	12085.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.66 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL49

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL49	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL49	Perimeter 1:	5571.26 ft
Link Count:	1	Perimeter 2:	5600.00 ft
Flow Direction:	Both	Perimeter 3:	8676.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.69 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL50

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL50	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL50	Perimeter 1:	721.15 ft
Link Count:	1	Perimeter 2:	1100.04 ft
Flow Direction:	Both	Perimeter 3:	4510.08 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.84 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL51

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL51	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL51	Perimeter 1:	790.97 ft
Link Count:	1	Perimeter 2:	1139.34 ft
Flow Direction:	Both	Perimeter 3:	4274.65 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.10 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL52			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL52	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL52	Perimeter 1:	957.82 ft
Link Count:	1	Perimeter 2:	1290.95 ft
Flow Direction:	Both	Perimeter 3:	4289.11 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.82 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL53			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL53	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL53	Perimeter 1:	2682.37 ft
Link Count:	1	Perimeter 2:	3009.82 ft
Flow Direction:	Both	Perimeter 3:	6450.25 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.42 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL54			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL54	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL54	Perimeter 1:	1453.97 ft
Link Count:	1	Perimeter 2:	1786.64 ft
Flow Direction:	Both	Perimeter 3:	4780.70 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.87 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL55

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL55	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL55	Perimeter 1:	1170.87 ft
Link Count:	1	Perimeter 2:	2120.23 ft
Flow Direction:	Both	Perimeter 3:	5303.85 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.36 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL56

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL56	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL56	Perimeter 1:	3273.50 ft
Link Count:	1	Perimeter 2:	3396.93 ft
Flow Direction:	Both	Perimeter 3:	6435.88 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.77 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL57

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL57	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL57	Perimeter 1:	1043.61 ft
Link Count:	1	Perimeter 2:	1409.32 ft
Flow Direction:	Both	Perimeter 3:	4700.66 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.86 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL58

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL58	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL58	Perimeter 1:	775.55 ft
Link Count:	1	Perimeter 2:	1161.70 ft
Flow Direction:	Both	Perimeter 3:	4637.03 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.28 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL59

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL59	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL59	Perimeter 1:	1353.48 ft
Link Count:	1	Perimeter 2:	1681.87 ft
Flow Direction:	Both	Perimeter 3:	4637.33 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.81 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL6

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL06	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL06	Perimeter 1:	4758.87 ft
Link Count:	1	Perimeter 2:	5054.35 ft
Flow Direction:	Both	Perimeter 3:	8620.50 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.56 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL60

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL60	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL60	Perimeter 1:	3041.33 ft
Link Count:	1	Perimeter 2:	3403.26 ft
Flow Direction:	Both	Perimeter 3:	6724.89 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.19 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL61

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL61	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL61	Perimeter 1:	2633.13 ft
Link Count:	1	Perimeter 2:	3004.00 ft
Flow Direction:	Both	Perimeter 3:	6212.00 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.63 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL62

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL62	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL62	Perimeter 1:	4758.87 ft
Link Count:	1	Perimeter 2:	5054.35 ft
Flow Direction:	Both	Perimeter 3:	8620.50 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.29 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL63

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL63	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL63	Perimeter 1:	926.23 ft
Link Count:	1	Perimeter 2:	1330.44 ft
Flow Direction:	Both	Perimeter 3:	4931.90 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.14 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL64

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL64	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL64	Perimeter 1:	3147.74 ft
Link Count:	1	Perimeter 2:	3624.05 ft
Flow Direction:	Both	Perimeter 3:	7709.76 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.16 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL65

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL65	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL65	Perimeter 1:	691.69 ft
Link Count:	1	Perimeter 2:	1123.44 ft
Flow Direction:	Both	Perimeter 3:	5030.13 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.12 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL66

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL66	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL66	Perimeter 1:	3585.89 ft
Link Count:	1	Perimeter 2:	3787.69 ft
Flow Direction:	Both	Perimeter 3:	8227.36 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.67 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL67

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL67	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL67	Perimeter 1:	2451.93 ft
Link Count:	1	Perimeter 2:	2927.19 ft
Flow Direction:	Both	Perimeter 3:	6803.72 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.02 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL68

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL68	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL68	Perimeter 1:	1531.06 ft
Link Count:	1	Perimeter 2:	1854.00 ft
Flow Direction:	Both	Perimeter 3:	4760.41 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.46 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL69

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL69	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL69	Perimeter 1:	1464.20 ft
Link Count:	1	Perimeter 2:	1884.11 ft
Flow Direction:	Both	Perimeter 3:	5448.42 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.25 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL7

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL07	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL07	Perimeter 1:	926.23 ft
Link Count:	1	Perimeter 2:	1330.44 ft
Flow Direction:	Both	Perimeter 3:	4931.90 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.87 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL70

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL70	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL70	Perimeter 1:	2898.36 ft
Link Count:	1	Perimeter 2:	3431.30 ft
Flow Direction:	Both	Perimeter 3:	8434.48 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.48 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL71

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL71	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL71	Perimeter 1:	1992.14 ft
Link Count:	1	Perimeter 2:	2334.66 ft
Flow Direction:	Both	Perimeter 3:	5416.83 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.44 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL72

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL72	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL72	Perimeter 1:	2530.88 ft
Link Count:	1	Perimeter 2:	2992.65 ft
Flow Direction:	Both	Perimeter 3:	7318.72 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.41 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL73

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL73	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL73	Perimeter 1:	1713.17 ft
Link Count:	1	Perimeter 2:	2036.58 ft
Flow Direction:	Both	Perimeter 3:	5901.39 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.39 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL74

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL74	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL74	Perimeter 1:	4695.79 ft
Link Count:	1	Perimeter 2:	4987.93 ft
Flow Direction:	Both	Perimeter 3:	8377.33 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.28 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL75

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL75	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL75	Perimeter 1:	2999.22 ft
Link Count:	1	Perimeter 2:	3277.88 ft
Flow Direction:	Both	Perimeter 3:	6197.35 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.22 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL76

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL76	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL76	Perimeter 1:	875.30 ft
Link Count:	1	Perimeter 2:	1201.24 ft
Flow Direction:	Both	Perimeter 3:	4134.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.73 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL77

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL77	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL77	Perimeter 1:	1789.74 ft
Link Count:	1	Perimeter 2:	2149.14 ft
Flow Direction:	Both	Perimeter 3:	5509.70 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.86 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL78

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL78	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL78	Perimeter 1:	1716.17 ft
Link Count:	1	Perimeter 2:	2061.21 ft
Flow Direction:	Both	Perimeter 3:	5166.64 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.72 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL79

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL79	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL79	Perimeter 1:	1155.56 ft
Link Count:	1	Perimeter 2:	1486.36 ft
Flow Direction:	Both	Perimeter 3:	4463.57 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.96 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL8

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL08	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL08	Perimeter 1:	3147.74 ft
Link Count:	1	Perimeter 2:	3624.05 ft
Flow Direction:	Both	Perimeter 3:	7709.76 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.25 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		

Comment:

Percolation Link: PL80

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL80	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL80	Perimeter 1:	768.30 ft
Link Count:	1	Perimeter 2:	1108.28 ft
Flow Direction:	Both	Perimeter 3:	4168.16 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.31 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL81

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL81	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL81	Perimeter 1:	628.37 ft
Link Count:	1	Perimeter 2:	1005.08 ft
Flow Direction:	Both	Perimeter 3:	4395.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.66 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL82

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL82	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL82	Perimeter 1:	1674.42 ft
Link Count:	1	Perimeter 2:	1959.96 ft
Flow Direction:	Both	Perimeter 3:	4920.99 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.14 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL83

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL83	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL83	Perimeter 1:	2094.51 ft
Link Count:	1	Perimeter 2:	2418.60 ft
Flow Direction:	Both	Perimeter 3:	5356.82 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	22.21 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL84

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL84	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL84	Perimeter 1:	1037.86 ft
Link Count:	1	Perimeter 2:	1366.04 ft
Flow Direction:	Both	Perimeter 3:	4319.66 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.90 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL85

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL85	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL85	Perimeter 1:	1132.31 ft
Link Count:	1	Perimeter 2:	1906.75 ft
Flow Direction:	Both	Perimeter 3:	8876.28 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.47 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL86

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL86	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL86	Perimeter 1:	3526.29 ft
Link Count:	1	Perimeter 2:	3897.69 ft
Flow Direction:	Both	Perimeter 3:	7058.85 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.71 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL87

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL87	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL87	Perimeter 1:	1726.98 ft
Link Count:	1	Perimeter 2:	2096.61 ft
Flow Direction:	Both	Perimeter 3:	5512.27 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.25 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL88			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL88	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL88	Perimeter 1:	7794.17 ft
Link Count:	1	Perimeter 2:	8012.08 ft
Flow Direction:	Both	Perimeter 3:	10538.45 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.18 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		
Comment:			

Percolation Link: PL89			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL89	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL89	Perimeter 1:	1782.95 ft
Link Count:	1	Perimeter 2:	2289.88 ft
Flow Direction:	Both	Perimeter 3:	6804.18 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.99 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		
Comment:			

Percolation Link: PL9			
Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL09	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL09	Perimeter 1:	691.69 ft
Link Count:	1	Perimeter 2:	1123.44 ft
Flow Direction:	Both	Perimeter 3:	5030.13 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.74 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: PL90

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL90	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL90	Perimeter 1:	2217.60 ft
Link Count:	1	Perimeter 2:	2691.58 ft
Flow Direction:	Both	Perimeter 3:	6896.75 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.78 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL91

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL91	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL91	Perimeter 1:	1273.71 ft
Link Count:	1	Perimeter 2:	1610.32 ft
Flow Direction:	Both	Perimeter 3:	4639.75 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.41 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL92

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL92	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL92	Perimeter 1:	988.19 ft
Link Count:	1	Perimeter 2:	1323.58 ft
Flow Direction:	Both	Perimeter 3:	4342.08 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.03 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL93

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL93	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL93	Perimeter 1:	2142.05 ft
Link Count:	1	Perimeter 2:	2468.32 ft
Flow Direction:	Both	Perimeter 3:	5404.76 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	21.84 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL94

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL94	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL94	Perimeter 1:	670.54 ft
Link Count:	1	Perimeter 2:	1032.33 ft
Flow Direction:	Both	Perimeter 3:	4288.43 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.74 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL95

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL95	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL95	Perimeter 1:	708.48 ft
Link Count:	1	Perimeter 2:	1051.27 ft
Flow Direction:	Both	Perimeter 3:	4136.40 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.15 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL96

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL96	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW Perc. WL96	Perimeter 1:	1130.38 ft
Link Count:	1	Perimeter 2:	1479.08 ft
Flow Direction:	Both	Perimeter 3:	4617.41 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	20.46 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL97

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL97	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL97	Perimeter 1:	656.57 ft
Link Count:	1	Perimeter 2:	989.29 ft
Flow Direction:	Both	Perimeter 3:	3983.77 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.85 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL98

Scenario:	PRE BASINS	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	NWL98	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GW PERC. WL98	Perimeter 1:	1318.77 ft
Link Count:	1	Perimeter 2:	1647.47 ft
Flow Direction:	Both	Perimeter 3:	4605.80 ft
Aquifer Base Elevation:	8.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	19.28 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	10.000 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	20.000 fpd		
Fillable Porosity:	0.300		
Layer Thickness:	0.00 ft		

Comment:

Percolation Link: PL99	
Scenario:	PRE BASINS
From Node:	NWL99
To Node:	GW PERC. WL99
Link Count:	1
Flow Direction:	Both
Aquifer Base Elevation:	8.00 ft
Water Table Elevation:	19.69 ft
Annual Recharge Rate:	0 ipy
Horizontal Conductivity:	10.000 fpd
Vertical Conductivity:	20.000 fpd
Fillable Porosity:	0.300
Layer Thickness:	0.00 ft
Surface Area Option:	Vary Based on Stage/Area Table
Vertical Flow Termination:	Horizontal Flow Algorithm
Perimeter 1:	987.90 ft
Perimeter 2:	1326.51 ft
Perimeter 3:	4373.95 ft
Distance P1 to P2:	50.00 ft
Distance P2 to P3:	450.00 ft
# of Cells P1 to P2:	10
# of Cells P2 to P3:	45
Comment:	

Link Min/Max Conditions with Times [PRE BASINS]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
B112-W L112	03 year 24 hour	10.92	0.00	-0.02	0.25	0.25	12.0003	0.0000	24.2628	9.0176	9.0176
L01	03 year 24 hour	0.60	0.00	0.00	0.00	0.00	15.1231	0.0000	15.0002	0.0000	0.0000
L02	03 year 24 hour	8.22	0.00	-0.11	0.03	0.03	13.3850	0.0000	19.3119	20.0390	20.0390
L03	03 year 24 hour	0.68	-0.27	0.00	0.00	0.00	12.3668	6.4270	24.1409	7.5385	7.5385
L06	03 year 24 hour	3.56	-2.82	-0.01	0.00	0.00	13.3880	7.9107	22.9734	9.7050	9.7050
L07	03 year 24 hour	2.20	0.00	-0.03	0.01	0.01	12.6070	0.0000	17.4815	18.6331	18.6331
L08	03 year 24 hour	5.23	0.00	0.00	0.03	0.03	11.0627	0.0000	22.4201	11.5467	11.5467
L09	03 year 24 hour	0.50	0.00	0.00	0.01	0.01	10.9951	0.0000	22.4057	11.4993	11.4993
L10	03 year 24 hour	4.77	0.00	0.00	0.02	0.02	13.2842	0.0000	22.9734	10.7715	10.7715
L100	03 year 24 hour	0.26	-0.12	0.00	0.00	0.00	12.1531	4.0507	2.1215	2.9523	2.9523
L101	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L102	03 year 24 hour	0.44	0.00	0.00	0.00	0.00	12.1517	4.7133	4.7269	6.7170	6.7170
L103	03 year 24 hour	2.72	0.00	0.00	0.06	0.06	11.1371	0.0000	11.1441	11.3929	11.3929

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L104	03 year 24 hour	1.86	0.00	0.00	0.05	0.05	11.5836	0.0000	22.4201	10.3996	10.3996
L105	03 year 24 hour	1.60	-0.12	-1.38	0.01	0.01	12.0334	21.0318	21.0305	21.8576	21.8576
L106	03 year 24 hour	0.48	-0.02	0.00	0.00	0.00	11.7932	3.9893	4.5696	6.2056	6.2056
L107	03 year 24 hour	0.66	-0.04	0.00	0.00	0.00	12.1764	4.0692	1.0799	8.9182	8.9182
L108	03 year 24 hour	1.25	-0.33	0.00	0.01	0.01	9.6192	15.0167	22.3104	8.6627	8.6627
L109	03 year 24 hour	0.80	0.00	0.00	0.01	0.01	7.3174	0.0000	6.2108	8.5865	8.5865
L11	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L110	03 year 24 hour	4.38	0.00	0.00	0.04	0.04	12.2006	0.0000	22.4057	17.6471	17.6471
L111	03 year 24 hour	8.28	0.00	-0.10	0.03	0.03	12.1192	0.0000	18.9974	19.7809	19.7809
L115	03 year 24 hour	2178.80	-578.15	-1965.65	8.17	9.03	0.0000	0.0002	0.0002	0.0000	0.0000
L116	03 year 24 hour	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L117	03 year 24 hour	58.95	-10.22	-25.88	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L118	03 year 24 hour	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L119	03 year 24 hour	39.30	-6.81	-17.25	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L12	03 year 24 hour	1.38	0.00	0.02	0.00	0.00	19.6532	0.0000	19.2798	0.0000	0.0000
L120 WEIR	03 year 24 hour	303.17	0.00	14.75	5.09	5.09	22.0459	0.0000	0.0001	22.0487	22.0487
L13	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L14	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L15	03 year 24 hour	2.84	0.00	0.00	0.00	0.00	12.0392	0.0000	24.2628	0.0000	0.0000
L16	03 year 24 hour	4.20	0.00	-0.01	0.01	0.01	13.2347	0.0000	17.0012	18.5472	18.5472
L17	03 year 24 hour	2.22	-4.10	0.04	0.02	0.02	15.1666	13.5018	13.5318	14.5902	14.5902
L18	03 year 24 hour	0.34	-0.01	0.00	0.00	0.00	12.2019	4.0206	4.9191	12.1859	12.1859
L19	03 year	0.23	-0.75	0.00	0.00	0.00	15.1641	11.5370	11.5557	12.2182	12.2182

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
L20	03 year 24 hour	5.94	0.00	0.00	0.03	0.03	11.4970	0.0000	24.2628	11.9788	11.9788
L21	03 year 24 hour	2.83	0.00	0.00	0.02	0.02	11.6622	0.0000	24.2261	12.3046	12.3046
L22	03 year 24 hour	15.75	0.00	-0.01	0.02	0.02	11.7334	0.0000	22.1433	7.7225	7.7225
L23	03 year 24 hour	4.90	0.00	0.00	0.03	0.03	12.0534	0.0000	22.4057	13.4781	13.4781
L24	03 year 24 hour	1.52	0.00	0.00	0.03	0.03	10.6115	0.0000	22.4057	10.9380	10.9380
L25	03 year 24 hour	11.17	0.00	-0.19	0.04	0.04	13.9476	0.0000	18.9504	19.7460	19.7460
L26	03 year 24 hour	5.49	0.00	-0.01	0.02	0.02	12.0524	0.0000	22.4057	15.8783	15.8783
L27	03 year 24 hour	1.68	0.00	0.00	0.02	0.02	9.8858	0.0000	22.1433	10.5070	10.5070
L28	03 year 24 hour	1.17	-1.14	0.00	0.01	0.01	12.2852	9.2670	22.4201	9.9342	9.9342
L29	03 year 24 hour	7.43	-0.21	-0.01	0.00	0.00	12.3030	4.1854	22.4201	12.2538	12.2538
L30	03 year 24 hour	3.92	-12.15	0.03	0.01	0.01	12.4348	11.1200	11.1339	11.7495	11.7495
L31	03 year 24 hour	1.84	-1.32	1.41	0.01	0.01	12.0853	0.4294	0.4363	9.5051	9.5051
L32	03 year 24 hour	0.36	0.00	0.00	0.00	0.00	12.1690	0.0000	22.4057	7.7479	7.7479
L33	03 year 24 hour	10.69	0.00	-0.01	0.04	0.04	11.8628	0.0000	22.4057	12.3179	12.3179
L34	03 year 24 hour	10.54	0.00	-0.08	0.09	0.09	13.1014	0.0000	14.7432	14.9476	14.9476
L35	03 year 24 hour	4.77	0.00	0.00	0.04	0.04	12.0981	0.0000	22.4201	12.5822	12.5822
L36	03 year 24 hour	1.84	-0.02	0.00	0.01	0.01	12.0169	2.3096	24.2261	11.4357	11.4357
L37	03 year 24 hour	0.32	-2.96	-0.03	0.00	0.00	24.7429	11.8533	3.6754	4.3424	4.3424
L38	03 year 24 hour	0.44	-0.48	0.48	0.00	0.00	15.3994	14.1678	14.1678	14.1678	14.1678
L39	03 year 24 hour	2.37	-0.14	0.00	0.00	0.00	12.1680	4.0680	22.4201	8.8409	8.8409
L41	03 year 24 hour	5.65	-0.29	-0.01	0.01	0.01	12.4516	4.7916	22.9734	6.8118	6.8118
L42	03 year 24 hour	0.01	-0.10	0.00	0.00	0.00	25.3361	4.0041	1.0063	3.7309	3.7309

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L43	03 year 24 hour	1.77	-0.31	-1.77	0.00	0.00	17.7063	17.7121	17.7104	17.7063	17.7063
L44	03 year 24 hour	11.52	0.00	-0.01	0.03	0.03	12.7866	0.0000	22.9734	16.1542	16.1542
L45	03 year 24 hour	9.55	-1.88	-5.82	0.00	0.00	12.6846	24.2674	24.2667	0.0000	0.0000
L46	03 year 24 hour	0.60	0.00	0.00	0.00	0.00	12.1809	0.0000	13.2296	14.3346	14.3346
L47	03 year 24 hour	2.69	0.00	-0.03	0.00	0.00	12.2598	0.0000	18.2687	19.9650	19.9650
L48	03 year 24 hour	1.58	0.00	0.00	0.00	0.00	12.0728	0.0000	22.4057	0.0000	0.0000
L49	03 year 24 hour	2.16	0.00	0.00	0.02	0.02	12.0561	0.0000	22.4057	15.1945	15.1945
L50	03 year 24 hour	0.69	0.00	0.00	0.00	0.00	12.1821	0.0000	22.4057	0.0000	0.0000
L51	03 year 24 hour	0.18	-0.09	0.00	0.00	0.00	12.3233	3.4463	3.2120	12.2864	12.2864
L52	03 year 24 hour	4.02	0.00	-0.02	0.00	0.00	12.2032	0.0000	13.7668	14.8701	14.8701
L53	03 year 24 hour	0.71	-0.96	0.00	0.00	0.00	22.5811	11.6254	22.1433	11.3869	11.3869
L54	03 year 24 hour	4.04	0.00	0.00	0.03	0.03	11.8433	0.0000	22.4057	12.3301	12.3301
L55	03 year 24 hour	0.03	-0.04	0.00	0.00	0.00	24.2933	4.1283	0.8739	3.2431	3.2431
L56	03 year 24 hour	0.89	0.00	0.00	0.01	0.01	12.1213	0.0000	22.4057	9.8024	9.8024
L57	03 year 24 hour	0.43	0.00	0.00	0.00	0.00	12.0359	0.0000	24.2628	0.0000	0.0000
L58	03 year 24 hour	4.25	0.00	-0.01	0.01	0.01	12.0350	0.0000	22.4201	20.9167	20.9167
L59	03 year 24 hour	1.88	0.00	0.00	0.00	0.00	12.0857	0.0000	22.4057	0.0000	0.0000
L60	03 year 24 hour	19.89	0.00	-0.01	0.05	0.05	11.5835	0.0000	24.2628	11.1063	11.1063
L61	03 year 24 hour	2.40	0.00	0.00	0.00	0.00	12.2365	0.0000	22.4201	0.0000	0.0000
L62	03 year 24 hour	3.46	0.00	0.00	0.02	0.02	11.6738	0.0000	22.1433	12.1478	12.1478
L63	03 year 24 hour	1.09	0.00	-0.01	0.01	0.01	11.6124	0.0000	11.6124	11.7509	11.7509
L64	03 year 24 hour	1.26	0.00	-0.02	0.00	0.00	15.6874	0.0000	20.9955	0.0000	0.0000
L65	03 year	0.02	-2.65	0.00	0.00	0.00	24.4888	12.0965	12.1117	15.0048	15.0048

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
L66	03 year 24 hour	0.11	-0.12	0.00	0.00	0.00	22.3047	15.0775	22.0747	0.0000	0.0000
L67	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L68	03 year 24 hour	0.08	-0.41	0.00	0.00	0.00	12.3673	5.2977	12.1472	12.3536	12.3536
L69	03 year 24 hour	0.05	-0.10	0.00	0.00	0.00	22.2656	5.4094	12.3466	5.2535	5.2535
L70	03 year 24 hour	0.08	-0.09	0.00	0.00	0.00	22.3594	11.3504	12.4054	3.7216	3.7216
L71	03 year 24 hour	1.08	0.00	0.00	0.00	0.00	12.1240	0.0000	22.4057	0.0000	0.0000
L72	03 year 24 hour	6.24	-0.58	6.20	0.00	0.00	13.2021	13.1737	13.2021	13.8485	13.8485
L73	03 year 24 hour	0.05	-0.84	0.00	-0.01	-0.01	24.6498	11.5070	1.3190	10.5776	10.5776
L74	03 year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L75	03 year 24 hour	0.08	-0.18	0.00	0.00	0.00	22.2656	8.5515	2.1382	8.3184	8.3184
L76	03 year 24 hour	15.75	0.00	-0.04	0.01	0.01	12.2154	0.0000	19.5057	20.9789	20.9789
L77	03 year 24 hour	0.77	0.00	0.02	0.00	0.00	24.2173	0.0000	23.9245	0.0000	0.0000
L78	03 year 24 hour	1.91	0.00	0.00	0.02	0.02	11.6035	0.0000	11.6112	11.9599	11.9599
L79	03 year 24 hour	0.71	0.00	0.00	0.01	0.01	11.5502	0.0000	19.0480	9.1552	9.1552
L80	03 year 24 hour	1.33	-0.93	-1.33	0.02	0.02	19.0480	19.0528	19.0521	12.5407	12.5407
L81	03 year 24 hour	2.73	0.00	0.00	0.02	0.02	12.1503	0.0000	22.4057	10.4216	10.4216
L82	03 year 24 hour	1.71	-0.09	0.00	0.00	0.00	11.8185	3.9667	22.1070	8.5317	8.5317
L83	03 year 24 hour	2.61	0.00	0.00	0.03	0.03	11.5862	0.0000	22.1070	9.9133	9.9133
L84	03 year 24 hour	6.87	0.00	-0.01	0.02	0.02	12.6168	0.0000	15.2137	15.9358	15.9358
L85	03 year 24 hour	1.79	0.00	0.00	0.02	0.02	11.4075	0.0000	11.4183	11.7366	11.7366
L86	03 year 24 hour	1.01	0.00	0.00	0.00	0.00	12.0552	0.0000	24.2628	0.0000	0.0000
L87	03 year 24 hour	0.17	0.00	0.00	0.01	0.01	8.2237	0.0000	8.2237	8.2238	8.2238

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L88	03 year 24 hour	1.43	0.00	0.00	0.00	0.00	12.0429	0.0000	24.2628	0.0000	0.0000
L89	03 year 24 hour	5.40	0.00	-0.01	0.02	0.02	12.0103	0.0000	18.1030	18.6983	18.6983
L90	03 year 24 hour	0.32	-0.03	0.00	0.00	0.00	12.0178	0.9726	0.9532	11.4683	11.4683
L91	03 year 24 hour	1.57	0.00	0.00	0.01	0.01	12.0334	0.0000	4.1148	13.3240	13.3240
L92	03 year 24 hour	1.93	0.00	0.00	0.00	0.00	12.0501	0.0000	24.2628	0.0000	0.0000
L93	03 year 24 hour	0.55	0.00	0.00	0.01	0.01	11.8869	0.0000	22.4057	12.5769	12.5769
L94	03 year 24 hour	2.83	0.00	0.00	0.00	0.00	12.0233	0.0000	24.2261	0.0000	0.0000
L95	03 year 24 hour	4.36	0.00	0.00	0.02	0.02	12.1086	0.0000	12.1521	12.7477	12.7477
L96	03 year 24 hour	0.72	0.00	0.00	0.01	0.01	12.0041	0.0000	22.1433	17.6229	17.6229
L97	03 year 24 hour	2.13	0.00	0.00	0.03	0.03	12.0520	0.0000	13.7668	14.1814	14.1814
L98	03 year 24 hour	2.46	0.00	0.00	0.03	0.03	10.5386	0.0000	10.5434	10.8476	10.8476
L99	03 year 24 hour	0.94	0.00	0.00	0.00	0.00	12.0675	0.0000	22.4057	0.0000	0.0000
PL01	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	19.1474	0.0000	2.1637	0.0000	0.0000
PL02	03 year 24 hour	0.16	0.00	0.00	0.00	0.00	19.1474	0.0000	17.7104	0.0000	0.0000
PL03	03 year 24 hour	0.09	0.00	0.00	0.00	0.00	15.3080	0.0000	2.1637	0.0000	0.0000
PL10	03 year 24 hour	0.31	0.00	0.00	0.00	0.00	16.2220	0.0000	22.3985	0.0000	0.0000
PL100	03 year 24 hour	0.08	0.00	0.00	0.00	0.00	12.4107	0.0000	2.1637	0.0000	0.0000
PL101	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	12.2278	0.0000	2.1637	0.0000	0.0000
PL102	03 year 24 hour	0.04	0.00	0.00	0.00	0.00	15.2183	0.0000	22.4129	0.0000	0.0000
PL103	03 year 24 hour	1.05	0.00	0.00	0.00	0.00	12.1824	0.0000	25.6582	0.0000	0.0000
PL104	03 year 24 hour	0.84	0.00	0.00	0.00	0.00	12.2143	0.0000	22.4129	0.0000	0.0000
PL105	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	16.1352	0.0000	22.4129	0.0000	0.0000
PL106	03 year	0.04	0.00	0.00	0.00	0.00	13.1081	0.0000	22.4129	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL107	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	15.2183	0.0000	22.4273	0.0000	0.0000
PL108	03 year 24 hour	0.36	0.00	0.00	0.00	0.00	12.1780	0.0000	2.9358	0.0000	0.0000
PL109	03 year 24 hour	0.08	0.00	0.00	0.00	0.00	12.1824	0.0000	2.9358	0.0000	0.0000
PL11	03 year 24 hour	2.78	0.00	1.83	0.00	0.00	2.3461	0.0000	2.3461	0.0000	0.0000
PL110	03 year 24 hour	0.14	0.00	0.00	0.00	0.00	16.1352	0.0000	22.4273	0.0000	0.0000
PL111	03 year 24 hour	0.48	0.00	0.00	0.00	0.00	15.4989	0.0000	22.4273	0.0000	0.0000
PL112	03 year 24 hour	0.50	0.00	0.00	0.00	0.00	0.0000	0.0000	0.5737	0.0000	0.0000
PL12	03 year 24 hour	2.39	0.00	1.45	0.00	0.00	5.7970	0.0000	5.7970	0.0000	0.0000
PL13	03 year 24 hour	0.08	0.00	0.00	0.00	0.00	15.1469	0.0000	2.9358	0.0000	0.0000
PL14	03 year 24 hour	0.15	0.00	0.00	0.00	0.00	15.1617	0.0000	2.9358	0.0000	0.0000
PL15	03 year 24 hour	2.91	0.00	1.91	0.00	0.00	2.3461	0.0000	2.3461	0.0000	0.0000
PL16	03 year 24 hour	0.17	0.00	0.00	0.00	0.00	16.6454	0.0000	22.4129	0.0000	0.0000
PL17	03 year 24 hour	24.72	0.00	10.40	0.00	0.00	11.8339	0.0000	5.9091	0.0000	0.0000
PL18	03 year 24 hour	0.24	0.00	0.00	0.00	0.00	13.1002	0.0000	25.6582	0.0000	0.0000
PL19	03 year 24 hour	0.96	0.00	0.62	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL20	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	15.1469	0.0000	22.4129	0.0000	0.0000
PL21	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	15.1951	0.0000	22.4129	0.0000	0.0000
PL22	03 year 24 hour	12.84	0.00	8.42	0.00	0.00	2.3461	0.0000	2.3461	0.0000	0.0000
PL23	03 year 24 hour	0.12	0.00	0.00	0.00	0.00	13.1499	0.0000	22.4129	0.0000	0.0000
PL24	03 year 24 hour	1.91	0.00	1.24	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL25	03 year 24 hour	10.09	0.00	6.53	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL26	03 year 24 hour	8.23	0.00	5.40	0.00	0.00	2.3461	0.0000	2.3461	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL27	03 year 24 hour	3.45	0.00	2.23	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL28	03 year 24 hour	2.14	0.00	1.39	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL29	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	16.0553	0.0000	22.3985	0.0000	0.0000
PL30	03 year 24 hour	16.34	0.00	10.58	0.00	0.00	5.9091	0.0000	5.9091	0.0000	0.0000
PL31	03 year 24 hour	16.61	0.00	16.57	0.00	0.00	0.4361	0.0000	0.4361	0.0000	0.0000
PL32	03 year 24 hour	0.37	0.00	0.00	0.00	0.00	12.3099	0.0000	2.1637	0.0000	0.0000
PL33	03 year 24 hour	0.14	0.00	0.00	0.00	0.00	15.3994	0.0000	22.4129	0.0000	0.0000
PL34	03 year 24 hour	0.41	0.00	0.00	0.00	0.00	14.7498	0.0000	21.8223	0.0000	0.0000
PL35	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	15.2558	0.0000	22.4273	0.0000	0.0000
PL36	03 year 24 hour	0.02	0.00	0.00	0.00	0.00	16.0997	0.0000	22.4129	0.0000	0.0000
PL37	03 year 24 hour	0.25	0.00	0.00	0.00	0.00	15.0845	0.0000	2.1637	0.0000	0.0000
PL38	03 year 24 hour	0.04	0.00	0.00	0.00	0.00	15.2365	0.0000	2.1637	0.0000	0.0000
PL39	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	15.2183	0.0000	22.4129	0.0000	0.0000
PL41	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	16.0811	0.0000	22.3985	0.0000	0.0000
PL42	03 year 24 hour	0.03	0.00	0.00	0.00	0.00	12.2803	0.0000	2.1637	0.0000	0.0000
PL43	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	15.3361	0.0000	17.7104	0.0000	0.0000
PL44	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	16.0803	0.0000	22.3985	0.0000	0.0000
PL45	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	19.1009	0.0000	22.3985	0.0000	0.0000
PL46	03 year 24 hour	0.08	0.00	0.00	0.00	0.00	13.2158	0.0000	2.1637	0.0000	0.0000
PL47	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	16.1591	0.0000	17.7104	0.0000	0.0000
PL48	03 year 24 hour	0.49	0.00	0.00	0.00	0.00	15.1951	0.0000	22.4129	0.0000	0.0000
PL49	03 year 24 hour	0.49	0.00	0.00	0.00	0.00	14.5428	0.0000	22.4129	0.0000	0.0000
PL50	03 year	0.07	0.00	0.00	0.00	0.00	16.1352	0.0000	2.1637	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL51	03 year 24 hour	0.05	0.00	0.00	0.00	0.00	13.4829	0.0000	2.1637	0.0000	0.0000
PL52	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	13.7606	0.0000	2.9358	0.0000	0.0000
PL53	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	19.0682	0.0000	2.9358	0.0000	0.0000
PL54	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	12.4768	0.0000	2.9358	0.0000	0.0000
PL55	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	12.4090	0.0000	2.1637	0.0000	0.0000
PL56	03 year 24 hour	0.23	0.00	0.00	0.00	0.00	12.5250	0.0000	2.1637	0.0000	0.0000
PL57	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	12.3436	0.0000	2.1637	0.0000	0.0000
PL58	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	15.2558	0.0000	22.4129	0.0000	0.0000
PL59	03 year 24 hour	0.12	0.00	0.00	0.00	0.00	15.3080	0.0000	22.4129	0.0000	0.0000
PL6	03 year 24 hour	0.33	0.00	0.00	0.00	0.00	16.2047	0.0000	2.9358	0.0000	0.0000
PL60	03 year 24 hour	0.24	0.00	0.00	0.00	0.00	13.1028	0.0000	22.4129	0.0000	0.0000
PL61	03 year 24 hour	0.32	0.00	0.00	0.00	0.00	15.5413	0.0000	22.4273	0.0000	0.0000
PL62	03 year 24 hour	0.40	0.00	0.00	0.00	0.00	12.1630	0.0000	2.9358	0.0000	0.0000
PL63	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	12.3202	0.0000	2.9358	0.0000	0.0000
PL64	03 year 24 hour	0.28	0.00	0.00	0.00	0.00	19.3654	0.0000	21.4225	0.0000	0.0000
PL65	03 year 24 hour	0.03	0.00	0.00	0.00	0.00	15.1617	0.0000	2.9358	0.0000	0.0000
PL66	03 year 24 hour	0.14	0.00	0.00	0.00	0.00	12.1533	0.0000	2.1637	0.0000	0.0000
PL67	03 year 24 hour	0.16	0.00	0.00	0.00	0.00	12.2619	0.0000	2.9358	0.0000	0.0000
PL68	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	15.1951	0.0000	2.9358	0.0000	0.0000
PL69	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	15.1951	0.0000	2.1637	0.0000	0.0000
PL7	03 year 24 hour	0.15	0.00	0.00	0.00	0.00	16.5609	0.0000	17.6917	0.0000	0.0000
PL70	03 year 24 hour	0.12	0.00	0.00	0.00	0.00	13.3285	0.0000	2.1637	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL71	03 year 24 hour	0.16	0.00	0.00	0.00	0.00	15.1951	0.0000	22.4129	0.0000	0.0000
PL72	03 year 24 hour	0.23	0.00	0.00	0.00	0.00	13.2108	0.0000	2.1637	0.0000	0.0000
PL73	03 year 24 hour	0.04	0.00	0.00	0.00	0.00	19.3654	0.0000	22.4129	0.0000	0.0000
PL74	03 year 24 hour	0.28	0.00	0.00	0.00	0.00	12.1785	0.0000	2.1637	0.0000	0.0000
PL75	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	15.3994	0.0000	22.4129	0.0000	0.0000
PL76	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	16.1482	0.0000	22.4129	0.0000	0.0000
PL77	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	15.1617	0.0000	2.9358	0.0000	0.0000
PL78	03 year 24 hour	0.25	0.00	0.00	0.00	0.00	11.6141	0.0000	2.1637	0.0000	0.0000
PL79	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	12.2391	0.0000	2.1637	0.0000	0.0000
PL8	03 year 24 hour	0.26	0.00	0.00	0.00	0.00	13.2478	0.0000	22.4273	0.0000	0.0000
PL80	03 year 24 hour	0.01	0.00	0.00	0.00	0.00	16.0806	0.0000	22.4129	0.0000	0.0000
PL81	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	13.2108	0.0000	2.9358	0.0000	0.0000
PL82	03 year 24 hour	0.14	0.00	0.00	0.00	0.00	12.2648	0.0000	22.4129	0.0000	0.0000
PL83	03 year 24 hour	0.19	0.00	0.00	0.00	0.00	12.2234	0.0000	22.4129	0.0000	0.0000
PL84	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	15.2039	0.0000	2.9358	0.0000	0.0000
PL85	03 year 24 hour	0.16	0.00	0.00	0.00	0.00	11.4302	0.0000	2.9358	0.0000	0.0000
PL86	03 year 24 hour	0.38	0.00	0.00	0.00	0.00	12.4479	0.0000	25.6582	0.0000	0.0000
PL87	03 year 24 hour	0.12	0.00	0.00	0.00	0.00	12.2662	0.0000	2.1637	0.0000	0.0000
PL88	03 year 24 hour	0.63	0.00	0.00	0.00	0.00	12.4559	0.0000	25.6582	0.0000	0.0000
PL89	03 year 24 hour	0.20	0.00	0.00	0.00	0.00	15.2558	0.0000	22.4129	0.0000	0.0000
PL9	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	12.3313	0.0000	2.1637	0.0000	0.0000
PL90	03 year 24 hour	0.13	0.00	0.00	0.00	0.00	15.1461	0.0000	2.9358	0.0000	0.0000
PL91	03 year	0.12	0.00	0.00	0.00	0.00	12.5863	0.0000	2.1637	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL92	03 year 24 hour	0.10	0.00	0.00	0.00	0.00	15.1951	0.0000	22.4129	0.0000	0.0000
PL93	03 year 24 hour	0.16	0.00	0.00	0.00	0.00	12.2778	0.0000	2.1637	0.0000	0.0000
PL94	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	15.2558	0.0000	22.4129	0.0000	0.0000
PL95	03 year 24 hour	0.06	0.00	0.00	0.00	0.00	12.1859	0.0000	2.9358	0.0000	0.0000
PL96	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	15.1469	0.0000	22.4129	0.0000	0.0000
PL97	03 year 24 hour	0.11	0.00	0.00	0.00	0.00	13.2872	0.0000	22.4129	0.0000	0.0000
PL98	03 year 24 hour	0.17	0.00	0.00	0.00	0.00	12.3402	0.0000	2.1637	0.0000	0.0000
PL99	03 year 24 hour	0.07	0.00	0.00	0.00	0.00	15.1951	0.0000	2.9358	0.0000	0.0000
B112-W L112	05-year 24 hour	12.62	0.00	-0.05	0.25	0.25	12.0003	0.0000	21.0967	8.2839	8.2839
L01	05-year 24 hour	0.76	0.00	0.00	0.00	0.00	13.4310	0.0000	13.2932	0.0000	0.0000
L02	05-year 24 hour	10.33	0.00	-0.18	0.05	0.05	13.1717	0.0000	16.7029	17.1424	17.1424
L03	05-year 24 hour	0.73	-0.32	0.00	0.00	0.00	12.3682	5.8520	24.1272	6.8334	6.8334
L06	05-year 24 hour	4.09	-3.34	0.01	0.00	0.00	13.3683	7.1426	24.1272	9.9685	9.9685
L07	05-year 24 hour	2.95	0.00	-0.08	0.01	0.01	12.2427	0.0000	15.0835	15.7304	15.7304
L08	05-year 24 hour	5.07	0.00	0.01	0.03	0.03	12.1858	0.0000	24.1272	10.7533	10.7533
L09	05-year 24 hour	0.48	0.00	0.00	0.01	0.01	10.1924	0.0000	24.2272	10.7066	10.7066
L10	05-year 24 hour	5.09	0.00	0.01	0.02	0.02	13.3059	0.0000	24.1188	9.9774	9.9774
L100	05-year 24 hour	0.28	-0.14	0.00	0.00	0.00	12.1560	3.6209	24.1105	2.7021	2.7021
L101	05-year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L102	05-year 24 hour	0.47	0.00	0.00	0.00	0.00	12.1552	4.2085	24.1272	6.0663	6.0663
L103	05-year 24 hour	2.72	0.00	0.00	0.06	0.06	10.3282	0.0000	10.3335	10.5905	10.5905
L104	05-year 24 hour	2.01	0.00	0.00	0.05	0.05	9.2668	0.0000	24.2105	9.5187	9.5187

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L105	05-year 24 hour	2.21	-0.48	-2.21	0.02	0.02	17.1353	17.1400	17.1392	17.3629	17.3629
L106	05-year 24 hour	0.52	-0.02	0.00	0.00	0.00	11.6125	3.5661	1.3942	5.8009	5.8009
L107	05-year 24 hour	0.69	-0.05	0.00	0.00	0.00	12.1846	3.6405	24.1188	8.8199	8.8199
L108	05-year 24 hour	1.40	-0.58	0.01	0.01	0.01	8.8306	12.0174	24.1272	7.8778	7.8778
L109	05-year 24 hour	0.94	0.00	0.00	0.00	0.00	6.5764	0.0000	24.0938	7.8086	7.8086
L11	05-year 24 hour	2.31	0.00	0.04	0.00	0.00	20.2912	0.0000	19.8179	0.0000	0.0000
L110	05-year 24 hour	5.48	0.00	0.00	0.06	0.06	12.1869	0.0000	15.5804	15.1225	15.1225
L111	05-year 24 hour	10.34	0.00	-0.17	0.06	0.06	12.1112	0.0000	15.8970	16.3223	16.3223
L115	05-year 24 hour	2178.80	-578.15	-1965.65	8.17	9.03	0.0000	0.0002	0.0002	0.0000	0.0000
L116	05-year 24 hour	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L117	05-year 24 hour	58.95	-10.22	-25.88	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L118	05-year 24 hour	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L119	05-year 24 hour	39.30	-6.81	-17.25	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L12	05-year 24 hour	2.13	0.00	0.05	0.00	0.00	16.7330	0.0000	16.3871	0.0000	0.0000
L120 WEIR	05-year 24 hour	331.08	0.00	14.75	5.24	5.24	22.6188	0.0000	0.0001	22.6188	22.6188
L13	05-year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L14	05-year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L15	05-year 24 hour	3.53	0.00	-0.01	0.00	0.00	12.0353	0.0000	24.2022	0.0000	0.0000
L16	05-year 24 hour	5.74	0.00	-0.01	0.01	0.01	12.3579	0.0000	14.8106	15.6880	15.6880
L17	05-year 24 hour	3.47	-7.11	0.08	0.04	0.04	12.4678	12.2931	12.3094	12.9677	12.9677
L18	05-year 24 hour	0.39	-0.01	0.00	0.00	0.00	12.2031	3.6019	4.4404	12.1873	12.1873
L19	05-year 24 hour	0.30	-0.71	0.00	0.00	0.00	15.1399	10.7600	10.7733	12.1678	12.1678
L20	05-year	5.68	0.00	0.00	0.04	0.04	10.7057	0.0000	16.1588	11.2072	11.2072

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
L21	05-year 24 hour	2.83	0.00	-0.01	0.03	0.03	12.0003	0.0000	24.1522	11.4741	11.4741
L22	05-year 24 hour	17.30	0.00	-0.03	0.02	0.02	11.5851	0.0000	24.1355	6.9180	6.9180
L23	05-year 24 hour	6.08	0.00	0.00	0.06	0.06	11.9875	0.0000	22.2676	12.2424	12.2424
L24	05-year 24 hour	1.42	0.00	0.00	0.02	0.02	9.7693	0.0000	22.2676	10.1327	10.1327
L25	05-year 24 hour	14.02	0.00	-0.40	0.05	0.05	13.7850	0.0000	16.5594	17.0749	17.0749
L26	05-year 24 hour	6.84	0.00	-0.01	0.03	0.03	12.0509	0.0000	22.2676	13.9284	13.9284
L27	05-year 24 hour	1.84	0.00	0.01	0.02	0.02	9.0773	0.0000	24.1522	9.6637	9.6637
L28	05-year 24 hour	1.45	-1.27	0.00	0.01	0.01	12.2746	8.5269	24.1272	9.1280	9.1280
L29	05-year 24 hour	8.35	-0.25	0.02	0.00	0.00	12.3036	3.7552	24.1438	12.2558	12.2558
L30	05-year 24 hour	4.83	-12.08	0.03	0.01	0.01	12.4197	10.3189	10.3335	10.9682	10.9682
L31	05-year 24 hour	9.72	-1.16	9.72	0.01	0.01	0.4402	0.4729	0.4402	8.6388	8.6388
L32	05-year 24 hour	0.41	0.00	0.00	0.00	0.00	12.1757	0.0000	24.1022	6.8774	6.8774
L33	05-year 24 hour	11.50	0.00	-0.01	0.04	0.04	12.1346	0.0000	22.3438	11.4994	11.4994
L34	05-year 24 hour	13.24	0.00	-0.07	0.12	0.12	12.9408	0.0000	13.4899	13.6302	13.6302
L35	05-year 24 hour	4.74	0.00	0.00	0.04	0.04	11.3152	0.0000	24.1188	11.7061	11.7061
L36	05-year 24 hour	2.24	-0.02	-0.01	0.01	0.01	12.0040	2.1248	24.1522	11.4176	11.4176
L37	05-year 24 hour	0.36	-3.72	-0.04	0.00	0.00	24.7605	11.8834	3.3160	3.8837	3.8837
L38	05-year 24 hour	0.54	-0.72	0.72	0.00	0.00	12.3646	13.0906	13.0906	13.0906	13.0906
L39	05-year 24 hour	2.47	-0.16	0.01	0.00	0.00	12.1714	3.6392	24.1522	6.6163	6.6163
L41	05-year 24 hour	6.22	-0.37	0.01	0.01	0.01	12.4500	4.2827	24.1355	6.5168	6.5168
L42	05-year 24 hour	0.01	-0.12	0.00	0.00	0.00	25.2855	3.5784	0.8422	3.3714	3.3714
L43	05-year 24 hour	1.47	0.00	0.99	0.00	0.00	15.2333	0.0000	15.2333	15.2333	15.2333

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L44	05-year 24 hour	14.49	0.00	0.02	0.04	0.04	12.7266	0.0000	24.1272	14.3573	14.3573
L45	05-year 24 hour	18.99	-8.40	-18.99	0.04	0.04	19.2734	19.2780	19.2774	19.6396	19.6396
L46	05-year 24 hour	0.74	0.00	0.00	0.01	0.01	12.1023	0.0000	12.1154	12.8345	12.8345
L47	05-year 24 hour	3.81	0.00	-0.08	0.01	0.01	12.0515	0.0000	15.3924	16.4065	16.4065
L48	05-year 24 hour	1.96	0.00	0.00	0.00	0.00	12.0681	0.0000	22.2676	0.0000	0.0000
L49	05-year 24 hour	2.70	0.00	0.00	0.03	0.03	12.0525	0.0000	12.8287	13.3200	13.3200
L50	05-year 24 hour	0.91	0.00	0.00	0.00	0.00	12.0677	0.0000	22.2676	0.0000	0.0000
L51	05-year 24 hour	0.19	-0.10	0.00	0.00	0.00	12.3342	3.1072	2.9084	12.2953	12.2953
L52	05-year 24 hour	5.07	0.00	-0.05	0.01	0.01	12.1602	0.0000	12.5207	13.2338	13.2338
L53	05-year 24 hour	0.83	-1.20	0.01	0.00	0.00	22.5772	11.6667	24.1355	11.4056	11.4056
L54	05-year 24 hour	3.85	0.00	0.00	0.03	0.03	11.0667	0.0000	24.1355	11.5061	11.5061
L55	05-year 24 hour	0.03	-0.05	0.00	0.00	0.00	24.2772	3.7002	0.7168	2.9494	2.9494
L56	05-year 24 hour	0.94	0.00	0.00	0.02	0.02	12.1366	0.0000	24.1105	8.9917	8.9917
L57	05-year 24 hour	0.54	0.00	0.00	0.00	0.00	12.0346	0.0000	24.1855	0.0000	0.0000
L58	05-year 24 hour	5.28	0.00	-0.01	0.01	0.01	12.0339	0.0000	15.9329	17.0204	17.0204
L59	05-year 24 hour	2.35	0.00	0.00	0.00	0.00	12.0785	0.0000	22.3438	0.0000	0.0000
L60	05-year 24 hour	21.06	0.00	-0.02	0.05	0.05	11.5357	0.0000	22.2676	10.3083	10.3083
L61	05-year 24 hour	3.01	0.00	0.00	0.00	0.00	12.2247	0.0000	22.4438	0.0000	0.0000
L62	05-year 24 hour	3.42	0.00	0.01	0.02	0.02	10.8806	0.0000	24.1355	11.3544	11.3544
L63	05-year 24 hour	1.04	0.00	-0.01	0.01	0.01	10.8260	0.0000	10.8262	10.9720	10.9720
L64	05-year 24 hour	1.74	0.00	-0.03	0.01	0.01	14.0830	0.0000	16.9615	18.6876	18.6876
L65	05-year 24 hour	0.02	-2.88	0.01	0.00	0.00	24.4688	11.3215	11.3351	12.0201	12.0201
L66	05-year	0.14	-0.19	0.00	0.00	0.00	22.4938	13.0620	18.3316	20.3116	20.3116

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
L67	05-year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L68	05-year 24 hour	0.08	-0.41	0.00	0.00	0.00	12.3627	4.7291	24.1438	7.9783	7.9783
L69	05-year 24 hour	0.06	-0.11	0.00	0.00	0.00	22.2601	3.4958	12.2360	4.6771	4.6771
L70	05-year 24 hour	0.09	-0.09	0.00	0.00	0.00	22.3438	11.3403	12.3126	3.3252	3.3252
L71	05-year 24 hour	1.35	0.00	0.00	0.00	0.00	12.1177	0.0000	20.7953	0.0000	0.0000
L72	05-year 24 hour	11.01	0.00	10.71	0.00	0.00	12.0413	12.0121	12.0413	12.4141	12.4141
L73	05-year 24 hour	0.07	-0.92	0.00	-0.01	-0.01	24.4355	11.4356	1.1977	10.3050	10.3050
L74	05-year 24 hour	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L75	05-year 24 hour	0.10	-0.18	0.00	0.00	0.00	22.2461	8.4883	0.6348	6.9939	6.9939
L76	05-year 24 hour	19.70	0.00	-0.09	0.02	0.02	12.2036	0.0000	16.3043	17.1716	17.1716
L77	05-year 24 hour	4.33	0.00	0.08	0.00	0.00	19.0238	0.0000	18.3595	0.0000	0.0000
L78	05-year 24 hour	1.80	0.00	0.00	0.02	0.02	10.8196	0.0000	10.8281	11.1893	11.1893
L79	05-year 24 hour	0.78	0.00	0.00	0.01	0.01	11.5007	0.0000	21.0777	8.4216	8.4216
L80	05-year 24 hour	2.12	-0.76	-2.12	0.03	0.03	15.0343	17.9509	15.0369	11.5967	11.5967
L81	05-year 24 hour	3.04	0.00	0.00	0.02	0.02	12.1521	0.0000	22.3438	9.5787	9.5787
L82	05-year 24 hour	1.96	-0.11	0.00	0.00	0.00	11.7175	3.5379	21.0904	8.4947	8.4947
L83	05-year 24 hour	2.87	0.00	-0.01	0.04	0.04	11.5683	0.0000	21.0904	9.0763	9.0763
L84	05-year 24 hour	8.64	0.00	-0.03	0.03	0.03	12.5839	0.0000	13.7017	14.2289	14.2289
L85	05-year 24 hour	1.75	0.00	0.00	0.02	0.02	10.6060	0.0000	10.6133	10.9504	10.9504
L86	05-year 24 hour	1.26	0.00	0.00	0.00	0.00	12.0514	0.0000	24.2188	0.0000	0.0000
L87	05-year 24 hour	0.18	0.00	0.00	0.01	0.01	7.3063	0.0000	7.3063	7.3063	7.3063
L88	05-year 24 hour	1.79	0.00	0.00	0.01	0.01	12.0382	0.0000	16.2071	17.6147	17.6147

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L89	05-year 24 hour	6.72	0.00	-0.01	0.02	0.02	12.0036	0.0000	15.2308	15.5963	15.5963
L90	05-year 24 hour	0.36	-0.03	0.00	0.00	0.00	12.0027	0.8713	0.8573	11.4380	11.4380
L91	05-year 24 hour	1.88	0.00	0.00	0.03	0.03	11.7223	0.0000	3.6735	12.1087	12.1087
L92	05-year 24 hour	2.40	0.00	-0.01	0.00	0.00	12.0406	0.0000	21.5005	0.0000	0.0000
L93	05-year 24 hour	0.54	0.00	0.00	0.01	0.01	11.5837	0.0000	24.1022	11.6534	11.6534
L94	05-year 24 hour	3.52	0.00	-0.01	0.00	0.00	12.0206	0.0000	24.1605	0.0000	0.0000
L95	05-year 24 hour	4.53	0.00	0.00	0.02	0.02	11.3562	0.0000	24.1272	11.8036	11.8036
L96	05-year 24 hour	0.89	0.00	0.00	0.02	0.02	12.0028	0.0000	24.1188	14.8410	14.8410
L97	05-year 24 hour	2.66	0.00	-0.01	0.04	0.04	12.0503	0.0000	12.4360	12.6955	12.6955
L98	05-year 24 hour	2.50	0.00	0.00	0.03	0.03	9.7064	0.0000	9.7123	10.0268	10.0268
L99	05-year 24 hour	1.17	0.00	-0.01	0.00	0.00	12.0608	0.0000	20.5653	0.0000	0.0000
PL01	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	16.1462	0.0000	2.2861	0.0000	0.0000
PL02	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	16.7005	0.0000	16.8105	0.0000	0.0000
PL03	05-year 24 hour	0.10	0.00	0.00	0.00	0.00	15.0511	0.0000	2.2912	0.0000	0.0000
PL10	05-year 24 hour	0.35	0.00	0.00	0.00	0.00	16.1521	0.0000	21.6360	0.0000	0.0000
PL100	05-year 24 hour	0.09	0.00	0.00	0.00	0.00	12.3875	0.0000	2.2912	0.0000	0.0000
PL101	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	12.2845	0.0000	1.3666	0.0000	0.0000
PL102	05-year 24 hour	0.05	0.00	0.00	0.00	0.00	15.2036	0.0000	2.2861	0.0000	0.0000
PL103	05-year 24 hour	1.12	0.00	0.00	0.00	0.00	12.2194	0.0000	22.5022	0.0000	0.0000
PL104	05-year 24 hour	0.91	0.00	0.00	0.00	0.00	12.2365	0.0000	22.4438	0.0000	0.0000
PL105	05-year 24 hour	0.09	0.00	0.00	0.00	0.00	16.1462	0.0000	21.6360	0.0000	0.0000
PL106	05-year 24 hour	0.04	0.00	0.00	0.00	0.00	12.4591	0.0000	21.6360	0.0000	0.0000
PL107	05-year	0.08	0.00	0.00	0.00	0.00	13.2666	0.0000	21.6360	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL108	05-year 24 hour	0.39	0.00	0.00	0.00	0.00	12.2021	0.0000	2.2861	0.0000	0.0000
PL109	05-year 24 hour	0.09	0.00	0.00	0.00	0.00	12.1905	0.0000	2.2861	0.0000	0.0000
PL11	05-year 24 hour	3.63	0.00	2.59	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL110	05-year 24 hour	0.17	0.00	0.00	0.00	0.00	15.1208	0.0000	21.6360	0.0000	0.0000
PL111	05-year 24 hour	0.58	0.00	0.00	0.00	0.00	15.3924	0.0000	15.9828	0.0000	0.0000
PL112	05-year 24 hour	0.50	0.00	0.00	0.00	0.00	0.0000	0.0000	1.3666	0.0000	0.0000
PL12	05-year 24 hour	2.84	0.00	2.03	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL13	05-year 24 hour	0.09	0.00	0.00	0.00	0.00	15.1380	0.0000	2.2861	0.0000	0.0000
PL14	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	15.2036	0.0000	2.2861	0.0000	0.0000
PL15	05-year 24 hour	3.80	0.00	2.71	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL16	05-year 24 hour	0.20	0.00	0.00	0.00	0.00	14.8119	0.0000	21.6360	0.0000	0.0000
PL17	05-year 24 hour	26.09	0.00	-16.84	0.00	0.00	11.6865	0.0000	11.7298	0.0000	0.0000
PL18	05-year 24 hour	0.28	0.00	0.00	0.00	0.00	12.6982	0.0000	22.5522	0.0000	0.0000
PL19	05-year 24 hour	1.15	0.00	0.82	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL20	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	12.4954	0.0000	21.6360	0.0000	0.0000
PL21	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	15.2036	0.0000	21.6360	0.0000	0.0000
PL22	05-year 24 hour	16.76	0.00	11.94	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL23	05-year 24 hour	0.14	0.00	0.00	0.00	0.00	12.4749	0.0000	21.6360	0.0000	0.0000
PL24	05-year 24 hour	1.90	0.00	-1.31	0.00	0.00	5.5238	0.0000	5.7001	0.0000	0.0000
PL25	05-year 24 hour	11.80	0.00	8.41	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL26	05-year 24 hour	10.74	0.00	7.65	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL27	05-year 24 hour	4.04	0.00	2.88	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL28	05-year 24 hour	2.51	0.00	1.78	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL29	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.5679	0.0000	21.6360	0.0000	0.0000
PL30	05-year 24 hour	19.12	0.00	13.62	0.00	0.00	2.8088	0.0000	2.8088	0.0000	0.0000
PL31	05-year 24 hour	51.96	0.00	51.89	0.00	0.00	0.4396	0.0000	0.4472	0.0000	0.0000
PL32	05-year 24 hour	0.42	0.00	0.00	0.00	0.00	12.3094	0.0000	2.2861	0.0000	0.0000
PL33	05-year 24 hour	0.16	0.00	0.00	0.00	0.00	15.2822	0.0000	21.6360	0.0000	0.0000
PL34	05-year 24 hour	0.46	0.00	0.00	0.00	0.00	13.4973	0.0000	21.9875	0.0000	0.0000
PL35	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	15.2129	0.0000	21.6360	0.0000	0.0000
PL36	05-year 24 hour	0.03	0.00	0.00	0.00	0.00	16.0726	0.0000	21.6360	0.0000	0.0000
PL37	05-year 24 hour	0.28	0.00	0.00	0.00	0.00	15.0596	0.0000	2.2861	0.0000	0.0000
PL38	05-year 24 hour	0.04	0.00	0.00	0.00	0.00	15.1208	0.0000	2.2933	0.0000	0.0000
PL39	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	15.2036	0.0000	21.6360	0.0000	0.0000
PL41	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	15.9796	0.0000	21.9875	0.0000	0.0000
PL42	05-year 24 hour	0.04	0.00	0.00	0.00	0.00	15.1208	0.0000	2.2861	0.0000	0.0000
PL43	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	15.1380	0.0000	21.6360	0.0000	0.0000
PL44	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.3924	0.0000	21.6360	0.0000	0.0000
PL45	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	16.2043	0.0000	21.6360	0.0000	0.0000
PL46	05-year 24 hour	0.09	0.00	0.00	0.00	0.00	12.1526	0.0000	2.2861	0.0000	0.0000
PL47	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.3582	0.0000	15.5710	0.0000	0.0000
PL48	05-year 24 hour	0.59	0.00	0.00	0.00	0.00	15.2036	0.0000	22.4522	0.0000	0.0000
PL49	05-year 24 hour	0.58	0.00	0.00	0.00	0.00	12.8618	0.0000	21.6360	0.0000	0.0000
PL50	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	16.1462	0.0000	22.4105	0.0000	0.0000
PL51	05-year	0.06	0.00	0.00	0.00	0.00	13.4004	0.0000	1.3666	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL52	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	12.5180	0.0000	2.2861	0.0000	0.0000
PL53	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	19.0884	0.0000	2.2861	0.0000	0.0000
PL54	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	12.3652	0.0000	2.2861	0.0000	0.0000
PL55	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	12.4159	0.0000	2.2861	0.0000	0.0000
PL56	05-year 24 hour	0.27	0.00	0.00	0.00	0.00	12.5226	0.0000	2.2861	0.0000	0.0000
PL57	05-year 24 hour	0.11	0.00	0.00	0.00	0.00	12.3346	0.0000	2.2861	0.0000	0.0000
PL58	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	15.2308	0.0000	21.6360	0.0000	0.0000
PL59	05-year 24 hour	0.15	0.00	0.00	0.00	0.00	15.2262	0.0000	21.6360	0.0000	0.0000
PL6	05-year 24 hour	0.38	0.00	0.00	0.00	0.00	16.1709	0.0000	2.2861	0.0000	0.0000
PL60	05-year 24 hour	0.27	0.00	0.00	0.00	0.00	12.4159	0.0000	21.6360	0.0000	0.0000
PL61	05-year 24 hour	0.38	0.00	0.00	0.00	0.00	15.3924	0.0000	21.6360	0.0000	0.0000
PL62	05-year 24 hour	0.41	0.00	0.00	0.00	0.00	12.1740	0.0000	2.2861	0.0000	0.0000
PL63	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	12.3346	0.0000	2.2861	0.0000	0.0000
PL64	05-year 24 hour	0.35	0.00	0.00	0.00	0.00	16.4015	0.0000	17.1236	0.0000	0.0000
PL65	05-year 24 hour	0.04	0.00	0.00	0.00	0.00	15.2085	0.0000	2.2861	0.0000	0.0000
PL66	05-year 24 hour	0.16	0.00	0.00	0.00	0.00	12.1526	0.0000	2.2912	0.0000	0.0000
PL67	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	12.2558	0.0000	2.2861	0.0000	0.0000
PL68	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.1208	0.0000	2.2861	0.0000	0.0000
PL69	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	15.2036	0.0000	2.2861	0.0000	0.0000
PL7	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	15.0777	0.0000	15.2063	0.0000	0.0000
PL70	05-year 24 hour	0.14	0.00	0.00	0.00	0.00	13.2666	0.0000	2.2912	0.0000	0.0000
PL71	05-year 24 hour	0.19	0.00	0.00	0.00	0.00	15.2036	0.0000	21.6360	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL72	05-year 24 hour	0.27	0.00	0.00	0.00	0.00	12.3467	0.0000	2.2861	0.0000	0.0000
PL73	05-year 24 hour	0.05	0.00	0.00	0.00	0.00	19.3035	0.0000	21.6360	0.0000	0.0000
PL74	05-year 24 hour	0.32	0.00	0.00	0.00	0.00	12.1740	0.0000	2.2861	0.0000	0.0000
PL75	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	15.3924	0.0000	21.6360	0.0000	0.0000
PL76	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	16.1462	0.0000	21.6360	0.0000	0.0000
PL77	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	21.1250	0.0000	18.4878	0.0000	0.0000
PL78	05-year 24 hour	0.25	0.00	0.00	0.00	0.00	10.8302	0.0000	2.2912	0.0000	0.0000
PL79	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	12.2194	0.0000	2.2861	0.0000	0.0000
PL8	05-year 24 hour	0.30	0.00	0.00	0.00	0.00	13.2263	0.0000	21.6360	0.0000	0.0000
PL80	05-year 24 hour	0.01	0.00	0.00	0.00	0.00	16.0726	0.0000	24.3772	0.0000	0.0000
PL81	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	13.1493	0.0000	2.2861	0.0000	0.0000
PL82	05-year 24 hour	0.17	0.00	0.00	0.00	0.00	12.2434	0.0000	21.6360	0.0000	0.0000
PL83	05-year 24 hour	0.21	0.00	0.00	0.00	0.00	12.2145	0.0000	21.6360	0.0000	0.0000
PL84	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	13.7071	0.0000	2.2861	0.0000	0.0000
PL85	05-year 24 hour	0.16	0.00	0.00	0.00	0.00	12.2145	0.0000	2.2861	0.0000	0.0000
PL86	05-year 24 hour	0.45	0.00	0.00	0.00	0.00	12.3875	0.0000	22.4605	0.0000	0.0000
PL87	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	12.2845	0.0000	2.2861	0.0000	0.0000
PL88	05-year 24 hour	0.75	0.00	0.00	0.00	0.00	12.4159	0.0000	22.4105	0.0000	0.0000
PL89	05-year 24 hour	0.24	0.00	0.00	0.00	0.00	15.1380	0.0000	21.6360	0.0000	0.0000
PL9	05-year 24 hour	0.07	0.00	0.00	0.00	0.00	12.4954	0.0000	2.2861	0.0000	0.0000
PL90	05-year 24 hour	0.15	0.00	0.00	0.00	0.00	12.3648	0.0000	2.2861	0.0000	0.0000
PL91	05-year 24 hour	0.13	0.00	0.00	0.00	0.00	12.3185	0.0000	2.2861	0.0000	0.0000
PL92	05-year	0.12	0.00	0.00	0.00	0.00	15.2036	0.0000	21.6360	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24 hour										
PL93	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	12.2558	0.0000	2.2912	0.0000	0.0000
PL94	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.2262	0.0000	21.6360	0.0000	0.0000
PL95	05-year 24 hour	0.06	0.00	0.00	0.00	0.00	12.4159	0.0000	2.2861	0.0000	0.0000
PL96	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	13.1230	0.0000	21.6360	0.0000	0.0000
PL97	05-year 24 hour	0.12	0.00	0.00	0.00	0.00	12.4425	0.0000	2.2861	0.0000	0.0000
PL98	05-year 24 hour	0.18	0.00	0.00	0.00	0.00	12.4749	0.0000	2.2861	0.0000	0.0000
PL99	05-year 24 hour	0.08	0.00	0.00	0.00	0.00	15.2036	0.0000	2.2861	0.0000	0.0000
B112-W L112	10 year 24 hours	15.65	-1.50	-11.52	0.24	0.24	12.0171	22.1137	21.6517	7.3061	7.3061
L01	10 year 24 hours	1.40	0.00	0.01	0.00	0.00	12.0940	0.0000	11.9974	0.0000	0.0000
L02	10 year 24 hours	13.27	0.00	-0.63	0.07	0.07	13.0523	0.0000	14.7052	14.9683	14.9683
L03	10 year 24 hours	0.77	-0.33	0.00	0.00	0.00	12.3563	5.2256	24.1208	6.1264	6.1264
L06	10 year 24 hours	4.70	-4.04	0.02	0.00	0.00	13.3543	6.3764	22.1031	7.4204	7.4204
L07	10 year 24 hours	3.77	0.00	-0.17	0.02	0.02	12.2301	0.0000	13.2996	13.7020	13.7020
L08	10 year 24 hours	5.51	0.00	0.01	0.03	0.03	9.2980	0.0000	24.1291	9.7982	9.7982
L09	10 year 24 hours	0.53	0.00	0.00	0.01	0.01	9.2086	0.0000	24.2374	9.7380	9.7380
L10	10 year 24 hours	5.40	0.00	0.02	0.02	0.02	13.3251	0.0000	22.1031	9.0634	9.0634
L100	10 year 24 hours	0.30	-0.17	0.00	0.00	0.00	12.1654	3.2066	0.5277	2.4497	2.4497

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L101	10 year 24 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L102	10 year 24 hours	0.47	0.00	0.00	0.00	0.00	12.1680	3.7135	24.1291	5.4399	5.4399
L103	10 year 24 hours	2.81	0.00	0.00	0.05	0.05	9.3206	0.0000	9.3260	9.5921	9.5921
L104	10 year 24 hours	2.14	0.00	0.00	0.06	0.06	8.4110	0.0000	8.4148	8.6266	8.6266
L105	10 year 24 hours	3.26	0.00	-3.26	0.03	0.03	14.3178	14.3264	14.3207	14.5089	14.5089
L106	10 year 24 hours	0.55	-0.03	0.00	0.00	0.00	11.5207	3.1508	1.2844	5.4969	5.4969
L107	10 year 24 hours	0.71	-0.05	0.00	0.00	0.00	12.1883	3.2275	24.1208	6.2503	6.2503
L108	10 year 24 hours	1.17	-1.05	0.01	0.01	0.01	7.9438	12.0051	24.1291	6.9247	6.9247
L109	10 year 24 hours	1.13	0.00	0.00	0.01	0.01	5.8543	15.2454	22.0872	6.8656	6.8656
L11	10 year 24 hours	4.08	0.00	0.05	0.00	0.00	16.5835	0.0000	16.2698	0.0000	0.0000
L110	10 year 24 hours	7.00	0.00	-0.03	0.09	0.09	12.1839	0.0000	13.0233	13.2733	13.2733
L111	10 year 24 hours	13.17	0.00	-0.61	0.09	0.09	12.1035	0.0000	13.7530	14.0013	14.0013
L115	10 year 24 hours	2178.80	-578.15	-1965.65	8.17	9.03	0.0000	0.0002	0.0002	0.0000	0.0000
L116	10 year 24 hours	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L117	10 year 24 hours	58.95	-10.22	-25.88	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L118	10 year 24 hours	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L119	10 year 24 hours	39.30	-6.81	-17.25	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L12	10 year 24 hours	3.41	0.00	0.07	0.00	0.00	14.7348	0.0000	14.3236	0.0000	0.0000
L120 WEIR	10 year 24 hours	361.25	0.00	14.75	5.40	5.40	23.2541	0.0000	0.0001	23.2624	23.2624
L13	10 year 24 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L14	10 year 24 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L15	10 year 24 hours	4.49	0.00	-0.07	0.01	0.01	12.0308	0.0000	17.8354	18.8826	18.8826
L16	10 year 24 hours	7.38	0.00	-0.28	0.02	0.02	12.2971	0.0000	13.0999	13.6710	13.6710
L17	10 year 24 hours	5.13	-8.92	0.11	0.05	0.05	12.1690	11.3814	11.3948	11.7892	11.7892
L18	10 year 24 hours	0.45	-0.02	0.00	0.00	0.00	12.2056	3.1875	3.9664	12.2003	12.2003
L19	10 year 24 hours	0.42	-0.62	0.00	0.00	0.00	12.1712	9.7783	9.7981	12.1271	12.1271
L20	10 year 24 hours	5.75	0.00	0.00	0.03	0.03	11.4828	0.0000	13.2598	10.2851	10.2851
L21	10 year 24 hours	3.32	0.00	-0.01	0.03	0.03	11.9018	0.0000	22.1031	10.5621	10.5621
L22	10 year 24 hours	18.77	0.00	-0.03	0.02	0.02	11.4998	0.0000	22.1031	6.1345	6.1345
L23	10 year 24 hours	5.91	0.00	0.00	0.06	0.06	11.0873	0.0000	13.2640	11.3214	11.3214

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L24	10 year 24 hours	1.63	0.00	0.00	0.03	0.03	8.8552	0.0000	24.1041	9.1595	9.1595
L25	10 year 24 hours	18.02	0.00	-0.62	0.07	0.07	13.6328	0.0000	14.6457	14.9715	14.9715
L26	10 year 24 hours	8.66	0.00	-0.01	0.04	0.04	11.9712	0.0000	24.2541	12.3415	12.3415
L27	10 year 24 hours	1.66	0.00	0.01	0.02	0.02	8.2109	0.0000	24.1458	8.7629	8.7629
L28	10 year 24 hours	1.79	-1.05	0.01	0.00	0.00	12.2532	7.5821	24.1291	8.2650	8.2650
L29	10 year 24 hours	9.22	-0.29	0.03	0.00	0.00	12.3068	3.3408	24.1458	9.3230	9.3230
L30	10 year 24 hours	5.98	-12.61	0.04	0.01	0.01	12.4020	9.3556	9.3678	10.0320	10.0320
L31	10 year 24 hours	9.66	-2.24	-9.66	0.01	0.01	0.3699	2.3885	0.3699	7.3402	7.3402
L32	10 year 24 hours	0.46	0.00	0.00	0.00	0.00	12.1867	0.0000	22.1031	6.0549	6.0549
L33	10 year 24 hours	13.47	0.00	-0.01	0.04	0.04	12.1501	0.0000	24.3791	10.5826	10.5826
L34	10 year 24 hours	16.43	0.00	-0.11	0.15	0.15	12.3744	0.0000	12.3836	12.4807	12.4807
L35	10 year 24 hours	4.65	0.00	0.01	0.04	0.04	12.1887	0.0000	24.1208	10.7928	10.7928
L36	10 year 24 hours	2.77	-0.02	-0.01	0.01	0.01	12.0019	1.9011	24.1541	8.6236	8.6236
L37	10 year 24 hours	0.40	-4.81	-0.05	0.00	0.00	24.7708	11.8848	2.9683	3.4382	3.4382
L38	10 year 24 hours	0.85	-0.64	0.80	0.00	0.00	12.9527	12.5767	12.9527	12.9527	12.9527

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L39	10 year 24 hours	2.47	-0.19	0.01	0.00	0.00	12.1838	3.2237	24.1624	6.1507	6.1507
L41	10 year 24 hours	6.76	-0.46	0.02	0.01	0.01	12.4403	3.7845	24.1291	6.3007	6.3007
L42	10 year 24 hours	0.01	-0.14	0.00	0.00	0.00	25.2291	3.1669	0.7353	3.0161	3.0161
L43	10 year 24 hours	4.56	-2.35	-4.56	0.00	0.00	13.1504	13.2647	13.1522	13.1504	13.1504
L44	10 year 24 hours	18.30	0.00	0.03	0.05	0.05	12.3928	0.0000	24.1291	12.8266	12.8266
L45	10 year 24 hours	26.63	-0.09	-26.63	0.08	0.08	16.1499	16.1541	16.1534	16.1499	16.1499
L46	10 year 24 hours	0.73	0.00	0.00	0.01	0.01	11.1934	0.0000	11.2071	11.7358	11.7358
L47	10 year 24 hours	4.84	0.00	-0.09	0.01	0.01	12.0454	0.0000	13.3397	13.9947	13.9947
L48	10 year 24 hours	2.50	0.00	0.00	0.00	0.00	12.0598	0.0000	24.2374	0.0000	0.0000
L49	10 year 24 hours	3.29	0.00	0.00	0.05	0.05	11.7195	0.0000	11.7253	11.9794	11.9794
L50	10 year 24 hours	1.16	0.00	-0.03	0.00	0.00	12.0603	0.0000	16.9619	18.3815	18.3815
L51	10 year 24 hours	0.20	-0.12	-0.01	0.00	0.00	12.3410	2.7880	2.6162	4.4700	4.4700
L52	10 year 24 hours	5.71	0.00	-0.05	0.01	0.01	11.5489	0.0000	11.5561	12.1935	12.1935
L53	10 year 24 hours	1.01	-1.61	0.01	0.00	0.00	22.5791	11.7039	22.1031	11.4230	11.4230
L54	10 year 24 hours	3.66	0.00	0.01	0.03	0.03	10.4339	0.0000	24.1458	10.5901	10.5901

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L55	10 year 24 hours	0.04	-0.06	0.00	0.00	0.00	22.2447	3.2854	0.6966	2.6630	2.6630
L56	10 year 24 hours	0.98	0.00	0.00	0.01	0.01	12.1527	0.0000	24.1124	8.1256	8.1256
L57	10 year 24 hours	0.69	0.00	0.00	0.01	0.01	12.0339	0.0000	17.5576	18.1715	18.1715
L58	10 year 24 hours	6.72	0.00	-0.02	0.02	0.02	12.0251	0.0000	13.7246	14.3502	14.3502
L59	10 year 24 hours	2.99	0.00	0.00	0.00	0.00	12.0710	0.0000	24.2791	0.0000	0.0000
L60	10 year 24 hours	21.95	0.00	-0.01	0.05	0.05	11.4998	0.0000	13.1486	9.3264	9.3264
L61	10 year 24 hours	3.84	0.00	0.00	0.00	0.00	12.2130	0.0000	22.5958	0.0000	0.0000
L62	10 year 24 hours	3.52	0.00	0.01	0.02	0.02	9.9450	0.0000	24.1291	10.4271	10.4271
L63	10 year 24 hours	0.98	0.00	0.00	0.01	0.01	9.8748	0.0000	9.8754	10.0345	10.0345
L64	10 year 24 hours	2.65	0.00	-0.08	0.01	0.01	12.7097	0.0000	14.3921	15.2522	15.2522
L65	10 year 24 hours	0.03	-2.80	0.01	0.00	0.00	24.3791	10.4018	10.4141	11.2171	11.2171
L66	10 year 24 hours	0.19	-0.43	0.01	0.00	0.00	22.4639	12.0268	15.5197	16.8249	16.8249
L67	10 year 24 hours	1.27	0.00	0.03	0.00	0.00	22.1137	0.0000	21.6049	0.0000	0.0000
L68	10 year 24 hours	0.09	-0.50	0.00	0.00	0.00	22.2698	4.1649	24.1374	7.1554	7.1554
L69	10 year 24 hours	0.07	-0.13	0.00	0.00	0.00	22.2531	3.0873	22.1031	4.0969	4.0969

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L70	10 year 24 hours	0.12	-0.10	0.00	0.00	0.00	22.3250	11.3369	22.1031	2.9541	2.9541
L71	10 year 24 hours	1.72	0.00	-0.01	0.01	0.01	12.1079	0.0000	16.3273	17.5477	17.5477
L72	10 year 24 hours	10.97	0.00	10.62	0.00	0.00	11.1422	11.1127	11.1422	11.4395	11.4395
L73	10 year 24 hours	0.10	-1.01	0.00	-0.01	-0.01	22.3356	11.3936	24.1624	8.8414	8.8414
L74	10 year 24 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L75	10 year 24 hours	0.12	-0.21	0.00	-0.01	-0.01	22.2406	2.8308	0.5787	6.2126	6.2126
L76	10 year 24 hours	25.18	0.00	-0.21	0.04	0.04	12.1941	0.0000	14.0629	14.5375	14.5375
L77	10 year 24 hours	7.12	0.00	0.13	0.00	0.00	15.4862	0.0000	15.2307	0.0000	0.0000
L78	10 year 24 hours	1.62	0.00	0.00	0.02	0.02	9.8680	0.0000	9.8772	10.2680	10.2680
L79	10 year 24 hours	0.86	0.00	0.00	0.01	0.01	11.4674	0.0000	22.0872	7.4641	7.4641
L80	10 year 24 hours	2.82	-1.15	-2.82	0.03	0.03	14.9220	14.9254	14.9248	13.7836	13.7836
L81	10 year 24 hours	3.39	0.00	0.00	0.02	0.02	12.1681	0.0000	24.1124	8.6914	8.6914
L82	10 year 24 hours	2.25	-0.13	-0.01	0.00	0.00	11.5679	3.1224	22.1031	5.6187	5.6187
L83	10 year 24 hours	3.12	0.00	-0.01	0.04	0.04	11.4510	0.0000	22.1031	8.2391	8.2391
L84	10 year 24 hours	11.03	0.00	-0.03	0.04	0.04	12.4146	0.0000	12.4343	12.7758	12.7758

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L85	10 year 24 hours	1.72	0.00	0.00	0.02	0.02	9.6367	0.0000	22.1031	10.0041	10.0041
L86	10 year 24 hours	1.60	0.00	-0.01	0.02	0.02	12.0452	0.0000	16.2175	17.2892	17.2892
L87	10 year 24 hours	0.21	0.00	0.00	0.01	0.01	6.4128	0.0000	6.4128	6.4129	6.4129
L88	10 year 24 hours	2.27	0.00	-0.01	0.02	0.02	12.0354	0.0000	13.6001	14.2568	14.2568
L89	10 year 24 hours	8.53	0.00	-0.05	0.03	0.03	12.0023	0.0000	13.0904	13.4404	13.4404
L90	10 year 24 hours	0.41	-0.04	0.00	0.00	0.00	11.9193	0.7686	0.7353	8.8007	8.8007
L91	10 year 24 hours	1.86	0.00	0.00	0.03	0.03	11.4012	0.0000	3.2413	11.2051	11.2051
L92	10 year 24 hours	3.05	0.00	-0.01	0.01	0.01	12.0367	0.0000	16.8013	17.6764	17.6764
L93	10 year 24 hours	0.56	0.00	0.00	0.01	0.01	11.6021	0.0000	24.1041	10.7363	10.7363
L94	10 year 24 hours	4.47	0.00	-0.02	0.01	0.01	12.0187	0.0000	18.0061	18.8651	18.8651
L95	10 year 24 hours	4.40	0.00	0.01	0.02	0.02	10.4322	0.0000	24.1374	10.8966	10.8966
L96	10 year 24 hours	1.13	0.00	0.00	0.02	0.02	12.0019	0.0000	22.1031	12.8698	12.8698
L97	10 year 24 hours	3.07	0.00	-0.01	0.06	0.06	11.4734	0.0000	11.4777	11.6417	11.6417
L98	10 year 24 hours	2.68	0.00	0.00	0.03	0.03	8.8188	0.0000	8.8263	9.1027	9.1027
L99	10 year 24 hours	1.49	0.00	-0.01	0.01	0.01	12.0545	0.0000	16.2918	17.5477	17.5477

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL01	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	15.3277	0.0000	21.6124	0.0000	0.0000
PL02	10 year 24 hours	0.21	0.00	0.00	0.00	0.00	14.7106	0.0000	14.3236	0.0000	0.0000
PL03	10 year 24 hours	0.11	0.00	0.00	0.00	0.00	14.1246	0.0000	22.1111	0.0000	0.0000
PL10	10 year 24 hours	0.40	0.00	0.00	0.00	0.00	16.1608	0.0000	22.1111	0.0000	0.0000
PL100	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	12.3740	0.0000	1.3425	0.0000	0.0000
PL101	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	12.3227	0.0000	1.3425	0.0000	0.0000
PL102	10 year 24 hours	0.06	0.00	0.00	0.00	0.00	15.1632	0.0000	21.6124	0.0000	0.0000
PL103	10 year 24 hours	1.22	0.00	0.00	0.00	0.00	12.2479	0.0000	22.5958	0.0000	0.0000
PL104	10 year 24 hours	1.01	0.00	0.00	0.00	0.00	12.2479	0.0000	22.5958	0.0000	0.0000
PL105	10 year 24 hours	0.11	0.00	0.00	0.00	0.00	15.0594	0.0000	21.6124	0.0000	0.0000
PL106	10 year 24 hours	0.05	0.00	0.00	0.00	0.00	12.4060	0.0000	21.6124	0.0000	0.0000
PL107	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	13.1522	0.0000	21.6124	0.0000	0.0000
PL108	10 year 24 hours	0.42	0.00	0.00	0.00	0.00	12.2241	0.0000	2.0351	0.0000	0.0000
PL109	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	12.2229	0.0000	22.1111	0.0000	0.0000
PL11	10 year 24 hours	14.39	0.00	13.23	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL110	10 year 24 hours	0.19	0.00	0.00	0.00	0.00	13.2974	0.0000	21.6124	0.0000	0.0000
PL111	10 year 24 hours	0.69	0.00	0.00	0.00	0.00	13.7530	0.0000	13.7607	0.0000	0.0000
PL112	10 year 24 hours	0.50	0.00	0.00	0.00	0.00	0.0000	0.0000	0.5226	0.0000	0.0000
PL12	10 year 24 hours	11.27	0.00	10.36	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL13	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	15.1412	0.0000	21.6124	0.0000	0.0000
PL14	10 year 24 hours	0.22	0.00	0.00	0.00	0.00	15.1632	0.0000	21.6124	0.0000	0.0000
PL15	10 year 24 hours	15.06	0.00	13.85	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL16	10 year 24 hours	0.23	0.00	0.00	0.00	0.00	13.0999	0.0000	22.1111	0.0000	0.0000
PL17	10 year 24 hours	74.47	0.00	68.48	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL18	10 year 24 hours	0.33	0.00	0.00	0.00	0.00	12.6153	0.0000	22.5958	0.0000	0.0000
PL19	10 year 24 hours	4.55	0.00	4.19	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL20	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	12.4420	0.0000	21.6124	0.0000	0.0000
PL21	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	15.1632	0.0000	21.6124	0.0000	0.0000
PL22	10 year 24 hours	66.39	0.00	61.05	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL23	10 year 24 hours	0.16	0.00	0.00	0.00	0.00	12.3501	0.0000	21.6124	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL24	10 year 24 hours	5.86	0.00	5.38	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL25	10 year 24 hours	46.76	0.00	43.00	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL26	10 year 24 hours	42.55	0.00	39.13	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL27	10 year 24 hours	16.00	0.00	14.71	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL28	10 year 24 hours	9.93	0.00	9.13	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL29	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	15.3553	0.0000	22.1111	0.0000	0.0000
PL30	10 year 24 hours	75.74	0.00	69.64	0.00	0.00	2.3474	0.0000	2.3474	0.0000	0.0000
PL31	10 year 24 hours	51.98	0.00	51.89	0.00	0.00	2.3775	0.0000	0.3625	0.0000	0.0000
PL32	10 year 24 hours	0.49	0.00	0.00	0.00	0.00	12.3082	0.0000	22.5958	0.0000	0.0000
PL33	10 year 24 hours	0.19	0.00	0.00	0.00	0.00	15.3277	0.0000	21.6124	0.0000	0.0000
PL34	10 year 24 hours	0.49	0.00	0.00	0.00	0.00	12.5457	0.0000	17.2789	0.0000	0.0000
PL35	10 year 24 hours	0.13	0.00	0.00	0.00	0.00	15.1516	0.0000	21.6124	0.0000	0.0000
PL36	10 year 24 hours	0.03	0.00	0.00	0.00	0.00	15.3277	0.0000	21.6124	0.0000	0.0000
PL37	10 year 24 hours	0.32	0.00	0.00	0.00	0.00	13.2640	0.0000	2.0351	0.0000	0.0000
PL38	10 year 24 hours	0.05	0.00	0.00	0.00	0.00	15.1764	0.0000	2.0365	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL39	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	13.1522	0.0000	22.1111	0.0000	0.0000
PL41	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	15.7071	0.0000	22.1111	0.0000	0.0000
PL42	10 year 24 hours	0.04	0.00	0.00	0.00	0.00	15.1292	0.0000	21.6124	0.0000	0.0000
PL43	10 year 24 hours	0.14	0.00	0.00	0.00	0.00	15.1235	0.0000	13.2640	0.0000	0.0000
PL44	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	15.2078	0.0000	22.1111	0.0000	0.0000
PL45	10 year 24 hours	0.16	0.00	0.00	0.00	0.00	16.1541	0.0000	22.1111	0.0000	0.0000
PL46	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	12.2165	0.0000	2.0351	0.0000	0.0000
PL47	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	13.3265	0.0000	13.4042	0.0000	0.0000
PL48	10 year 24 hours	0.71	0.00	0.00	0.00	0.00	15.1911	0.0000	24.4958	0.0000	0.0000
PL49	10 year 24 hours	0.67	0.00	0.00	0.00	0.00	12.2697	0.0000	21.6124	0.0000	0.0000
PL50	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	16.1247	0.0000	17.2789	0.0000	0.0000
PL51	10 year 24 hours	0.07	0.00	0.00	0.00	0.00	13.4096	0.0000	1.3425	0.0000	0.0000
PL52	10 year 24 hours	0.12	0.00	0.00	0.00	0.00	11.5631	0.0000	2.0351	0.0000	0.0000
PL53	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	19.0979	0.0000	22.1111	0.0000	0.0000
PL54	10 year 24 hours	0.14	0.00	0.00	0.00	0.00	12.3583	0.0000	21.6124	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL55	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	12.4212	0.0000	2.0351	0.0000	0.0000
PL56	10 year 24 hours	0.31	0.00	0.00	0.00	0.00	12.4922	0.0000	21.6124	0.0000	0.0000
PL57	10 year 24 hours	0.13	0.00	0.00	0.00	0.00	12.3755	0.0000	1.3425	0.0000	0.0000
PL58	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	15.1764	0.0000	21.6124	0.0000	0.0000
PL59	10 year 24 hours	0.17	0.00	0.00	0.00	0.00	15.1911	0.0000	21.6124	0.0000	0.0000
PL6	10 year 24 hours	0.44	0.00	0.00	0.00	0.00	16.1608	0.0000	22.1111	0.0000	0.0000
PL60	10 year 24 hours	0.32	0.00	0.00	0.00	0.00	12.3583	0.0000	21.6124	0.0000	0.0000
PL61	10 year 24 hours	0.46	0.00	0.00	0.00	0.00	15.2078	0.0000	22.1111	0.0000	0.0000
PL62	10 year 24 hours	0.44	0.00	0.00	0.00	0.00	12.7734	0.0000	22.1111	0.0000	0.0000
PL63	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	12.3369	0.0000	2.0351	0.0000	0.0000
PL64	10 year 24 hours	0.43	0.00	0.00	0.00	0.00	14.3867	0.0000	14.5172	0.0000	0.0000
PL65	10 year 24 hours	0.05	0.00	0.00	0.00	0.00	15.1911	0.0000	21.6124	0.0000	0.0000
PL66	10 year 24 hours	0.17	0.00	0.00	0.00	0.00	11.4948	0.0000	15.9064	0.0000	0.0000
PL67	10 year 24 hours	0.22	0.00	0.00	0.00	0.00	23.1041	0.0000	22.0872	0.0000	0.0000
PL68	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	15.1632	0.0000	22.1111	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL69	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	15.3337	0.0000	21.6124	0.0000	0.0000
PL7	10 year 24 hours	0.22	0.00	0.00	0.00	0.00	13.2944	0.0000	13.4042	0.0000	0.0000
PL70	10 year 24 hours	0.17	0.00	0.00	0.00	0.00	15.1292	0.0000	1.3425	0.0000	0.0000
PL71	10 year 24 hours	0.22	0.00	0.00	0.00	0.00	15.1632	0.0000	16.4460	0.0000	0.0000
PL72	10 year 24 hours	0.30	0.00	0.00	0.00	0.00	12.2229	0.0000	21.6124	0.0000	0.0000
PL73	10 year 24 hours	0.06	0.00	0.00	0.00	0.00	19.3690	0.0000	22.1111	0.0000	0.0000
PL74	10 year 24 hours	0.37	0.00	0.00	0.00	0.00	12.1766	0.0000	24.3958	0.0000	0.0000
PL75	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	15.3277	0.0000	21.6124	0.0000	0.0000
PL76	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	15.2264	0.0000	21.6124	0.0000	0.0000
PL77	10 year 24 hours	0.17	0.00	0.00	0.00	0.00	19.2149	0.0000	15.5822	0.0000	0.0000
PL78	10 year 24 hours	0.25	0.00	0.00	0.00	0.00	12.1168	0.0000	1.3425	0.0000	0.0000
PL79	10 year 24 hours	0.14	0.00	0.00	0.00	0.00	12.2085	0.0000	22.1111	0.0000	0.0000
PL8	10 year 24 hours	0.34	0.00	0.00	0.00	0.00	13.1522	0.0000	21.6124	0.0000	0.0000
PL80	10 year 24 hours	0.01	0.00	0.00	0.00	0.00	15.1329	0.0000	22.1111	0.0000	0.0000
PL81	10 year 24 hours	0.08	0.00	0.00	0.00	0.00	13.1019	0.0000	21.6124	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL82	10 year 24 hours	0.19	0.00	0.00	0.00	0.00	12.2363	0.0000	21.6124	0.0000	0.0000
PL83	10 year 24 hours	0.24	0.00	0.00	0.00	0.00	12.2154	0.0000	21.6124	0.0000	0.0000
PL84	10 year 24 hours	0.14	0.00	0.00	0.00	0.00	12.4343	0.0000	22.1111	0.0000	0.0000
PL85	10 year 24 hours	0.17	0.00	0.00	0.00	0.00	12.2796	0.0000	2.0351	0.0000	0.0000
PL86	10 year 24 hours	0.54	0.00	0.00	0.00	0.00	12.4420	0.0000	16.4460	0.0000	0.0000
PL87	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	12.3501	0.0000	2.3474	0.0000	0.0000
PL88	10 year 24 hours	0.91	0.00	0.00	0.00	0.00	12.3755	0.0000	22.5958	0.0000	0.0000
PL89	10 year 24 hours	0.28	0.00	0.00	0.00	0.00	13.1386	0.0000	16.4460	0.0000	0.0000
PL9	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	12.5457	0.0000	21.6124	0.0000	0.0000
PL90	10 year 24 hours	0.18	0.00	0.00	0.00	0.00	12.3369	0.0000	21.6124	0.0000	0.0000
PL91	10 year 24 hours	0.15	0.00	0.00	0.00	0.00	12.2796	0.0000	2.0351	0.0000	0.0000
PL92	10 year 24 hours	0.14	0.00	0.00	0.00	0.00	15.1632	0.0000	21.6124	0.0000	0.0000
PL93	10 year 24 hours	0.20	0.00	0.00	0.00	0.00	12.2796	0.0000	2.3474	0.0000	0.0000
PL94	10 year 24 hours	0.09	0.00	0.00	0.00	0.00	15.2078	0.0000	21.6124	0.0000	0.0000
PL95	10 year 24 hours	0.07	0.00	0.00	0.00	0.00	12.6423	0.0000	21.6124	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL96	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	12.3082	0.0000	21.6124	0.0000	0.0000
PL97	10 year 24 hours	0.13	0.00	0.00	0.00	0.00	12.1577	0.0000	21.6124	0.0000	0.0000
PL98	10 year 24 hours	0.19	0.00	0.00	0.00	0.00	12.5771	0.0000	22.1111	0.0000	0.0000
PL99	10 year 24 hours	0.10	0.00	0.00	0.00	0.00	15.1632	0.0000	16.4460	0.0000	0.0000
B112-W L112	100 year72 hours	135.38	-5.15	-22.73	0.06	0.06	60.0503	67.0713	62.4595	60.0002	60.0002
L01	100 year72 hours	10.92	0.00	-0.54	0.13	0.13	59.9008	0.0000	59.9045	59.9266	59.9266
L02	100 year72 hours	13.28	-26.98	-0.34	0.03	0.03	60.9579	60.0171	59.5933	55.2732	55.2732
L03	100 year72 hours	1.93	-4.88	-0.04	-0.01	-0.01	60.8190	59.9008	59.5933	59.8839	59.8839
L06	100 year72 hours	14.08	-46.34	-0.26	-0.01	-0.01	61.2368	60.0168	59.5933	60.0007	60.0007
L07	100 year72 hours	2.21	-2.52	-0.06	0.01	0.01	60.7338	59.7872	59.6043	54.5276	54.5276
L08	100 year72 hours	11.31	-10.58	-0.30	0.01	0.01	60.7188	59.7564	59.6083	33.6172	33.6172
L09	100 year72 hours	1.47	0.00	0.00	0.00	0.00	60.1174	0.0000	59.6614	35.4397	35.4397
L10	100 year72 hours	12.11	-42.60	-0.24	-0.01	-0.01	61.4054	60.0171	59.5933	60.0015	60.0015
L100	100 year72 hours	1.07	-1.68	-0.03	0.00	0.00	60.7013	59.7050	59.5811	59.7018	59.7018
L101	100 year72 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L102	100 year72 hours	1.24	-2.31	-0.03	0.00	0.00	60.7538	59.7700	59.5933	59.7355	59.7355
L103	100 year72 hours	4.42	0.00	-0.01	0.01	0.01	60.1681	0.0000	59.5811	39.0123	39.0123
L104	100 year72 hours	5.06	0.00	0.01	0.01	0.01	60.1003	0.0000	59.6200	32.7947	32.7947
L105	100 year72 hours	6.79	0.00	-2.31	0.02	0.02	59.9534	55.9359	55.9359	56.2185	56.2185
L106	100 year72 hours	2.76	-0.01	0.01	0.00	0.00	60.1011	7.2637	59.6338	60.0857	60.0857
L107	100 year72 hours	1.33	-3.16	-0.04	0.00	0.00	60.7693	59.7837	59.5701	59.7515	59.7515
L108	100 year72 hours	1.95	-19.54	-1.95	-0.01	-0.01	26.9409	60.0168	26.9410	59.9837	59.9837
L109	100 year72 hours	1.23	-0.96	0.04	0.00	0.00	59.6417	60.1698	59.5677	59.6370	59.6370
L11	100 year72 hours	41.62	0.00	-2.07	0.05	0.05	60.1473	0.0000	60.1542	60.1789	60.1789
L110	100 year72 hours	8.44	-3.95	-0.08	0.03	0.03	60.3363	59.7696	59.6469	53.3832	53.3832
L111	100 year72 hours	23.36	0.00	-0.16	0.05	0.05	60.1679	0.0000	54.9372	55.4479	55.4479
L115	100 year72 hours	2178.80	-702.54	-1833.4 1	8.17	9.03	0.0000	0.0002	0.0002	0.0000	0.0000
L116	100 year72 hours	62.96	-16.22	-43.78	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L117	100 year72 hours	58.95	-12.45	-27.07	6.25	6.44	0.0000	0.0002	0.0001	0.0000	0.0000
L118	100 year72 hours	62.96	-16.22	-43.78	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L119	100 year72 hours	39.30	-8.30	-18.05	6.25	6.44	0.0000	0.0002	0.0001	0.0000	0.0000
L12	100 year72 hours	17.57	-1.98	-0.90	-0.03	-0.03	60.0579	60.1031	60.0633	60.1092	60.1092
L120 WEIR	100 year72 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L13	100 year72 hours	26.33	0.00	-3.92	0.06	0.06	61.2085	0.0000	61.2204	61.2876	61.2876
L14	100 year72 hours	9.00	0.00	0.10	0.00	0.00	62.5697	0.0000	62.1743	0.0000	0.0000
L15	100 year72 hours	9.58	0.00	-0.15	0.03	0.03	59.8753	0.0000	59.0201	59.3569	59.3569
L16	100 year72 hours	8.81	-17.45	-0.17	-0.02	-0.02	60.7859	59.8873	59.5789	59.8173	59.8173
L17	100 year72 hours	39.16	-0.82	-0.07	0.04	0.04	60.1530	42.5508	59.5933	60.1368	60.1368
L18	100 year72 hours	1.17	-0.74	-0.02	0.00	0.00	60.7378	59.7366	59.6115	60.7175	60.7175
L19	100 year72 hours	1.92	-0.09	-0.01	0.00	0.00	60.1353	36.2536	59.5811	60.1208	60.1208
L20	100 year72 hours	4.36	-0.31	-0.05	0.01	0.01	60.6860	59.6868	59.5811	36.7078	36.7078
L21	100 year72 hours	14.29	0.00	0.07	0.01	0.01	59.9508	0.0000	59.5933	59.8356	59.8356
L22	100 year72 hours	58.60	0.00	0.39	0.01	0.01	59.8638	0.0000	59.5933	59.8028	59.8028
L23	100 year72 hours	8.89	0.00	-0.04	0.01	0.01	60.1687	0.0000	59.5811	43.1161	43.1161
L24	100 year72 hours	2.77	-0.28	-0.02	0.01	0.01	60.1841	59.6710	59.5811	31.9045	31.9045

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L25	100 year72 hours	24.38	-38.65	-0.45	-0.02	-0.02	61.2500	60.0176	59.6043	59.9878	59.9878
L26	100 year72 hours	24.73	0.00	0.04	0.01	0.01	60.1502	0.0000	59.6885	59.9175	59.9175
L27	100 year72 hours	4.75	-12.67	-0.11	-0.02	-0.02	60.8019	59.8677	59.5933	59.8177	59.8177
L28	100 year72 hours	5.41	-6.29	-0.16	0.00	0.00	60.7182	59.7676	59.5933	59.7523	59.7523
L29	100 year72 hours	24.32	-50.31	-0.44	-0.01	-0.01	60.7843	59.8842	59.5933	59.8373	59.8373
L30	100 year72 hours	24.57	-35.65	-0.49	-0.01	-0.01	60.7835	59.8855	59.5933	59.8503	59.8503
L31	100 year72 hours	10.45	-3.21	-10.45	0.00	0.00	1.8413	3.3270	1.8413	60.1527	60.1527
L32	100 year72 hours	1.48	-1.24	-0.04	0.00	0.00	60.7351	59.7201	59.5933	59.7173	59.7173
L33	100 year72 hours	48.05	0.00	-0.13	0.01	0.01	60.2343	0.0000	59.5933	60.2172	60.2172
L34	100 year72 hours	9.15	-19.20	-0.17	0.02	0.02	60.9337	60.0012	59.5767	44.2694	44.2694
L35	100 year72 hours	9.48	-6.32	-0.16	0.01	0.01	60.3516	59.7688	59.6200	38.5933	38.5933
L36	100 year72 hours	19.66	-0.01	0.07	0.03	0.03	60.0183	2.8495	59.6083	59.9669	59.9669
L37	100 year72 hours	0.49	-65.44	-0.35	-0.01	-0.01	72.8392	60.0168	59.5933	60.0002	60.0002
L38	100 year72 hours	0.36	-0.54	-0.26	0.00	0.00	60.8182	60.0019	53.8261	60.0002	60.0002
L39	100 year72 hours	6.32	-13.15	-0.16	-0.01	-0.01	60.7561	59.7672	59.5933	59.7363	59.7363

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L41	100 year72 hours	17.69	-36.78	-0.26	-0.01	-0.01	60.8337	59.9688	59.5933	59.9341	59.9341
L42	100 year72 hours	1.66	-1.33	0.06	0.00	0.00	59.6357	60.2501	59.5579	59.6344	59.6344
L43	100 year72 hours	3.15	-2.68	-0.05	0.00	0.00	60.7516	59.8839	59.6006	53.0876	53.0876
L44	100 year72 hours	24.24	-72.10	-0.40	-0.02	-0.02	60.9512	60.0176	59.5933	60.0000	60.0000
L45	100 year72 hours	36.73	-12.95	-18.80	0.03	0.03	60.8019	60.0019	57.2026	57.4918	57.4918
L46	100 year72 hours	1.01	-2.58	-0.02	-0.01	-0.01	60.7851	59.8517	59.5933	59.7850	59.7850
L47	100 year72 hours	3.05	0.00	-0.02	0.01	0.01	60.1370	0.0000	59.5811	55.1987	55.1987
L48	100 year72 hours	18.61	0.00	-0.37	0.17	0.17	60.0330	0.0000	60.0376	60.0656	60.0656
L49	100 year72 hours	2.48	-0.34	-0.02	0.01	0.01	60.7182	59.6904	59.5933	52.4045	52.4045
L50	100 year72 hours	0.90	-0.18	-0.07	0.01	0.01	58.6616	59.6704	58.6841	59.2568	59.2568
L51	100 year72 hours	0.80	-1.93	-0.02	0.00	0.00	60.8174	59.8674	59.5933	59.8356	59.8356
L52	100 year72 hours	3.25	-6.30	-0.07	-0.01	-0.01	60.7424	59.7680	59.5933	59.7355	59.7355
L53	100 year72 hours	5.25	-33.76	-0.18	-0.03	-0.03	61.7721	60.0171	59.5933	60.0007	60.0007
L54	100 year72 hours	4.44	-7.90	-0.16	0.01	0.01	60.7538	59.7504	59.5851	38.4123	38.4123
L55	100 year72 hours	0.65	-1.31	-0.02	0.00	0.00	60.7378	59.7507	59.5933	59.7201	59.7201

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L56	100 year72 hours	1.85	-1.68	-0.06	0.00	0.00	60.7351	59.7185	59.6063	27.6227	27.6227
L57	100 year72 hours	2.00	0.00	0.01	0.01	0.01	59.8501	0.0000	59.6200	59.4182	59.4182
L58	100 year72 hours	26.32	0.00	0.08	0.02	0.02	60.0171	0.0000	59.6200	55.6646	55.6646
L59	100 year72 hours	23.69	0.00	-0.85	0.12	0.12	60.1046	0.0000	60.1702	60.2007	60.2007
L60	100 year72 hours	25.97	0.00	-0.18	0.01	0.01	60.1524	0.0000	59.5811	31.9759	31.9759
L61	100 year72 hours	22.72	0.00	-1.01	0.07	0.07	60.1408	0.0000	60.1467	60.1807	60.1807
L62	100 year72 hours	5.27	-22.27	-0.13	-0.02	-0.02	61.2023	60.0024	59.5933	59.9847	59.9847
L63	100 year72 hours	1.42	-2.94	-0.04	0.00	0.00	60.7592	59.7844	59.5933	59.7348	59.7348
L64	100 year72 hours	1.95	-3.67	-0.08	-0.02	-0.02	60.7740	59.8337	56.3324	59.7527	59.7527
L65	100 year72 hours	1.12	-2.41	-0.03	0.00	0.00	60.7028	59.7189	59.5933	59.7013	59.7013
L66	100 year72 hours	1.05	-3.32	-0.02	-0.04	-0.04	61.2176	60.0012	59.5933	59.8539	59.8539
L67	100 year72 hours	19.06	0.00	-1.64	0.06	0.06	60.5518	0.0000	60.7358	60.7932	60.7932
L68	100 year72 hours	1.56	-3.45	-0.04	-0.01	-0.01	60.7561	59.7708	59.5933	59.7492	59.7492
L69	100 year72 hours	0.83	-1.59	-0.02	0.00	0.00	60.7669	59.7708	59.5933	59.7511	59.7511
L70	100 year72 hours	0.87	-1.88	-0.02	0.00	0.00	60.8255	59.8517	59.5933	59.8177	59.8177

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L71	100 year72 hours	1.84	-2.16	-0.05	0.01	0.01	60.7677	59.9611	59.6305	59.0025	59.0025
L72	100 year72 hours	4.00	-0.86	-4.00	0.00	0.00	45.0217	44.9587	45.0217	47.5501	47.5501
L73	100 year72 hours	2.30	-6.33	-0.06	-0.01	-0.01	60.7701	59.7999	59.5933	59.7672	59.7672
L74	100 year72 hours	1.30	0.00	0.04	0.00	0.00	61.2572	0.0000	61.1553	0.0000	0.0000
L75	100 year72 hours	1.12	-1.73	-0.02	0.00	0.00	60.7523	59.7561	59.5933	59.7348	59.7348
L76	100 year72 hours	47.01	-15.19	-0.30	0.02	0.02	60.3529	59.7854	59.6614	55.7430	55.7430
L77	100 year72 hours	84.49	0.00	-0.81	0.02	0.02	60.1485	0.0000	61.6408	62.1331	62.1331
L78	100 year72 hours	3.09	0.00	0.04	0.01	0.01	59.7837	0.0000	59.5579	59.7173	59.7173
L79	100 year72 hours	3.42	0.00	0.04	0.00	0.00	59.7680	0.0000	59.5579	59.7333	59.7333
L80	100 year72 hours	17.24	-1.32	-9.29	0.12	0.12	60.0002	58.4553	59.6330	59.6322	59.6322
L81	100 year72 hours	10.21	-2.88	-0.11	0.00	0.00	60.2514	59.7032	59.6338	28.5381	28.5381
L82	100 year72 hours	7.70	-0.04	0.07	0.00	0.00	59.8062	7.2351	59.5701	59.7669	59.7669
L83	100 year72 hours	9.56	0.00	0.09	0.01	0.01	59.7944	0.0000	59.5701	27.4792	27.4792
L84	100 year72 hours	9.46	-39.69	-0.23	-0.03	-0.03	60.9348	60.0024	59.5933	59.9505	59.9505
L85	100 year72 hours	1.66	-3.08	-0.03	0.00	0.00	60.7554	59.7844	59.5933	59.7527	59.7527

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L86	100 year72 hours	2.73	0.00	-0.08	0.04	0.04	60.1338	0.0000	59.1883	59.4225	59.4225
L87	100 year72 hours	0.53	-0.48	-0.02	0.00	0.00	60.7502	59.7340	59.5933	23.7484	23.7484
L88	100 year72 hours	5.09	0.00	0.01	0.02	0.02	60.1340	0.0000	59.6200	57.6801	57.6801
L89	100 year72 hours	10.64	0.00	0.06	0.02	0.02	59.8337	0.0000	59.5933	54.4265	54.4265
L90	100 year72 hours	0.81	-0.03	-0.01	0.00	0.00	60.1505	0.8502	59.5811	60.1365	60.1365
L91	100 year72 hours	1.82	0.00	-0.01	0.00	0.00	60.1510	0.0000	59.5811	43.6792	43.6792
L92	100 year72 hours	8.89	0.00	-0.03	0.02	0.02	59.9318	0.0000	58.3942	58.8512	58.8512
L93	100 year72 hours	0.81	-0.29	-0.01	0.00	0.00	60.7338	59.6846	59.6305	43.9537	43.9537
L94	100 year72 hours	16.35	0.00	0.08	0.04	0.04	59.8846	0.0000	59.6083	59.2467	59.2467
L95	100 year72 hours	5.23	-6.90	-0.21	0.00	0.00	60.7208	59.7344	59.5933	59.7185	59.7185
L96	100 year72 hours	5.25	0.00	0.03	0.02	0.02	60.0002	0.0000	59.5933	59.8003	59.8003
L97	100 year72 hours	2.18	-0.01	-0.01	0.01	0.01	60.1850	59.6868	59.5811	46.3415	46.3415
L98	100 year72 hours	2.21	-3.95	-0.05	0.01	0.01	60.7677	59.8507	59.5745	29.7111	29.7111
L99	100 year72 hours	1.55	0.00	-0.03	0.01	0.01	60.1702	0.0000	58.0493	58.7806	58.7806
PL01	100 year72 hours	0.42	0.00	0.00	0.00	0.00	60.3331	0.0000	59.6338	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL02	100 year72 hours	0.26	0.00	0.00	0.00	0.00	61.3857	0.0000	62.9142	0.0000	0.0000
PL03	100 year72 hours	0.19	0.00	0.00	0.00	0.00	61.2023	0.0000	62.9142	0.0000	0.0000
PL10	100 year72 hours	0.58	0.00	0.00	0.00	0.00	62.3879	0.0000	65.4130	0.0000	0.0000
PL100	100 year72 hours	0.23	0.00	0.00	0.00	0.00	60.5225	0.0000	59.6338	0.0000	0.0000
PL101	100 year72 hours	0.24	0.00	0.00	0.00	0.00	60.3897	0.0000	59.6338	0.0000	0.0000
PL102	100 year72 hours	0.14	0.00	0.00	0.00	0.00	60.5580	0.0000	59.6338	0.0000	0.0000
PL103	100 year72 hours	2.12	0.00	0.00	0.00	0.00	60.5016	0.0000	62.3913	0.0000	0.0000
PL104	100 year72 hours	1.91	0.00	0.00	0.00	0.00	60.4191	0.0000	59.6338	0.0000	0.0000
PL105	100 year72 hours	0.22	0.00	0.00	0.00	0.00	60.4021	0.0000	59.6338	0.0000	0.0000
PL106	100 year72 hours	0.13	0.00	0.00	0.00	0.00	60.5137	0.0000	59.6338	0.0000	0.0000
PL107	100 year72 hours	0.20	0.00	0.00	0.00	0.00	60.6010	0.0000	62.3913	0.0000	0.0000
PL108	100 year72 hours	0.78	0.00	0.00	0.00	0.00	60.4633	0.0000	59.6338	0.0000	0.0000
PL109	100 year72 hours	0.27	0.00	0.00	0.00	0.00	60.2932	0.0000	59.6338	0.0000	0.0000
PL11	100 year72 hours	4.61	0.00	-4.61	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL110	100 year72 hours	0.31	0.00	0.00	0.00	0.00	60.6484	0.0000	62.9142	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL111	100 year72 hours	1.02	0.00	0.00	0.00	0.00	60.5668	0.0000	62.3913	0.0000	0.0000
PL112	100 year72 hours	1.55	0.00	0.00	0.00	0.00	60.5545	0.0000	59.6338	0.0000	0.0000
PL12	100 year72 hours	3.61	0.00	-3.61	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL13	100 year72 hours	0.38	0.00	0.00	0.00	0.00	61.2232	0.0000	61.1814	0.0000	0.0000
PL14	100 year72 hours	0.65	0.00	0.00	0.00	0.00	60.3646	0.0000	59.6338	0.0000	0.0000
PL15	100 year72 hours	4.82	0.00	-4.82	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL16	100 year72 hours	0.45	0.00	0.00	0.00	0.00	60.6624	0.0000	62.9142	0.0000	0.0000
PL17	100 year72 hours	23.85	0.00	-23.85	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL18	100 year72 hours	0.79	0.00	0.00	0.00	0.00	60.5777	0.0000	62.3913	0.0000	0.0000
PL19	100 year72 hours	1.46	0.00	-1.45	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL20	100 year72 hours	0.19	0.00	0.00	0.00	0.00	60.4199	0.0000	59.6338	0.0000	0.0000
PL21	100 year72 hours	0.41	0.00	0.00	0.00	0.00	60.3758	0.0000	59.6338	0.0000	0.0000
PL22	100 year72 hours	21.26	0.00	-21.26	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL23	100 year72 hours	0.30	0.00	0.00	0.00	0.00	60.4916	0.0000	59.6338	0.0000	0.0000
PL24	100 year72 hours	1.87	0.00	-1.87	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL25	100 year72 hours	14.97	0.00	-14.97	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL26	100 year72 hours	13.62	0.00	-13.62	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL27	100 year72 hours	5.12	0.00	-5.12	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL28	100 year72 hours	3.18	0.00	-3.18	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL29	100 year72 hours	0.22	0.00	0.00	0.00	0.00	60.6955	0.0000	62.9142	0.0000	0.0000
PL30	100 year72 hours	24.25	0.00	-24.25	0.00	0.00	5.4985	0.0000	5.4986	0.0000	0.0000
PL31	100 year72 hours	51.97	0.00	51.92	0.00	0.00	3.3297	0.0000	5.4976	0.0000	0.0000
PL32	100 year72 hours	1.30	0.00	0.00	0.00	0.00	60.4475	0.0000	59.5933	0.0000	0.0000
PL33	100 year72 hours	0.48	0.00	0.00	0.00	0.00	60.5642	0.0000	59.6338	0.0000	0.0000
PL34	100 year72 hours	0.49	0.00	0.00	0.00	0.00	61.6872	0.0000	62.9142	0.0000	0.0000
PL35	100 year72 hours	0.29	0.00	0.00	0.00	0.00	60.6433	0.0000	62.9142	0.0000	0.0000
PL36	100 year72 hours	0.10	0.00	0.00	0.00	0.00	60.4382	0.0000	59.6338	0.0000	0.0000
PL37	100 year72 hours	0.52	0.00	0.00	0.00	0.00	60.7843	0.0000	62.9142	0.0000	0.0000
PL38	100 year72 hours	0.12	0.00	0.00	0.00	0.00	60.5117	0.0000	59.6338	0.0000	0.0000
PL39	100 year72 hours	0.19	0.00	0.00	0.00	0.00	60.6134	0.0000	62.3913	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL41	100 year72 hours	0.13	0.00	0.00	0.00	0.00	61.2289	0.0000	62.9142	0.0000	0.0000
PL42	100 year72 hours	0.13	0.00	0.00	0.00	0.00	60.3039	0.0000	59.6200	0.0000	0.0000
PL43	100 year72 hours	0.30	0.00	0.00	0.00	0.00	60.5368	0.0000	59.6338	0.0000	0.0000
PL44	100 year72 hours	0.17	0.00	0.00	0.00	0.00	60.6909	0.0000	59.6338	0.0000	0.0000
PL45	100 year72 hours	0.30	0.00	0.00	0.00	0.00	60.7068	0.0000	59.6338	0.0000	0.0000
PL46	100 year72 hours	0.18	0.00	0.00	0.00	0.00	60.6249	0.0000	62.9142	0.0000	0.0000
PL47	100 year72 hours	0.18	0.00	0.00	0.00	0.00	60.4072	0.0000	59.6338	0.0000	0.0000
PL48	100 year72 hours	2.17	0.00	0.00	0.00	0.00	60.3646	0.0000	59.6338	0.0000	0.0000
PL49	100 year72 hours	1.19	0.00	0.00	0.00	0.00	60.4529	0.0000	59.6338	0.0000	0.0000
PL50	100 year72 hours	0.18	0.00	0.00	0.00	0.00	60.4529	0.0000	58.6543	0.0000	0.0000
PL51	100 year72 hours	0.13	0.00	0.00	0.00	0.00	61.0165	0.0000	62.9142	0.0000	0.0000
PL52	100 year72 hours	0.18	0.00	0.00	0.00	0.00	60.6484	0.0000	62.3913	0.0000	0.0000
PL53	100 year72 hours	0.29	0.00	0.00	0.00	0.00	62.9585	0.0000	65.4130	0.0000	0.0000
PL54	100 year72 hours	0.28	0.00	0.00	0.00	0.00	60.5443	0.0000	59.6338	0.0000	0.0000
PL55	100 year72 hours	0.22	0.00	0.00	0.00	0.00	60.4721	0.0000	59.6338	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL56	100 year72 hours	0.65	0.00	0.00	0.00	0.00	60.5264	0.0000	59.5933	0.0000	0.0000
PL57	100 year72 hours	0.28	0.00	0.00	0.00	0.00	60.3654	0.0000	59.6338	0.0000	0.0000
PL58	100 year72 hours	0.20	0.00	0.00	0.00	0.00	60.4290	0.0000	59.6338	0.0000	0.0000
PL59	100 year72 hours	0.46	0.00	0.00	0.00	0.00	60.2816	0.0000	59.6338	0.0000	0.0000
PL6	100 year72 hours	0.75	0.00	0.00	0.00	0.00	61.7313	0.0000	62.9142	0.0000	0.0000
PL60	100 year72 hours	0.70	0.00	0.00	0.00	0.00	60.3811	0.0000	59.6338	0.0000	0.0000
PL61	100 year72 hours	0.96	0.00	0.00	0.00	0.00	60.2594	0.0000	59.6083	0.0000	0.0000
PL62	100 year72 hours	0.65	0.00	0.00	0.00	0.00	61.6872	0.0000	62.9142	0.0000	0.0000
PL63	100 year72 hours	0.17	0.00	0.00	0.00	0.00	60.5463	0.0000	59.6338	0.0000	0.0000
PL64	100 year72 hours	0.59	0.00	0.00	0.00	0.00	60.7094	0.0000	62.9142	0.0000	0.0000
PL65	100 year72 hours	0.14	0.00	0.00	0.00	0.00	60.4161	0.0000	59.6338	0.0000	0.0000
PL66	100 year72 hours	0.40	0.00	0.00	0.00	0.00	62.0658	0.0000	62.9142	0.0000	0.0000
PL67	100 year72 hours	1.03	0.00	0.00	0.00	0.00	60.7358	0.0000	60.7756	0.0000	0.0000
PL68	100 year72 hours	0.26	0.00	0.00	0.00	0.00	60.5908	0.0000	62.3913	0.0000	0.0000
PL69	100 year72 hours	0.25	0.00	0.00	0.00	0.00	60.6327	0.0000	62.3913	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL7	100 year72 hours	0.24	0.00	0.00	0.00	0.00	60.7669	0.0000	62.9142	0.0000	0.0000
PL70	100 year72 hours	0.43	0.00	0.00	0.00	0.00	60.7061	0.0000	62.9142	0.0000	0.0000
PL71	100 year72 hours	0.43	0.00	0.00	0.00	0.00	60.4721	0.0000	59.6200	0.0000	0.0000
PL72	100 year72 hours	0.54	0.00	0.00	0.00	0.00	60.4382	0.0000	59.6338	0.0000	0.0000
PL73	100 year72 hours	0.24	0.00	0.00	0.00	0.00	60.7378	0.0000	62.3913	0.0000	0.0000
PL74	100 year72 hours	1.11	0.00	0.00	0.00	0.00	60.2785	0.0000	59.6338	0.0000	0.0000
PL75	100 year72 hours	0.48	0.00	0.00	0.00	0.00	60.6134	0.0000	62.3913	0.0000	0.0000
PL76	100 year72 hours	0.24	0.00	0.00	0.00	0.00	60.5575	0.0000	59.6338	0.0000	0.0000
PL77	100 year72 hours	0.60	0.00	0.00	0.00	0.00	60.5358	0.0000	59.6338	0.0000	0.0000
PL78	100 year72 hours	0.52	0.00	0.00	0.00	0.00	60.2064	0.0000	59.6083	0.0000	0.0000
PL79	100 year72 hours	0.33	0.00	0.00	0.00	0.00	60.2297	0.0000	59.6083	0.0000	0.0000
PL8	100 year72 hours	0.71	0.00	0.00	0.00	0.00	60.6107	0.0000	62.9142	0.0000	0.0000
PL80	100 year72 hours	0.03	0.00	0.00	0.00	0.00	60.2671	0.0000	59.6330	0.0000	0.0000
PL81	100 year72 hours	0.17	0.00	0.00	0.00	0.00	60.5751	0.0000	59.6200	0.0000	0.0000
PL82	100 year72 hours	0.45	0.00	0.00	0.00	0.00	60.2729	0.0000	59.6338	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL83	100 year72 hours	0.55	0.00	0.00	0.00	0.00	60.2671	0.0000	59.6338	0.0000	0.0000
PL84	100 year72 hours	0.17	0.00	0.00	0.00	0.00	61.1675	0.0000	62.9142	0.0000	0.0000
PL85	100 year72 hours	0.25	0.00	0.00	0.00	0.00	60.6484	0.0000	62.3913	0.0000	0.0000
PL86	100 year72 hours	1.07	0.00	0.00	0.00	0.00	60.3350	0.0000	59.1735	0.0000	0.0000
PL87	100 year72 hours	0.32	0.00	0.00	0.00	0.00	60.5534	0.0000	59.5933	0.0000	0.0000
PL88	100 year72 hours	2.04	0.00	0.00	0.00	0.00	60.3316	0.0000	59.6338	0.0000	0.0000
PL89	100 year72 hours	0.52	0.00	0.00	0.00	0.00	60.3160	0.0000	59.6338	0.0000	0.0000
PL9	100 year72 hours	0.19	0.00	0.00	0.00	0.00	60.4187	0.0000	59.6338	0.0000	0.0000
PL90	100 year72 hours	0.46	0.00	0.00	0.00	0.00	60.3512	0.0000	59.6338	0.0000	0.0000
PL91	100 year72 hours	0.30	0.00	0.00	0.00	0.00	60.3909	0.0000	59.6338	0.0000	0.0000
PL92	100 year72 hours	0.29	0.00	0.00	0.00	0.00	60.3992	0.0000	59.6338	0.0000	0.0000
PL93	100 year72 hours	0.43	0.00	0.00	0.00	0.00	60.4161	0.0000	59.6200	0.0000	0.0000
PL94	100 year72 hours	0.21	0.00	0.00	0.00	0.00	60.3343	0.0000	59.6338	0.0000	0.0000
PL95	100 year72 hours	0.14	0.00	0.00	0.00	0.00	60.5861	0.0000	59.5933	0.0000	0.0000
PL96	100 year72 hours	0.22	0.00	0.00	0.00	0.00	60.3489	0.0000	59.6338	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL97	100 year 72 hours	0.19	0.00	0.00	0.00	0.00	60.5117	0.0000	59.6338	0.0000	0.0000
PL98	100 year 72 hours	0.26	0.00	0.00	0.00	0.00	61.0188	0.0000	62.9142	0.0000	0.0000
PL99	100 year 72 hours	0.21	0.00	0.00	0.00	0.00	60.4286	0.0000	59.6338	0.0000	0.0000
B112-W L112	25 year 72 hours	101.52	-2.29	-15.92	0.07	0.07	60.0504	64.2572	62.5019	59.9837	59.9837
L01	25 year 72 hours	9.42	0.00	-0.31	0.06	0.06	60.0544	0.0000	60.3679	60.4525	60.4525
L02	25 year 72 hours	14.68	-9.50	-0.16	0.04	0.04	60.9046	60.0293	58.9790	59.3307	59.3307
L03	25 year 72 hours	1.81	-3.40	-0.03	-0.01	-0.01	60.7714	59.8837	59.6278	59.8674	59.8674
L06	25 year 72 hours	12.90	-31.45	-0.19	-0.01	-0.01	61.2179	60.0167	59.6278	60.0008	60.0008
L07	25 year 72 hours	2.28	-1.31	-0.04	0.01	0.01	60.3514	59.7688	59.6352	58.5668	58.5668
L08	25 year 72 hours	12.72	-4.44	-0.18	0.01	0.01	60.3019	59.7347	59.6430	60.2684	60.2684
L09	25 year 72 hours	1.60	0.00	0.01	0.00	0.00	60.1019	0.0000	59.6547	59.9303	59.9303
L10	25 year 72 hours	11.41	-28.90	-0.17	-0.01	-0.01	61.4001	60.0174	59.6278	60.0014	60.0014
L100	25 year 72 hours	0.81	-0.90	-0.02	0.00	0.00	60.7007	59.6886	59.6008	59.6852	59.6852
L101	25 year 72 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L102	25 year 72 hours	0.99	-1.22	-0.02	0.00	0.00	60.7362	59.7177	59.5992	59.7036	59.7036

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L103	25 year 72 hours	4.87	0.00	0.01	0.01	0.01	60.1503	0.0000	59.6894	50.0184	50.0184
L104	25 year 72 hours	5.38	0.00	0.02	0.01	0.01	60.0838	0.0000	59.6278	41.5900	41.5900
L105	25 year 72 hours	8.46	0.00	-3.55	0.05	0.05	59.9341	0.0000	59.2984	59.3965	59.3965
L106	25 year 72 hours	2.09	-0.01	0.01	0.00	0.00	60.1015	9.4165	59.6430	60.0873	60.0873
L107	25 year 72 hours	1.36	-1.74	-0.03	0.00	0.00	60.7341	59.7337	59.5992	59.7190	59.7190
L108	25 year 72 hours	0.30	-14.19	-0.08	-0.01	-0.01	32.9162	60.0011	59.6278	59.9667	59.9667
L109	25 year 72 hours	0.77	-0.81	0.01	0.00	0.00	59.6352	60.1668	59.5799	27.4212	27.4212
L11	25 year 72 hours	33.24	0.00	-2.35	0.05	0.05	60.2842	0.0000	61.0432	61.2298	61.2298
L110	25 year 72 hours	11.10	0.00	-0.02	0.05	0.05	60.2837	0.0000	59.6278	57.8980	57.8980
L111	25 year 72 hours	27.01	0.00	-0.23	0.08	0.08	60.1350	0.0000	58.8077	59.0753	59.0753
L115	25 year 72 hours	2178.80	-578.15	-1965.65	8.17	9.03	0.0000	0.0002	0.0002	0.0000	0.0000
L116	25 year 72 hours	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L117	25 year 72 hours	58.95	-10.22	-25.88	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000
L118	25 year 72 hours	62.96	-13.29	-43.93	4.81	5.48	0.0000	0.0002	0.0002	0.0000	0.0000
L119	25 year 72 hours	39.30	-6.81	-17.25	6.25	6.44	0.0000	0.0002	0.0002	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L12	25 year 72 hours	18.61	0.00	-1.13	0.07	0.07	60.3757	0.0000	60.8706	61.0150	61.0150
L120 WEIR	25 year 72 hours	410.26	0.00	14.75	5.63	5.63	69.4821	0.0000	0.0001	69.4821	69.4821
L13	25 year 72 hours	9.36	0.00	-1.09	0.01	0.01	63.0521	0.0000	64.0343	65.0722	65.0722
L14	25 year 72 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L15	25 year 72 hours	27.93	0.00	-1.06	0.16	0.16	59.9437	0.0000	59.9506	59.9760	59.9760
L16	25 year 72 hours	8.34	-10.30	-0.16	-0.02	-0.02	60.7527	59.8523	59.6117	59.7703	59.7703
L17	25 year 72 hours	32.25	-0.93	0.06	0.05	0.05	60.1541	52.0172	59.7331	60.1357	60.1357
L18	25 year 72 hours	1.03	-0.32	-0.01	0.00	0.00	60.3014	59.7098	59.6409	60.2689	60.2689
L19	25 year 72 hours	2.13	-0.06	0.01	0.00	0.00	60.1339	45.3180	59.6909	60.1171	60.1171
L20	25 year 72 hours	8.69	0.00	0.04	0.01	0.01	59.8945	0.0000	59.6584	59.8307	59.8307
L21	25 year 72 hours	14.82	0.00	0.08	0.01	0.01	60.0001	0.0000	59.6278	59.8393	59.8393
L22	25 year 72 hours	66.23	0.00	0.41	0.01	0.01	59.9021	0.0000	59.6278	59.8201	59.8201
L23	25 year 72 hours	11.22	0.00	0.03	0.01	0.01	60.1367	0.0000	59.6894	52.5097	52.5097
L24	25 year 72 hours	3.41	0.00	0.01	0.00	0.00	60.1507	0.0000	59.6909	39.3343	39.3343
L25	25 year 72 hours	23.55	-17.44	-0.23	0.03	0.03	61.2024	60.0191	59.6584	59.1137	59.1137

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L26	25 year 72 hours	27.00	0.00	0.08	0.02	0.02	60.1175	0.0000	59.6529	59.8823	59.8823
L27	25 year 72 hours	3.69	-8.95	-0.08	-0.02	-0.02	60.7865	59.8511	59.6278	59.8025	59.8025
L28	25 year 72 hours	5.37	-3.82	-0.11	0.00	0.00	60.3181	59.7499	59.6154	60.3003	60.3003
L29	25 year 72 hours	23.29	-29.36	-0.39	-0.01	-0.01	60.7506	59.8355	59.6117	59.8185	59.8185
L30	25 year 72 hours	21.33	-21.83	-0.29	-0.01	-0.01	60.7516	59.8678	59.6117	59.8205	59.8205
L31	25 year 72 hours	10.31	-3.82	10.31	0.00	0.00	4.7214	7.0671	4.7214	60.1360	60.1360
L32	25 year 72 hours	1.17	-0.49	-0.02	0.00	0.00	60.7188	59.7016	59.6214	60.7017	60.7017
L33	25 year 72 hours	45.84	0.00	0.05	0.01	0.01	60.2174	0.0000	59.7331	60.1846	60.1846
L34	25 year 72 hours	9.36	-11.41	-0.19	0.03	0.03	60.8846	60.0008	59.6174	53.5588	53.5588
L35	25 year 72 hours	10.95	-1.74	-0.07	0.01	0.01	60.3014	59.7362	59.6722	60.2678	60.2678
L36	25 year 72 hours	16.23	-0.01	0.07	0.03	0.03	60.0334	3.6085	59.6278	59.9674	59.9674
L37	25 year 72 hours	0.39	-48.13	-0.26	-0.01	-0.01	72.8417	60.0167	59.6278	60.0004	60.0004
L38	25 year 72 hours	0.46	-0.20	0.43	0.00	0.00	58.1281	59.9837	58.1281	58.1281	58.1281
L39	25 year 72 hours	5.12	-7.40	-0.14	0.00	0.00	60.7372	59.7214	59.6117	59.7183	59.7183
L41	25 year 72 hours	16.81	-23.86	-0.19	-0.01	-0.01	60.8012	59.9502	59.5992	59.9172	59.9172

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L42	25 year 72 hours	1.19	-1.10	0.04	0.00	0.00	59.6352	60.2340	59.5546	59.6334	59.6334
L43	25 year 72 hours	2.94	-0.41	-0.01	0.00	0.00	60.4013	59.8177	59.6909	57.6545	57.6545
L44	25 year 72 hours	24.39	-34.29	-0.50	0.02	0.02	60.9009	60.0184	59.6255	56.2518	56.2518
L45	25 year 72 hours	35.82	0.00	-0.13	0.04	0.04	60.7341	0.0000	59.7393	59.8298	59.8298
L46	25 year 72 hours	0.75	-1.90	-0.01	-0.01	-0.01	60.7856	59.9259	59.6278	59.8015	59.8015
L47	25 year 72 hours	5.12	0.00	0.02	0.01	0.01	60.1019	0.0000	59.6430	59.7839	59.7839
L48	25 year 72 hours	14.46	0.00	-0.10	0.06	0.06	60.1068	0.0000	60.7245	60.9744	60.9744
L49	25 year 72 hours	3.73	0.00	0.01	0.02	0.02	60.1533	0.0000	59.6894	56.9875	56.9875
L50	25 year 72 hours	6.18	0.00	-0.44	0.02	0.02	59.9110	0.0000	59.9148	59.9708	59.9708
L51	25 year 72 hours	0.63	-1.36	-0.01	0.00	0.00	60.7875	59.8523	59.6278	59.8338	59.8338
L52	25 year 72 hours	2.75	-4.28	-0.05	-0.01	-0.01	60.7352	59.7521	59.6278	59.7202	59.7202
L53	25 year 72 hours	3.87	-25.58	-0.14	-0.03	-0.03	61.7791	60.0174	59.6278	60.0011	60.0011
L54	25 year 72 hours	3.76	-2.73	-0.13	0.00	0.00	60.7227	59.7016	59.6278	47.6017	47.6017
L55	25 year 72 hours	0.47	-1.02	-0.01	0.00	0.00	60.7516	59.7521	59.6174	59.7226	59.7226
L56	25 year 72 hours	1.96	-0.58	-0.03	0.00	0.00	60.2217	59.6879	59.6409	33.8472	33.8472

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L57	25 year 72 hours	3.79	0.00	-0.06	0.06	0.06	59.9292	0.0000	59.9303	59.9823	59.9823
L58	25 year 72 hours	28.09	0.00	0.12	0.04	0.04	60.0180	0.0000	59.6278	59.7510	59.7510
L59	25 year 72 hours	17.75	0.00	-0.09	0.01	0.01	60.1068	0.0000	61.5707	62.3449	62.3449
L60	25 year 72 hours	44.48	0.00	0.18	0.01	0.01	60.1171	0.0000	59.6430	39.2302	39.2302
L61	25 year 72 hours	18.08	0.00	-0.94	0.05	0.05	60.2604	0.0000	61.0025	61.2056	61.2056
L62	25 year 72 hours	3.94	-16.25	-0.09	-0.02	-0.02	61.2056	60.0024	59.6278	59.9692	59.9692
L63	25 year 72 hours	1.04	-1.62	-0.03	0.00	0.00	60.7684	59.9249	59.5992	59.7202	59.7202
L64	25 year 72 hours	2.63	-2.27	-0.26	-0.05	-0.05	59.5212	59.8025	59.5367	59.7901	59.7901
L65	25 year 72 hours	0.80	-1.90	-0.02	0.00	0.00	60.7089	59.8515	59.6174	59.7023	59.7023
L66	25 year 72 hours	0.75	-3.53	0.02	-0.03	-0.03	61.2379	59.9928	60.0011	60.2694	60.2694
L67	25 year 72 hours	9.63	0.00	-0.99	0.02	0.02	61.2556	0.0000	62.6409	63.3066	63.3066
L68	25 year 72 hours	1.14	-2.74	-0.03	-0.01	-0.01	60.7684	59.7849	59.6278	59.7516	59.7516
L69	25 year 72 hours	0.59	-1.22	-0.01	0.00	0.00	60.7693	59.7839	59.6278	59.7516	59.7516
L70	25 year 72 hours	0.65	-1.60	-0.01	-0.01	-0.01	60.8218	59.8820	59.6278	59.8338	59.8338
L71	25 year 72 hours	6.10	0.00	-0.24	0.03	0.03	59.8789	0.0000	59.8820	59.9522	59.9522

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L72	25 year 72 hours	1.68	0.00	-1.19	0.00	0.00	60.1507	0.0000	33.2781	54.9627	54.9627
L73	25 year 72 hours	1.66	-6.01	-0.05	-0.02	-0.02	60.7846	59.8670	59.6278	59.8006	59.8006
L74	25 year 72 hours	0.11	0.00	0.01	0.00	0.00	67.2698	0.0000	66.8746	0.0000	0.0000
L75	25 year 72 hours	0.83	-1.43	-0.01	0.00	0.00	60.7628	59.7677	59.6278	59.7362	59.7362
L76	25 year 72 hours	57.77	0.00	-0.13	0.04	0.04	60.3003	0.0000	58.8193	59.2706	59.2706
L77	25 year 72 hours	63.27	0.00	0.27	0.00	0.00	60.1517	0.0000	59.7306	0.0000	0.0000
L78	25 year 72 hours	3.16	0.00	0.04	0.01	0.01	59.7991	0.0000	59.5546	59.7165	59.7165
L79	25 year 72 hours	3.46	0.00	0.05	0.01	0.01	59.8249	0.0000	59.5546	59.7505	59.7505
L80	25 year 72 hours	15.17	-1.14	12.24	0.15	0.15	59.6738	58.3777	59.6738	59.6738	59.6738
L81	25 year 72 hours	10.57	-0.56	-0.03	0.00	0.00	60.2201	59.7023	59.6174	60.2170	60.2170
L82	25 year 72 hours	8.73	-0.03	0.07	0.01	0.01	59.8507	9.3849	59.5546	59.7924	59.7924
L83	25 year 72 hours	11.07	0.00	0.09	0.01	0.01	59.8355	0.0000	59.5546	59.7688	59.7688
L84	25 year 72 hours	7.38	-25.78	-0.15	-0.03	-0.03	60.9021	60.0024	59.6278	59.9025	59.9025
L85	25 year 72 hours	1.36	-2.01	-0.02	0.00	0.00	60.7352	59.7521	59.5920	59.7352	59.7352
L86	25 year 72 hours	8.34	0.00	-0.41	0.14	0.14	59.9144	0.0000	59.9178	59.9437	59.9437

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L87	25 year 72 hours	0.43	-0.25	-0.01	0.00	0.00	60.7341	59.7010	59.6117	28.9430	28.9430
L88	25 year 72 hours	6.53	0.00	-0.04	0.07	0.07	59.9502	0.0000	59.5546	59.6852	59.6852
L89	25 year 72 hours	18.31	0.00	0.12	0.03	0.03	59.8088	0.0000	59.6278	58.3943	58.3943
L90	25 year 72 hours	1.23	-0.03	0.00	0.00	0.00	60.1171	1.0209	59.6584	60.1019	60.1019
L91	25 year 72 hours	3.38	0.00	0.01	0.01	0.01	59.9341	0.0000	59.6409	52.9755	52.9755
L92	25 year 72 hours	15.14	0.00	-0.41	0.14	0.14	59.8772	0.0000	59.8800	59.9195	59.9195
L93	25 year 72 hours	1.02	0.00	0.00	0.00	0.00	60.1679	0.0000	59.5546	53.3947	53.3947
L94	25 year 72 hours	27.41	0.00	-0.64	0.18	0.18	59.9303	0.0000	59.9349	59.9633	59.9633
L95	25 year 72 hours	5.32	-2.89	-0.14	0.00	0.00	60.2694	59.7036	59.6278	60.2367	60.2367
L96	25 year 72 hours	4.97	0.00	0.03	0.03	0.03	60.0001	0.0000	59.6278	59.7448	59.7448
L97	25 year 72 hours	3.01	0.00	0.01	0.02	0.02	60.1360	0.0000	59.6894	54.4566	54.4566
L98	25 year 72 hours	2.04	-2.53	-0.03	0.01	0.01	60.7382	59.8193	59.6008	36.2828	36.2828
L99	25 year 72 hours	6.57	0.00	-0.28	0.06	0.06	59.8261	0.0000	59.8307	59.8901	59.8901
PL01	25 year 72 hours	0.38	0.00	0.00	0.00	0.00	60.3685	0.0000	59.6909	0.0000	0.0000
PL02	25 year 72 hours	0.25	0.00	0.00	0.00	0.00	61.1929	0.0000	59.6278	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL03	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	61.1313	0.0000	62.4949	0.0000	0.0000
PL10	25 year 72 hours	0.50	0.00	0.00	0.00	0.00	62.3026	0.0000	65.4639	0.0000	0.0000
PL100	25 year 72 hours	0.18	0.00	0.00	0.00	0.00	60.4939	0.0000	59.6584	0.0000	0.0000
PL101	25 year 72 hours	0.19	0.00	0.00	0.00	0.00	60.4053	0.0000	59.6430	0.0000	0.0000
PL102	25 year 72 hours	0.11	0.00	0.00	0.00	0.00	60.5314	0.0000	59.6584	0.0000	0.0000
PL103	25 year 72 hours	1.91	0.00	0.00	0.00	0.00	60.4817	0.0000	59.7331	0.0000	0.0000
PL104	25 year 72 hours	1.70	0.00	0.00	0.00	0.00	60.4064	0.0000	59.7331	0.0000	0.0000
PL105	25 year 72 hours	0.21	0.00	0.00	0.00	0.00	60.3733	0.0000	59.6584	0.0000	0.0000
PL106	25 year 72 hours	0.10	0.00	0.00	0.00	0.00	60.4945	0.0000	59.6584	0.0000	0.0000
PL107	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.5967	0.0000	59.6430	0.0000	0.0000
PL108	25 year 72 hours	0.66	0.00	0.00	0.00	0.00	60.4442	0.0000	59.6584	0.0000	0.0000
PL109	25 year 72 hours	0.21	0.00	0.00	0.00	0.00	60.2925	0.0000	59.6278	0.0000	0.0000
PL11	25 year 72 hours	3.39	0.00	3.05	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL110	25 year 72 hours	0.29	0.00	0.00	0.00	0.00	60.6317	0.0000	59.6278	0.0000	0.0000
PL111	25 year 72 hours	0.98	0.00	0.00	0.00	0.00	60.5455	0.0000	62.4949	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL112	25 year 72 hours	1.11	0.00	0.00	0.00	0.00	60.5699	0.0000	59.7331	0.0000	0.0000
PL12	25 year 72 hours	2.66	0.00	2.39	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL13	25 year 72 hours	0.29	0.00	0.00	0.00	0.00	64.0310	0.0000	62.7431	0.0000	0.0000
PL14	25 year 72 hours	0.51	0.00	0.00	0.00	0.00	60.3685	0.0000	59.6430	0.0000	0.0000
PL15	25 year 72 hours	3.55	0.00	3.19	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL16	25 year 72 hours	0.38	0.00	0.00	0.00	0.00	60.6495	0.0000	59.6278	0.0000	0.0000
PL17	25 year 72 hours	17.56	0.00	15.79	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL18	25 year 72 hours	0.66	0.00	0.00	0.00	0.00	60.5474	0.0000	59.6278	0.0000	0.0000
PL19	25 year 72 hours	1.07	0.00	0.96	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL20	25 year 72 hours	0.16	0.00	0.00	0.00	0.00	60.3963	0.0000	59.6584	0.0000	0.0000
PL21	25 year 72 hours	0.33	0.00	0.00	0.00	0.00	60.3847	0.0000	59.6584	0.0000	0.0000
PL22	25 year 72 hours	15.65	0.00	14.08	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL23	25 year 72 hours	0.27	0.00	0.00	0.00	0.00	60.4763	0.0000	59.6909	0.0000	0.0000
PL24	25 year 72 hours	1.38	0.00	1.24	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL25	25 year 72 hours	11.02	0.00	9.91	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL26	25 year 72 hours	10.03	0.00	9.02	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL27	25 year 72 hours	3.77	0.00	3.39	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL28	25 year 72 hours	2.34	0.00	2.10	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL29	25 year 72 hours	0.18	0.00	0.00	0.00	0.00	60.6917	0.0000	59.6278	0.0000	0.0000
PL30	25 year 72 hours	17.85	0.00	16.06	0.00	0.00	4.7189	0.0000	4.7189	0.0000	0.0000
PL31	25 year 72 hours	51.96	0.00	51.89	0.00	0.00	4.7197	0.0000	0.6942	0.0000	0.0000
PL32	25 year 72 hours	1.04	0.00	0.00	0.00	0.00	60.4269	0.0000	59.6278	0.0000	0.0000
PL33	25 year 72 hours	0.39	0.00	0.00	0.00	0.00	60.5699	0.0000	59.6430	0.0000	0.0000
PL34	25 year 72 hours	0.46	0.00	0.00	0.00	0.00	61.5247	0.0000	65.4639	0.0000	0.0000
PL35	25 year 72 hours	0.24	0.00	0.00	0.00	0.00	60.6441	0.0000	59.6584	0.0000	0.0000
PL36	25 year 72 hours	0.08	0.00	0.00	0.00	0.00	60.4513	0.0000	59.6584	0.0000	0.0000
PL37	25 year 72 hours	0.45	0.00	0.00	0.00	0.00	60.7227	0.0000	59.6278	0.0000	0.0000
PL38	25 year 72 hours	0.10	0.00	0.00	0.00	0.00	60.4945	0.0000	59.6430	0.0000	0.0000
PL39	25 year 72 hours	0.15	0.00	0.00	0.00	0.00	60.5803	0.0000	59.6430	0.0000	0.0000
PL41	25 year 72 hours	0.11	0.00	0.00	0.00	0.00	61.2411	0.0000	65.4639	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL42	25 year 72 hours	0.10	0.00	0.00	0.00	0.00	60.3030	0.0000	59.6278	0.0000	0.0000
PL43	25 year 72 hours	0.26	0.00	0.00	0.00	0.00	60.5416	0.0000	59.6430	0.0000	0.0000
PL44	25 year 72 hours	0.15	0.00	0.00	0.00	0.00	60.6621	0.0000	59.6278	0.0000	0.0000
PL45	25 year 72 hours	0.27	0.00	0.00	0.00	0.00	60.6756	0.0000	59.6430	0.0000	0.0000
PL46	25 year 72 hours	0.14	0.00	0.00	0.00	0.00	60.6103	0.0000	59.6278	0.0000	0.0000
PL47	25 year 72 hours	0.15	0.00	0.00	0.00	0.00	60.4031	0.0000	59.6584	0.0000	0.0000
PL48	25 year 72 hours	1.77	0.00	0.00	0.00	0.00	60.5020	0.0000	59.6584	0.0000	0.0000
PL49	25 year 72 hours	1.09	0.00	0.00	0.00	0.00	60.4042	0.0000	59.6584	0.0000	0.0000
PL50	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.2720	0.0000	59.7331	0.0000	0.0000
PL51	25 year 72 hours	0.10	0.00	0.00	0.00	0.00	60.9341	0.0000	62.4949	0.0000	0.0000
PL52	25 year 72 hours	0.15	0.00	0.00	0.00	0.00	60.6495	0.0000	62.4949	0.0000	0.0000
PL53	25 year 72 hours	0.22	0.00	0.00	0.00	0.00	62.8795	0.0000	65.4639	0.0000	0.0000
PL54	25 year 72 hours	0.24	0.00	0.00	0.00	0.00	60.4945	0.0000	59.6278	0.0000	0.0000
PL55	25 year 72 hours	0.18	0.00	0.00	0.00	0.00	60.4536	0.0000	59.6584	0.0000	0.0000
PL56	25 year 72 hours	0.55	0.00	0.00	0.00	0.00	60.5020	0.0000	59.6278	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL57	25 year 72 hours	0.25	0.00	0.00	0.00	0.00	60.3461	0.0000	59.6584	0.0000	0.0000
PL58	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.4390	0.0000	59.6584	0.0000	0.0000
PL59	25 year 72 hours	0.39	0.00	0.00	0.00	0.00	60.5339	0.0000	59.6584	0.0000	0.0000
PL6	25 year 72 hours	0.63	0.00	0.00	0.00	0.00	61.7138	0.0000	65.4639	0.0000	0.0000
PL60	25 year 72 hours	0.60	0.00	0.00	0.00	0.00	60.3799	0.0000	59.6584	0.0000	0.0000
PL61	25 year 72 hours	0.95	0.00	0.00	0.00	0.00	60.6917	0.0000	61.0907	0.0000	0.0000
PL62	25 year 72 hours	0.53	0.00	0.00	0.00	0.00	61.5283	0.0000	65.4639	0.0000	0.0000
PL63	25 year 72 hours	0.14	0.00	0.00	0.00	0.00	60.5075	0.0000	59.6430	0.0000	0.0000
PL64	25 year 72 hours	0.56	0.00	0.00	0.00	0.00	60.5788	0.0000	59.2706	0.0000	0.0000
PL65	25 year 72 hours	0.10	0.00	0.00	0.00	0.00	60.4149	0.0000	59.6430	0.0000	0.0000
PL66	25 year 72 hours	0.28	0.00	0.00	0.00	0.00	62.2229	0.0000	65.4639	0.0000	0.0000
PL67	25 year 72 hours	0.68	0.00	0.00	0.00	0.00	62.2263	0.0000	62.7112	0.0000	0.0000
PL68	25 year 72 hours	0.20	0.00	0.00	0.00	0.00	60.5944	0.0000	59.6430	0.0000	0.0000
PL69	25 year 72 hours	0.19	0.00	0.00	0.00	0.00	60.6332	0.0000	59.7331	0.0000	0.0000
PL7	25 year 72 hours	0.22	0.00	0.00	0.00	0.00	60.7300	0.0000	62.4949	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL70	25 year 72 hours	0.33	0.00	0.00	0.00	0.00	60.6828	0.0000	59.6278	0.0000	0.0000
PL71	25 year 72 hours	0.39	0.00	0.00	0.00	0.00	60.3685	0.0000	59.6430	0.0000	0.0000
PL72	25 year 72 hours	0.48	0.00	0.00	0.00	0.00	60.3815	0.0000	59.6584	0.0000	0.0000
PL73	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.8131	0.0000	62.4949	0.0000	0.0000
PL74	25 year 72 hours	0.91	0.00	0.00	0.00	0.00	60.2851	0.0000	59.6430	0.0000	0.0000
PL75	25 year 72 hours	0.36	0.00	0.00	0.00	0.00	60.6140	0.0000	59.7331	0.0000	0.0000
PL76	25 year 72 hours	0.20	0.00	0.00	0.00	0.00	60.5634	0.0000	59.6430	0.0000	0.0000
PL77	25 year 72 hours	0.45	0.00	0.00	0.00	0.00	60.5699	0.0000	59.7331	0.0000	0.0000
PL78	25 year 72 hours	0.45	0.00	0.00	0.00	0.00	60.2062	0.0000	59.6278	0.0000	0.0000
PL79	25 year 72 hours	0.28	0.00	0.00	0.00	0.00	60.2323	0.0000	59.6278	0.0000	0.0000
PL8	25 year 72 hours	0.61	0.00	0.00	0.00	0.00	60.6110	0.0000	59.6278	0.0000	0.0000
PL80	25 year 72 hours	0.03	0.00	0.00	0.00	0.00	60.2739	0.0000	59.6278	0.0000	0.0000
PL81	25 year 72 hours	0.14	0.00	0.00	0.00	0.00	60.5699	0.0000	59.6584	0.0000	0.0000
PL82	25 year 72 hours	0.38	0.00	0.00	0.00	0.00	60.2763	0.0000	59.6430	0.0000	0.0000
PL83	25 year 72 hours	0.47	0.00	0.00	0.00	0.00	60.2720	0.0000	59.6430	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL84	25 year 72 hours	0.15	0.00	0.00	0.00	0.00	60.8971	0.0000	59.6278	0.0000	0.0000
PL85	25 year 72 hours	0.22	0.00	0.00	0.00	0.00	60.6011	0.0000	62.4949	0.0000	0.0000
PL86	25 year 72 hours	1.08	0.00	0.00	0.00	0.00	60.2639	0.0000	59.7331	0.0000	0.0000
PL87	25 year 72 hours	0.26	0.00	0.00	0.00	0.00	60.5282	0.0000	59.7331	0.0000	0.0000
PL88	25 year 72 hours	1.85	0.00	0.00	0.00	0.00	60.3181	0.0000	59.6584	0.0000	0.0000
PL89	25 year 72 hours	0.48	0.00	0.00	0.00	0.00	60.2930	0.0000	59.6430	0.0000	0.0000
PL9	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.4200	0.0000	59.6584	0.0000	0.0000
PL90	25 year 72 hours	0.38	0.00	0.00	0.00	0.00	60.3398	0.0000	59.6430	0.0000	0.0000
PL91	25 year 72 hours	0.26	0.00	0.00	0.00	0.00	60.3809	0.0000	59.6584	0.0000	0.0000
PL92	25 year 72 hours	0.26	0.00	0.00	0.00	0.00	60.3847	0.0000	59.6584	0.0000	0.0000
PL93	25 year 72 hours	0.37	0.00	0.00	0.00	0.00	60.3914	0.0000	59.6584	0.0000	0.0000
PL94	25 year 72 hours	0.19	0.00	0.00	0.00	0.00	60.3146	0.0000	59.6584	0.0000	0.0000
PL95	25 year 72 hours	0.12	0.00	0.00	0.00	0.00	60.5788	0.0000	59.6278	0.0000	0.0000
PL96	25 year 72 hours	0.19	0.00	0.00	0.00	0.00	60.3351	0.0000	59.6430	0.0000	0.0000
PL97	25 year 72 hours	0.17	0.00	0.00	0.00	0.00	60.4637	0.0000	59.7331	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
PL98	25 year 72 hours	0.23	0.00	0.00	0.00	0.00	60.9981	0.0000	62.4949	0.0000	0.0000
PL99	25 year 72 hours	0.18	0.00	0.00	0.00	0.00	60.3842	0.0000	59.6584	0.0000	0.0000

Node Max Conditions w/ Times [PRE BASINS]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND01	03 year 24 hour	0.00	23.01	0.0001	0.90	0.60	22528	15.1228	4.1411	12.0167	15.1231
ND02	03 year 24 hour	0.00	23.20	0.0002	8.22	8.22	265941	29.7664	19.9599	13.3668	13.3850
ND03	03 year 24 hour	0.00	23.55	0.0001	7.81	0.68	613150	27.0499	17.7104	12.3167	12.3668
ND06	03 year 24 hour	0.00	23.33	0.0001	9.99	3.56	783884	29.6134	17.7104	13.5666	13.3880
ND07	03 year 24 hour	0.00	23.16	0.0002	2.36	2.20	118320	25.1835	4.5523	12.2000	12.6070
ND08	03 year 24 hour	0.00	23.11	0.0003	7.30	5.23	327516	25.2688	4.2598	12.1500	11.0627
ND09	03 year 24 hour	0.00	22.70	0.0001	0.69	0.50	24504	24.3313	17.7104	12.0333	10.9951
ND10	03 year 24 hour	0.00	23.22	0.0002	10.84	4.77	815598	32.3005	21.8223	15.6335	13.2842
ND100	03 year 24 hour	0.00	21.16	0.0004	2.42	0.26	201234	24.6548	0.6581	12.0167	12.1531
ND101	03 year 24 hour	0.00	20.49	0.0002	3.58	0.00	210008	28.1374	4.4361	12.2667	0.0000
ND102	03 year 24 hour	0.00	21.06	0.0001	1.15	0.44	84580	24.7786	4.3180	12.0500	12.1517
ND103	03 year 24 hour	0.00	20.03	0.0005	3.61	2.72	127893	22.6761	4.3180	12.0500	11.1371
ND104	03 year 24 hour	0.00	20.80	0.0006	3.48	1.86	95409	22.7924	4.3180	12.0333	11.5836
ND105	03 year 24 hour	0.00	20.58	0.0009	1.60	1.60	9027	24.4888	20.7337	12.0333	12.0334
ND106	03 year	0.00	21.29	0.0005	2.19	0.48	192986	24.7217	1.5259	12.0167	11.7932

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND107	03 year 24 hour	0.00	21.16	0.0001	2.25	0.66	133200	25.0147	1.1087	12.0833	12.1764
ND108	03 year 24 hour	0.00	21.74	0.0001	2.86	1.25	192053	24.3737	17.7104	12.0353	9.6192
ND109	03 year 24 hour	0.00	21.93	0.0009	3.99	0.80	388571	24.4826	4.1865	12.0000	7.3174
ND11	03 year 24 hour	0.00	23.07	0.0004	4.47	0.00	270634	27.3182	4.4979	12.1833	0.0000
ND110	03 year 24 hour	0.00	21.44	0.0002	4.38	4.38	92686	25.4976	17.7104	12.2000	12.2006
ND111	03 year 24 hour	0.00	21.56	0.0008	8.29	8.28	127177	24.7526	4.3921	12.1000	12.1192
ND112	03 year 24 hour	0.00	24.13	0.0005	14.52	10.92	65340	24.7120	18.6197	12.0167	12.0003
ND115	03 year 24 hour	0.00	22.31	-0.1380	621.76	2402.97	7212847	21.9452	0.0001	0.0002	0.0000
ND116	03 year 24 hour	0.00	22.31	0.1308	2402.97	721.13	4375164	22.0431	0.0001	0.0000	0.0002
ND12	03 year 24 hour	0.00	23.31	0.0003	2.74	1.38	174072	19.6520	4.6980	12.2833	19.6532
ND13	03 year 24 hour	0.00	22.94	0.0001	4.65	0.00	373787	29.8184	17.7104	12.4833	0.0000
ND14	03 year 24 hour	0.00	22.72	0.0002	8.37	0.00	429881	25.9565	17.7104	12.0666	0.0000
ND15	03 year 24 hour	0.00	21.46	0.0006	2.84	2.84	75189	12.0392	4.3180	12.0167	12.0392
ND16	03 year 24 hour	0.00	21.14	0.0002	4.62	4.20	273609	25.8165	4.3180	12.2667	13.2347
ND17	03 year 24 hour	0.00	21.00	0.0007	9.53	2.22	422288	24.7392	4.1931	13.5018	15.1666
ND18	03 year 24 hour	0.00	21.32	0.0001	0.73	0.34	41814	22.7772	2.1549	12.1000	12.2019
ND19	03 year 24 hour	0.00	21.43	0.0001	2.19	0.23	86011	24.1926	17.7104	11.5372	15.1641
ND20	03 year 24 hour	0.00	21.81	0.0009	6.52	5.94	305945	24.8521	4.1931	12.0167	11.4970
ND21	03 year 24 hour	0.00	21.25	0.0006	2.97	2.83	82359	24.5748	4.3180	12.0167	11.6622
ND22	03 year 24 hour	20.40	21.22	0.0010	31.75	15.75	1247192	24.7317	4.0132	12.0000	11.7334
ND23	03 year 24 hour	0.00	21.44	0.0007	4.90	4.90	153458	24.8934	4.3160	12.0500	12.0534
ND24	03 year 24 hour	0.00	20.93	0.0001	2.29	1.52	102452	24.6299	17.7104	12.0500	10.6115

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND25	03 year 24 hour	0.00	21.31	0.0002	11.17	11.17	382353	32.4282	21.8223	13.9166	13.9476
ND26	03 year 24 hour	0.00	21.14	0.0007	5.49	5.49	91703	24.8220	4.3142	12.0500	12.0524
ND27	03 year 24 hour	0.00	21.50	0.0002	3.51	1.68	270327	25.0361	4.3921	12.1667	9.8858
ND28	03 year 24 hour	0.00	22.09	0.0005	5.84	1.17	327109	25.6335	4.4058	12.1500	12.2852
ND29	03 year 24 hour	0.00	22.10	0.0001	15.43	7.43	941757	26.8249	17.7104	12.2500	12.3030
ND30	03 year 24 hour	0.00	21.71	0.0004	18.51	3.92	510028	25.9899	4.4058	11.1200	12.4348
ND31	03 year 24 hour	0.00	22.53	0.0010	2.74	1.84	103072	24.5503	0.1113	12.0500	12.0853
ND32	03 year 24 hour	0.00	22.49	0.0001	0.74	0.36	49505	22.4057	4.4058	12.0500	12.1690
ND33	03 year 24 hour	0.00	21.28	0.0009	11.15	10.69	226636	25.5696	4.3180	12.1167	11.8628
ND34	03 year 24 hour	0.00	21.64	0.0002	10.54	10.54	575972	28.6459	17.7104	13.0833	13.1014
ND35	03 year 24 hour	0.00	21.45	0.0004	4.80	4.77	171411	25.7665	4.5523	12.1833	12.0981
ND36	03 year 24 hour	0.00	20.87	0.0002	2.07	1.84	62203	24.5969	2.3056	12.0167	12.0169
ND37	03 year 24 hour	0.00	21.98	0.0009	7.90	0.32	484573	26.8832	3.6733	12.0335	24.7429
ND38	03 year 24 hour	0.00	21.19	-0.0010	0.56	0.44	3234	24.3915	14.8729	14.1678	15.3994
ND39	03 year 24 hour	0.00	21.24	0.0001	8.32	2.37	620079	25.3879	1.2681	12.0667	12.1680
ND41	03 year 24 hour	0.00	21.62	0.0002	14.52	5.65	906111	28.8162	4.3180	12.5000	12.4516
ND42	03 year 24 hour	0.00	22.14	0.0001	1.30	0.01	120488	24.6250	0.9902	12.0000	25.3361
ND43	03 year 24 hour	0.00	20.90	0.0009	0.98	1.77	19985	24.8487	17.7121	12.2667	17.7063
ND44	03 year 24 hour	0.00	21.96	0.0002	11.52	11.52	504880	29.3276	4.4979	12.7833	12.7866
ND45	03 year 24 hour	0.00	21.03	0.0010	9.55	9.55	20590	28.4677	22.9816	12.6833	12.6846
ND46	03 year 24 hour	0.00	22.56	0.0001	0.60	0.60	54647	24.5792	4.7318	12.1667	12.1809
ND47	03 year 24 hour	0.00	21.60	0.0003	3.07	2.69	145794	24.7217	4.1459	12.0167	12.2598
ND48	03 year	0.00	21.78	0.0002	1.58	1.58	19512	12.0727	4.3160	12.0666	12.0728

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND49	03 year 24 hour	0.00	21.59	0.0002	2.17	2.16	70526	24.1619	4.2648	12.0500	12.0561
ND50	03 year 24 hour	0.00	22.01	0.0000	0.74	0.69	47483	12.1821	22.3338	12.0333	12.1821
ND51	03 year 24 hour	0.00	21.83	0.0010	1.43	0.18	131951	25.4976	3.2547	12.2000	12.3233
ND52	03 year 24 hour	0.00	21.67	0.0001	4.09	4.02	326577	25.3167	17.7104	12.1000	12.2032
ND53	03 year 24 hour	0.00	21.94	0.0001	5.46	0.71	830850	33.0001	21.8223	15.6835	22.5811
ND54	03 year 24 hour	0.00	21.67	0.0003	4.17	4.04	249945	24.9450	4.1931	12.0666	11.8433
ND55	03 year 24 hour	0.00	21.96	0.0002	0.45	0.03	42502	24.3756	2.9122	12.0173	24.2933
ND56	03 year 24 hour	0.00	22.52	0.0001	1.64	0.89	89671	24.3369	4.2648	12.0667	12.1213
ND57	03 year 24 hour	0.00	22.01	0.0001	0.43	0.43	1778	12.0359	4.7340	12.0333	12.0359
ND58	03 year 24 hour	0.00	21.09	0.0007	4.25	4.25	33787	24.7716	4.3180	12.0333	12.0350
ND59	03 year 24 hour	0.00	22.51	0.0000	1.89	1.88	69426	12.0856	22.3338	12.0500	12.0857
ND60	03 year 24 hour	0.00	22.03	0.0010	28.47	19.89	1262739	24.8554	4.0913	12.0167	11.5835
ND61	03 year 24 hour	0.00	21.76	0.0000	2.41	2.40	120646	12.2365	22.4273	12.1833	12.2365
ND62	03 year 24 hour	0.00	22.13	0.0001	4.43	3.46	523791	27.0582	17.7104	12.9333	11.6738
ND63	03 year 24 hour	0.00	21.86	0.0001	1.18	1.09	89995	24.6876	17.7104	12.0666	11.6124
ND64	03 year 24 hour	0.00	22.03	0.0002	1.88	1.26	139698	24.4138	4.4979	12.1500	15.6874
ND65	03 year 24 hour	0.00	22.64	0.0001	3.58	0.02	92702	24.7354	17.7104	12.0964	24.4888
ND66	03 year 24 hour	0.00	22.03	0.0001	1.27	0.11	163240	26.8415	21.8223	15.0704	22.3047
ND67	03 year 24 hour	0.00	22.54	0.0001	2.31	0.00	224403	29.0185	17.7104	12.3667	0.0000
ND68	03 year 24 hour	0.00	22.91	0.0001	1.62	0.08	169347	24.7980	17.7104	12.0460	12.3673
ND69	03 year 24 hour	0.00	22.70	0.0001	1.16	0.05	117890	24.6448	2.1549	12.0332	22.2656
ND70	03 year 24 hour	0.00	22.93	0.0001	0.56	0.08	57717	24.2395	2.1549	12.0227	22.3594

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND71	03 year 24 hour	0.00	22.41	0.0001	1.08	1.08	32722	12.1240	4.4058	12.1000	12.1240
ND72	03 year 24 hour	0.00	22.30	0.0018	1.62	6.24	61015	24.2483	13.1737	13.1737	13.2021
ND73	03 year 24 hour	0.00	21.62	0.0001	3.53	0.05	625086	25.6015	20.2488	12.0333	24.6498
ND74	03 year 24 hour	0.00	21.94	0.0001	0.27	0.00	24535	27.5535	17.7104	12.2167	0.0000
ND75	03 year 24 hour	0.00	22.59	0.0001	1.51	0.08	144028	24.4989	17.7104	12.0167	22.2656
ND76	03 year 24 hour	0.00	21.60	0.0008	15.76	15.75	188281	26.2915	4.3180	12.2000	12.2154
ND77	03 year 24 hour	0.00	22.71	0.0006	7.22	0.77	372096	24.2173	4.2648	12.0833	24.2173
ND78	03 year 24 hour	0.00	22.85	0.0006	1.99	1.91	84320	24.1654	4.1898	12.0000	11.6035
ND79	03 year 24 hour	0.00	22.87	0.0004	1.86	0.71	80730	24.2780	4.1411	12.0000	11.5502
ND80	03 year 24 hour	0.00	22.41	-0.0010	1.42	1.33	4243	24.0529	19.0480	19.0528	19.0480
ND81	03 year 24 hour	0.00	22.66	0.0003	4.10	2.73	147647	25.4715	4.3180	12.1167	12.1503
ND82	03 year 24 hour	0.00	23.03	0.0004	5.72	1.71	273088	24.4888	0.8920	12.0000	11.8185
ND83	03 year 24 hour	0.00	23.12	0.0008	4.37	2.61	180432	24.4114	4.1459	12.0000	11.5862
ND84	03 year 24 hour	0.00	22.90	0.0002	6.87	6.87	606660	28.2587	4.5514	12.5667	12.6168
ND85	03 year 24 hour	0.00	21.69	0.0003	2.13	1.79	137783	24.7266	4.5706	12.1000	11.4075
ND86	03 year 24 hour	0.00	22.01	0.0002	1.01	1.01	13279	12.0552	4.6140	12.0500	12.0552
ND87	03 year 24 hour	0.00	21.99	0.0001	0.64	0.17	48877	24.1768	17.7104	12.0500	8.2237
ND88	03 year 24 hour	0.00	22.01	0.0003	1.43	1.43	10718	22.3786	4.4058	12.0333	12.0429
ND89	03 year 24 hour	0.00	22.18	0.0002	5.40	5.40	97680	24.5233	18.0990	12.0000	12.0103
ND90	03 year 24 hour	0.00	22.43	0.0003	0.72	0.32	38945	24.3795	0.9726	12.0167	12.0178
ND91	03 year 24 hour	0.00	22.34	0.0001	1.57	1.57	56409	24.4610	17.7104	12.0333	12.0334
ND92	03 year 24 hour	0.00	21.31	0.0003	1.93	1.93	14220	12.0500	4.4058	12.0333	12.0501
ND93	03 year	0.00	22.59	0.0001	0.56	0.55	24286	24.1584	4.4058	12.0500	11.8869

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND94	03 year 24 hour	0.00	22.01	0.0005	2.83	2.83	21606	12.0233	4.3180	12.0167	12.0233
ND95	03 year 24 hour	0.00	20.96	0.0006	4.36	4.36	240952	25.3767	4.4058	12.0833	12.1086
ND96	03 year 24 hour	0.00	21.14	0.0001	0.72	0.72	10659	24.2217	4.1931	12.0000	12.0041
ND97	03 year 24 hour	0.00	21.42	0.0004	2.13	2.13	75801	24.6548	4.4058	12.0500	12.0520
ND98	03 year 24 hour	0.00	20.64	0.0003	4.16	2.46	279624	25.7332	4.5523	12.2333	10.5386
ND99	03 year 24 hour	0.00	20.61	0.0002	0.94	0.94	38109	12.0675	4.6140	12.0333	12.0675
NWL01	03 year 24 hour	0.00	22.40	0.0003	0.99	0.10	47804	24.3384	2.1549	15.1045	19.1474
NWL02	03 year 24 hour	0.00	23.20	0.0003	12.53	0.16	420114	29.9160	17.7104	12.0334	19.1474
NWL03	03 year 24 hour	0.00	23.55	0.0002	1.27	0.29	54450	27.0915	2.1549	12.0333	6.4269
NWL06	03 year 24 hour	0.00	23.33	0.0002	9.39	2.93	564102	29.7000	2.9122	12.0167	7.9107
NWL07	03 year 24 hour	0.00	23.16	0.0001	2.74	0.15	55539	25.2162	2.9122	12.5887	16.5609
NWL08	03 year 24 hour	0.00	23.11	0.0001	9.92	0.26	404019	25.3461	17.7104	12.0000	13.2478
NWL09	03 year 24 hour	0.00	22.70	0.0002	0.80	0.07	28314	24.3430	2.1549	10.9951	12.3313
NWL10	03 year 24 hour	0.00	23.21	0.0002	9.99	0.31	462678	32.3846	21.8223	12.0000	16.2220
NWL100	03 year 24 hour	0.00	21.16	0.0002	1.49	0.14	93261	24.6653	2.1549	12.0000	4.0560
NWL101	03 year 24 hour	0.00	19.54	0.0005	0.63	0.07	32670	24.1121	2.1549	11.9833	12.2278
NWL102	03 year 24 hour	0.00	21.06	0.0001	1.65	0.04	92565	24.8164	2.9330	12.0000	15.2183
NWL103	03 year 24 hour	0.00	20.03	0.0002	3.31	1.05	51183	22.6868	2.1549	11.1372	12.1824
NWL104	03 year 24 hour	0.00	20.80	0.0002	2.30	0.84	33759	22.8026	2.1549	11.6502	12.2143
NWL105	03 year 24 hour	0.00	20.58	0.0002	2.34	0.19	67960	24.5307	20.7310	12.0167	21.0318
NWL106	03 year 24 hour	0.00	21.29	0.0001	1.02	0.04	68607	24.7651	17.7104	11.8870	13.1081
NWL107	03 year 24 hour	0.00	21.16	0.0001	1.70	0.07	68607	25.0575	17.7104	12.0000	15.2183

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL108	03 year 24 hour	0.00	21.74	0.0003	2.99	0.65	68607	24.3661	2.9122	9.6192	15.0128
NWL109	03 year 24 hour	0.00	21.93	0.0001	1.58	0.08	101277	24.4703	2.9122	11.6004	12.1824
NWL11	03 year 24 hour	0.00	22.24	0.0001	2.99	2.78	156215	24.2005	17.7104	11.9833	2.3461
NWL110	03 year 24 hour	0.00	21.44	0.0002	7.40	0.14	233263	25.5935	17.7104	12.0332	16.1352
NWL111	03 year 24 hour	0.00	21.56	0.0003	10.30	0.48	233415	24.7927	17.7104	12.0500	15.4989
NWL112	03 year 24 hour	0.00	24.13	0.0005	11.19	0.50	137214	24.7392	18.6197	12.0003	0.0000
NWL12	03 year 24 hour	0.00	22.68	0.0003	2.34	2.39	142535	25.7915	20.2488	11.9833	5.7970
NWL13	03 year 24 hour	0.00	22.57	0.0001	1.90	0.08	123873	24.3194	2.9330	11.9833	15.1469
NWL14	03 year 24 hour	0.00	21.62	0.0001	5.76	0.15	342632	24.4138	2.9330	11.9833	15.1617
NWL15	03 year 24 hour	0.00	21.26	0.0002	5.96	2.91	235224	24.5094	18.6197	12.0000	2.3461
NWL16	03 year 24 hour	0.00	21.14	0.0001	8.09	0.17	428554	25.9699	2.9330	13.1028	16.6454
NWL17	03 year 24 hour	0.00	21.00	0.0001	15.48	24.72	1622311	24.9761	17.7104	11.9833	11.8339
NWL18	03 year 24 hour	0.00	21.31	0.0001	0.73	0.24	30492	22.7873	2.1549	12.0167	13.1002
NWL19	03 year 24 hour	0.00	21.43	0.0001	1.00	0.96	61532	24.1966	17.7104	12.0333	5.9091
NWL20	03 year 24 hour	0.00	21.81	0.0001	12.60	0.06	515097	25.0047	17.7104	11.4971	15.1469
NWL21	03 year 24 hour	0.00	21.25	0.0001	8.53	0.10	433000	24.6448	2.9330	11.6624	15.1951
NWL22	03 year 24 hour	0.00	21.22	0.0001	29.48	12.84	1024030	24.8250	17.7104	11.7862	2.3461
NWL23	03 year 24 hour	0.00	21.44	0.0002	7.86	0.12	219431	24.9619	17.7104	12.0167	13.1499
NWL24	03 year 24 hour	0.00	20.93	0.0001	2.53	1.91	87395	24.6498	17.7104	11.5666	5.9091
NWL25	03 year 24 hour	0.00	21.31	0.0003	18.34	10.09	730719	32.7739	17.7104	12.0333	5.9091
NWL26	03 year 24 hour	0.00	21.14	0.0001	14.32	8.23	660615	24.9492	17.7104	12.0000	2.3461
NWL27	03 year 24 hour	0.00	21.50	0.0001	4.18	3.45	207150	25.1050	17.7104	11.9000	5.9091
NWL28	03 year	0.00	22.09	0.0001	3.01	2.14	151485	25.6915	17.7104	12.0333	5.9091

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
NWL29	03 year 24 hour	0.00	22.10	0.0001	21.75	0.22	1138005	27.1832	17.7104	12.0000	4.1865
NWL30	03 year 24 hour	0.00	21.71	0.0001	18.62	16.34	1184342	26.1665	17.7104	12.0000	5.9091
NWL31	03 year 24 hour	0.00	22.53	-0.0030	5.87	17.10	303831	24.5880	0.4363	12.0000	0.4361
NWL32	03 year 24 hour	0.00	22.49	0.0001	1.29	0.37	70925	22.4129	2.1549	12.0000	12.3099
NWL33	03 year 24 hour	0.00	21.28	0.0001	25.48	0.14	994004	25.7749	17.7104	11.8628	15.3994
NWL34	03 year 24 hour	0.00	21.64	0.0002	12.52	0.41	213444	28.6915	17.7104	13.0000	14.7498
NWL35	03 year 24 hour	0.00	21.45	0.0001	8.73	0.10	303831	25.8832	17.7104	12.0167	15.2558
NWL36	03 year 24 hour	0.00	20.87	0.0000	4.31	0.02	536689	24.8687	18.6074	12.0000	16.0997
NWL37	03 year 24 hour	0.00	21.98	0.0006	7.14	3.20	137214	26.9082	2.1549	11.9833	11.9165
NWL38	03 year 24 hour	0.00	21.19	0.0002	0.75	0.51	38115	24.3981	2.9122	13.2495	14.1678
NWL39	03 year 24 hour	0.00	21.24	0.0001	7.32	0.15	381586	25.5775	17.7104	12.0000	4.0692
NWL41	03 year 24 hour	0.00	21.62	0.0001	11.41	0.30	497673	29.0673	17.7104	12.0167	4.7916
NWL42	03 year 24 hour	0.00	22.14	0.0001	1.91	0.11	143369	24.5163	2.1549	11.9833	12.1588
NWL43	03 year 24 hour	0.00	20.90	0.0002	3.38	0.41	144795	24.8754	17.7104	12.0000	17.7121
NWL44	03 year 24 hour	0.00	21.96	0.0001	29.04	0.07	1414611	29.8568	17.7104	12.0167	16.0803
NWL45	03 year 24 hour	0.00	21.03	0.0002	22.75	1.97	965843	28.8434	21.8576	12.0167	24.2674
NWL46	03 year 24 hour	0.00	22.56	0.0002	1.36	0.08	58806	24.5969	2.1549	12.0167	13.2158
NWL47	03 year 24 hour	0.00	21.60	0.0002	5.07	0.06	213781	24.7980	17.7104	12.2198	16.1591
NWL48	03 year 24 hour	0.00	21.32	0.0001	4.31	0.49	206122	24.1584	2.9122	12.0000	15.1951
NWL49	03 year 24 hour	0.00	21.59	0.0001	3.50	0.49	101277	24.1690	2.1549	12.0167	14.5428
NWL50	03 year 24 hour	0.00	21.83	0.0003	1.20	0.07	43507	24.4795	2.1549	12.1319	16.1352
NWL51	03 year 24 hour	0.00	21.83	0.0003	0.48	0.10	26136	25.5260	2.1549	12.0167	3.4437

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL52	03 year 24 hour	0.00	21.67	0.0002	5.89	0.10	151636	25.4104	2.9122	12.0666	13.7606
NWL53	03 year 24 hour	0.00	21.94	0.0001	4.25	1.05	319077	33.1471	2.9330	11.9833	11.6422
NWL54	03 year 24 hour	0.00	21.67	0.0002	8.42	0.11	329967	25.0522	2.9122	11.8433	12.4768
NWL55	03 year 24 hour	0.00	21.96	0.0002	1.14	0.07	80622	24.3795	2.1549	11.9833	11.8236
NWL56	03 year 24 hour	0.00	22.52	0.0001	1.96	0.23	80586	24.3461	2.1549	11.9500	12.5250
NWL57	03 year 24 hour	0.00	21.85	0.0003	0.99	0.10	42380	24.2005	2.1549	12.0000	12.3436
NWL58	03 year 24 hour	0.00	21.09	0.0001	11.70	0.06	556619	24.9492	2.9330	12.0000	15.2558
NWL59	03 year 24 hour	0.00	21.79	0.0002	4.21	0.12	162038	24.6653	2.9260	12.0019	15.3080
NWL60	03 year 24 hour	0.00	22.02	0.0001	49.02	0.24	2014269	25.0361	2.9330	11.8172	13.1028
NWL61	03 year 24 hour	0.00	20.98	0.0002	4.18	0.32	112297	24.6250	17.7104	12.0332	15.5413
NWL62	03 year 24 hour	0.00	22.13	0.0002	6.53	0.40	231461	27.1082	2.9122	11.6738	12.1630
NWL63	03 year 24 hour	0.00	21.86	0.0002	2.61	0.07	117612	24.7167	2.9122	11.6124	12.3202
NWL64	03 year 24 hour	0.00	22.03	0.0003	1.74	0.28	68636	24.4285	17.7104	15.6588	19.3654
NWL65	03 year 24 hour	0.00	22.64	0.0001	4.58	2.68	342780	24.7630	2.9330	11.9833	12.0965
NWL66	03 year 24 hour	0.00	22.03	0.0002	0.41	0.24	27586	26.8832	2.1549	11.9833	15.0581
NWL67	03 year 24 hour	0.00	21.68	0.0002	1.08	0.16	54014	24.0529	2.9122	11.9833	12.2619
NWL68	03 year 24 hour	0.00	22.91	0.0001	1.21	0.42	90661	24.8280	2.9330	11.9833	5.2977
NWL69	03 year 24 hour	0.00	22.70	0.0001	0.49	0.13	37026	24.6548	2.1549	11.9833	11.2812
NWL70	03 year 24 hour	0.00	22.93	0.0001	0.43	0.19	27466	24.2261	2.1549	11.9833	11.4202
NWL71	03 year 24 hour	0.00	22.31	0.0002	2.82	0.16	124944	24.4499	2.9122	12.0000	15.1951
NWL72	03 year 24 hour	0.00	22.30	0.0002	6.86	0.81	70785	24.2483	2.1549	13.2021	13.1737
NWL73	03 year 24 hour	0.00	21.62	0.0001	1.43	0.86	101261	25.7082	20.2488	11.9833	11.5382
NWL74	03 year	0.00	20.86	0.0002	0.85	0.28	34505	21.4928	2.1549	11.9833	12.1785

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
NWL75	03 year 24 hour	0.00	22.59	0.0001	0.58	0.25	41137	24.5024	17.7104	11.9833	11.3339
NWL76	03 year 24 hour	0.00	21.60	0.0002	45.45	0.07	1848182	26.8165	17.7104	12.0001	16.1482
NWL77	03 year 24 hour	0.00	21.50	0.0001	11.70	0.10	701433	25.6499	2.9330	11.9833	15.1617
NWL78	03 year 24 hour	0.00	22.85	0.0003	2.35	0.25	33759	24.1729	2.1549	11.6035	11.6141
NWL79	03 year 24 hour	0.00	22.87	0.0002	1.30	0.10	44649	24.2886	2.1549	11.6838	12.2391
NWL80	03 year 24 hour	0.00	22.41	0.0000	1.94	0.94	675873	24.6653	19.0480	12.0000	19.0528
NWL81	03 year 24 hour	0.00	22.66	0.0002	6.49	0.06	269155	25.5935	2.9330	12.0000	13.2108
NWL82	03 year 24 hour	0.00	23.03	0.0001	3.78	0.14	155727	24.5128	2.1549	11.9000	12.2648
NWL83	03 year 24 hour	0.00	23.12	0.0002	5.34	0.19	206910	24.4417	2.9122	11.7497	12.2234
NWL84	03 year 24 hour	0.00	22.90	0.0002	12.71	0.11	484170	28.4677	2.9330	12.0333	15.2039
NWL85	03 year 24 hour	0.00	21.69	0.0002	2.69	0.16	58255	24.7410	2.9122	11.4075	11.4302
NWL86	03 year 24 hour	0.00	21.77	0.0002	1.49	0.38	35937	22.2933	2.1549	12.0167	12.4479
NWL87	03 year 24 hour	0.00	21.99	0.0002	0.38	0.12	18172	24.1768	2.1549	12.0000	12.2662
NWL88	03 year 24 hour	0.00	22.01	0.0002	3.23	0.63	105766	22.4129	2.9122	12.0000	12.4559
NWL89	03 year 24 hour	0.00	22.18	0.0002	10.39	0.20	307442	24.5660	17.7104	12.0000	15.2558
NWL90	03 year 24 hour	0.00	22.43	0.0001	3.56	0.13	210181	24.3915	2.9122	12.0000	15.1461
NWL91	03 year 24 hour	0.00	22.34	0.0002	3.13	0.12	117612	24.4888	2.1549	12.0001	12.5863
NWL92	03 year 24 hour	0.00	21.17	0.0002	4.14	0.10	156417	24.6299	2.9122	12.0003	15.1951
NWL93	03 year 24 hour	0.00	22.59	0.0002	1.30	0.16	56357	24.1654	2.1549	11.8869	12.2778
NWL94	03 year 24 hour	0.00	21.80	0.0002	6.70	0.07	246391	24.7429	17.7104	12.0000	15.2558
NWL95	03 year 24 hour	0.00	20.96	0.0001	8.13	0.06	286407	25.5331	2.9191	12.0167	12.1859
NWL96	03 year 24 hour	0.00	21.14	0.0001	1.09	0.07	58561	24.2628	2.9122	12.0007	15.1469

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL97	03 year 24 hour	0.00	21.42	0.0002	2.93	0.11	60797	24.6765	2.9122	12.0180	13.2872
NWL98	03 year 24 hour	0.00	20.64	0.0002	3.04	0.17	56628	25.7582	2.1549	10.5387	12.3402
NWL99	03 year 24 hour	0.00	20.53	0.0002	2.99	0.07	146411	24.6057	2.9122	12.0000	15.1951
OUTFALL	03 year 24 hour	0.00	12.38	0.0000	303.17	0.00	0	0.0000	0.0000	22.0459	0.0000
ND01	05-year 24 hour	0.00	23.01	0.0001	1.12	0.76	22535	13.4308	3.6981	12.0167	13.4310
ND02	05-year 24 hour	0.00	23.36	0.0003	10.33	10.33	435147	29.9022	16.8422	13.1500	13.1717
ND03	05-year 24 hour	0.00	23.65	0.0002	9.79	0.73	689175	27.0938	18.7671	12.3000	12.3682
ND06	05-year 24 hour	0.00	23.44	0.0002	12.55	4.09	894704	29.6938	18.7671	13.4000	13.3683
ND07	05-year 24 hour	0.00	23.29	0.0002	2.96	2.95	140899	25.2772	4.0345	12.1833	12.2427
ND08	05-year 24 hour	0.00	23.23	0.0005	9.12	5.07	392224	25.3188	3.8069	12.1499	12.1858
ND09	05-year 24 hour	0.00	22.83	0.0002	0.86	0.48	29453	24.3522	18.7671	12.0333	10.1924
ND10	05-year 24 hour	0.00	23.34	0.0002	13.47	5.09	953983	32.4256	20.3908	15.3683	13.3059
ND100	05-year 24 hour	0.00	21.25	0.0004	3.01	0.28	220978	24.6772	0.5955	12.0167	12.1560
ND101	05-year 24 hour	0.00	20.63	0.0002	4.49	0.00	235079	28.1355	18.7671	12.2667	0.0000
ND102	05-year 24 hour	0.00	21.15	0.0002	1.44	0.47	95794	24.8022	3.9002	12.0500	12.1552
ND103	05-year 24 hour	0.00	20.17	0.0006	4.50	2.72	158117	23.0022	3.9002	12.0500	10.3282
ND104	05-year 24 hour	0.00	20.97	0.0007	4.33	2.01	116023	24.0772	3.8069	12.0167	9.2668
ND105	05-year 24 hour	0.00	20.77	0.0010	1.99	2.21	27730	24.5188	16.8343	12.0167	17.1353
ND106	05-year 24 hour	0.00	21.36	0.0009	2.72	0.52	208885	24.7355	1.4067	12.0166	11.6125
ND107	05-year 24 hour	0.00	21.27	0.0002	2.80	0.69	151859	25.0438	0.9971	12.0833	12.1846
ND108	05-year 24 hour	0.00	21.87	0.0002	3.92	1.40	223239	24.4022	18.7671	12.0210	8.8306
ND109	05-year 24 hour	0.00	22.01	0.0009	4.96	0.94	397707	24.4938	3.7055	12.0000	6.5764
ND11	05-year	0.00	23.11	0.0004	5.59	2.31	280834	20.2861	4.0345	12.1833	20.2912

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND110	05-year 24 hour	0.00	21.60	0.0002	5.48	5.48	152624	25.5772	15.5710	12.1835	12.1869
ND111	05-year 24 hour	0.00	21.74	0.0009	10.34	10.34	215184	24.8105	3.9002	12.0998	12.1112
ND112	05-year 24 hour	0.00	24.68	0.0007	18.07	12.62	65340	24.7105	18.7671	12.0167	12.0003
ND115	05-year 24 hour	0.00	22.51	-0.1380	621.76	2402.97	1285894 6	22.5855	0.0001	0.0002	0.0000
ND116	05-year 24 hour	0.00	22.51	0.1308	2402.97	721.13	6071864	22.6105	0.0001	0.0000	0.0002
ND12	05-year 24 hour	0.00	23.31	0.0002	3.43	2.13	174405	16.7302	4.1864	12.2667	16.7330
ND13	05-year 24 hour	0.00	23.06	0.0002	5.83	0.00	418210	29.8188	21.6204	12.4666	0.0000
ND14	05-year 24 hour	0.00	22.86	0.0002	10.44	0.00	481160	25.9522	18.7671	12.0501	0.0000
ND15	05-year 24 hour	0.00	21.46	0.0007	3.53	3.53	75509	12.0353	3.8069	12.0166	12.0353
ND16	05-year 24 hour	0.00	21.24	0.0002	5.78	5.74	318237	25.8855	3.8460	12.2501	12.3579
ND17	05-year 24 hour	0.00	21.07	0.0009	15.79	3.47	457996	24.7855	3.7697	12.2929	12.4678
ND18	05-year 24 hour	0.00	21.40	0.0001	0.92	0.39	48678	22.8938	2.2861	12.1000	12.2031
ND19	05-year 24 hour	0.00	21.53	0.0001	2.08	0.30	94442	24.2105	18.7671	10.7601	15.1399
ND20	05-year 24 hour	0.00	21.92	0.0009	8.11	5.68	385030	24.8772	3.7599	12.0167	10.7057
ND21	05-year 24 hour	0.00	21.36	0.0008	3.69	2.83	100857	24.5938	3.8069	12.0000	12.0003
ND22	05-year 24 hour	20.40	21.35	0.0009	39.46	17.30	1454958	24.7438	3.6108	12.0000	11.5851
ND23	05-year 24 hour	0.00	21.58	0.0007	6.11	6.08	200382	24.9272	3.8069	12.0500	11.9875
ND24	05-year 24 hour	0.00	21.06	0.0002	2.86	1.42	122291	24.6688	18.7671	12.0334	9.7693
ND25	05-year 24 hour	0.00	21.47	0.0003	14.02	14.02	528123	32.5620	18.7671	13.7501	13.7850
ND26	05-year 24 hour	0.00	21.26	0.0008	6.85	6.84	134105	24.8605	3.8069	12.0500	12.0509
ND27	05-year 24 hour	0.00	21.60	0.0002	4.39	1.84	299314	25.1105	3.9002	12.1667	9.0773
ND28	05-year 24 hour	0.00	22.21	0.0005	7.29	1.45	369221	25.6855	3.9799	12.1334	12.2746

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND29	05-year 24 hour	0.00	22.21	0.0002	19.31	8.35	1090245	26.8688	18.7671	12.2333	12.3036
ND30	05-year 24 hour	0.00	21.81	0.0003	18.24	4.83	567270	26.1022	3.9527	10.3189	12.4197
ND31	05-year 24 hour	0.00	22.64	0.0010	3.41	9.72	123587	24.5855	0.1087	12.0334	0.4402
ND32	05-year 24 hour	0.00	22.56	0.0001	0.92	0.41	57808	22.4605	4.0345	12.0500	12.1757
ND33	05-year 24 hour	0.00	21.43	0.0010	13.92	11.50	283077	25.6022	3.9002	12.1167	12.1346
ND34	05-year 24 hour	0.00	21.78	0.0003	13.24	13.24	726005	28.7938	15.5710	12.9332	12.9408
ND35	05-year 24 hour	0.00	21.58	0.0004	6.00	4.74	211145	25.8105	4.0345	12.1667	11.3152
ND36	05-year 24 hour	0.00	20.92	0.0003	2.57	2.24	74129	24.6272	2.1185	12.0166	12.0040
ND37	05-year 24 hour	0.00	22.12	0.0008	9.97	0.36	544652	26.9855	3.3205	12.0336	24.7605
ND38	05-year 24 hour	0.00	21.28	0.0010	0.83	0.54	4337	24.4105	12.5771	13.0906	12.3646
ND39	05-year 24 hour	0.00	21.33	0.0002	10.37	2.47	705330	25.4105	1.1664	12.0666	12.1714
ND41	05-year 24 hour	0.00	21.75	0.0002	18.24	6.22	1041784	28.8688	3.8460	12.4834	12.4500
ND42	05-year 24 hour	0.00	22.22	0.0002	1.62	0.01	125295	24.6355	2.2861	12.0000	25.2855
ND43	05-year 24 hour	0.00	21.04	0.0002	1.22	1.47	31031	24.8855	18.7671	12.2667	15.2333
ND44	05-year 24 hour	0.00	22.07	0.0002	14.49	14.49	729880	29.4605	4.0342	12.7166	12.7266
ND45	05-year 24 hour	0.00	21.20	0.0010	15.94	18.99	148979	28.6438	18.6536	19.2780	19.2734
ND46	05-year 24 hour	0.00	22.64	0.0001	0.75	0.74	63525	24.6188	18.7671	12.1500	12.1023
ND47	05-year 24 hour	0.00	21.71	0.0003	3.82	3.81	171911	24.7438	3.7055	12.0167	12.0515
ND48	05-year 24 hour	0.00	21.78	0.0002	1.96	1.96	19681	12.0681	3.8209	12.0501	12.0681
ND49	05-year 24 hour	0.00	21.70	0.0003	2.70	2.70	103676	24.1855	3.8069	12.0500	12.0525
ND50	05-year 24 hour	0.00	22.02	0.0000	0.92	0.91	47756	24.3605	22.5355	12.0333	12.0677
ND51	05-year 24 hour	0.00	21.91	0.0010	1.79	0.19	146098	25.5688	2.9115	12.1999	12.3342
ND52	05-year	0.00	21.76	0.0001	5.10	5.07	352229	25.3605	18.7671	12.0834	12.1602

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND53	05-year 24 hour	0.00	22.01	0.0001	6.79	0.83	865654	33.0707	21.6204	15.4673	22.5772
ND54	05-year 24 hour	0.00	21.77	0.0003	5.20	3.85	309238	24.9855	3.7568	12.0501	11.0667
ND55	05-year 24 hour	0.00	22.04	0.0002	0.56	0.03	43803	24.3855	2.2861	12.0166	24.2772
ND56	05-year 24 hour	0.00	22.62	0.0002	2.04	0.94	107007	24.3605	3.8069	12.0666	12.1366
ND57	05-year 24 hour	0.00	22.01	0.0001	0.54	0.54	1802	12.0346	4.2500	12.0333	12.0346
ND58	05-year 24 hour	0.00	21.22	0.0008	5.28	5.28	63962	24.8105	3.8069	12.0333	12.0339
ND59	05-year 24 hour	0.00	22.51	0.0000	2.35	2.35	69622	12.0785	24.3022	12.0500	12.0785
ND60	05-year 24 hour	0.00	22.14	0.0010	35.43	21.06	1540575	24.8772	3.6544	12.0167	11.5357
ND61	05-year 24 hour	0.00	21.76	0.0000	3.01	3.01	120889	12.2245	24.5105	12.1833	12.2247
ND62	05-year 24 hour	0.00	22.21	0.0001	5.58	3.42	566736	27.2105	18.7671	12.8166	10.8806
ND63	05-year 24 hour	0.00	21.94	0.0001	1.47	1.04	107942	24.7188	18.7671	12.0501	10.8260
ND64	05-year 24 hour	0.00	22.12	0.0002	2.35	1.74	162110	24.4938	4.0345	12.1334	14.0830
ND65	05-year 24 hour	0.00	22.72	0.0001	3.90	0.02	95771	24.7438	18.7671	11.3215	24.4688
ND66	05-year 24 hour	0.00	22.10	0.0001	1.71	0.14	167706	26.7272	17.6624	13.0353	22.4938
ND67	05-year 24 hour	0.00	22.63	0.0001	2.90	0.00	236010	29.0188	21.6204	12.3667	0.0000
ND68	05-year 24 hour	0.00	22.99	0.0001	2.03	0.08	170168	24.8105	18.7671	12.0334	12.3627
ND69	05-year 24 hour	0.00	22.77	0.0001	1.43	0.06	118288	24.6605	2.2861	12.0304	22.2601
ND70	05-year 24 hour	0.00	23.00	0.0002	0.68	0.09	57717	24.2605	2.2861	12.0230	22.3438
ND71	05-year 24 hour	0.00	22.44	0.0001	1.35	1.35	41509	24.4105	3.9799	12.1000	12.1177
ND72	05-year 24 hour	0.00	22.41	0.0026	1.74	11.01	82835	24.2688	12.0294	12.0334	12.0413
ND73	05-year 24 hour	0.00	21.69	0.0001	4.28	0.07	625086	25.5688	18.7671	12.0279	24.4355
ND74	05-year 24 hour	0.00	22.03	0.0001	0.34	0.00	26384	27.5522	18.7671	12.2001	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND75	05-year 24 hour	0.00	22.66	0.0001	1.84	0.10	145926	24.5022	18.7671	12.0167	22.2461
ND76	05-year 24 hour	0.00	21.75	0.0009	19.71	19.70	345645	26.4022	3.9002	12.1999	12.2036
ND77	05-year 24 hour	0.00	22.71	0.0008	9.01	4.33	372993	19.0238	3.8209	12.0833	19.0238
ND78	05-year 24 hour	0.00	22.98	0.0005	2.47	1.80	97162	24.1772	3.7055	12.0000	10.8196
ND79	05-year 24 hour	0.00	23.00	0.0003	2.30	0.78	92541	24.2855	3.6933	12.0000	11.5007
ND80	05-year 24 hour	0.00	22.43	0.0010	1.36	2.12	5519	24.0605	15.0376	15.0376	15.0343
ND81	05-year 24 hour	0.00	22.79	0.0004	5.12	3.04	176519	25.5105	3.9002	12.1000	12.1521
ND82	05-year 24 hour	0.00	23.15	0.0004	7.10	1.96	311031	24.5022	0.8003	12.0000	11.7175
ND83	05-year 24 hour	0.00	23.24	0.0009	5.43	2.87	215621	24.4272	3.7055	12.0000	11.5683
ND84	05-year 24 hour	0.00	22.99	0.0002	8.64	8.64	729232	28.3688	4.0779	12.5500	12.5839
ND85	05-year 24 hour	0.00	21.80	0.0003	2.66	1.75	158184	24.7772	4.0345	12.0834	10.6060
ND86	05-year 24 hour	0.00	22.01	0.0002	1.26	1.26	13396	12.0514	4.1381	12.0334	12.0514
ND87	05-year 24 hour	0.00	22.07	0.0001	0.80	0.18	54601	24.2022	18.7671	12.0334	7.3063
ND88	05-year 24 hour	0.00	22.14	0.0003	1.79	1.79	26210	22.4688	3.9799	12.0333	12.0382
ND89	05-year 24 hour	0.00	22.33	0.0002	6.72	6.72	182255	24.5522	18.7671	12.0000	12.0036
ND90	05-year 24 hour	0.00	22.53	0.0002	0.90	0.36	44639	24.3855	0.8713	12.0166	12.0027
ND91	05-year 24 hour	0.00	22.46	0.0002	1.95	1.88	75348	24.4855	18.7671	12.0167	11.7223
ND92	05-year 24 hour	0.00	21.34	0.0003	2.40	2.40	18723	24.5772	3.9799	12.0333	12.0406
ND93	05-year 24 hour	0.00	22.68	0.0001	0.70	0.54	31843	24.1772	18.7671	12.0334	11.5837
ND94	05-year 24 hour	0.00	22.01	0.0007	3.52	3.52	21812	12.0206	3.8069	12.0167	12.0206
ND95	05-year 24 hour	0.00	21.07	0.0006	5.44	4.53	288378	25.4105	3.9799	12.0833	11.3562
ND96	05-year 24 hour	0.00	21.23	0.0002	0.89	0.89	17420	24.2438	3.8069	12.0000	12.0028
ND97	05-year	0.00	21.56	0.0003	2.66	2.66	100027	24.7022	3.9002	12.0500	12.0503

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
ND98	05-year 24 hour	0.00	20.75	0.0003	5.21	2.50	324584	25.8355	4.0840	12.2333	9.7064
ND99	05-year 24 hour	0.00	20.65	0.0002	1.17	1.17	44378	24.5188	4.1381	12.0333	12.0608
NWL01	05-year 24 hour	0.00	22.60	0.0003	1.26	0.12	50723	24.3355	2.2861	13.4187	16.1462
NWL02	05-year 24 hour	0.00	23.36	0.0004	15.42	0.18	420354	30.0272	16.5934	12.0334	16.7005
NWL03	05-year 24 hour	0.00	23.65	0.0002	1.42	0.33	54450	27.1355	2.2861	12.0334	5.8519
NWL06	05-year 24 hour	0.00	23.44	0.0002	11.05	3.45	564102	29.7772	2.2861	12.0167	7.1426
NWL07	05-year 24 hour	0.00	23.29	0.0004	3.74	0.18	55539	25.3022	15.0190	12.0543	15.0777
NWL08	05-year 24 hour	0.00	23.23	0.0002	11.22	0.30	404019	25.3855	18.7671	12.0000	13.2263
NWL09	05-year 24 hour	0.00	22.83	0.0003	0.90	0.07	28314	24.3605	2.2861	11.9723	12.4954
NWL10	05-year 24 hour	0.00	23.34	0.0002	11.02	0.35	465481	32.5016	20.3908	12.0000	16.1521
NWL100	05-year 24 hour	0.00	21.25	0.0002	1.72	0.16	94179	24.6855	2.2861	12.0000	3.6338
NWL101	05-year 24 hour	0.00	19.64	0.0005	0.74	0.08	32670	24.1188	2.2861	11.9834	12.2845
NWL102	05-year 24 hour	0.00	21.15	0.0001	1.89	0.05	92565	24.8355	2.2861	11.9833	15.2036
NWL103	05-year 24 hour	0.00	20.17	0.0002	3.31	1.12	51183	23.0188	2.2861	10.3282	12.2194
NWL104	05-year 24 hour	0.00	20.97	0.0002	2.44	0.91	33759	24.0772	2.2861	11.6170	12.2365
NWL105	05-year 24 hour	0.00	20.77	0.0003	2.85	0.56	68607	24.5438	17.1353	12.0065	17.1400
NWL106	05-year 24 hour	0.00	21.36	0.0001	1.14	0.04	68607	24.7688	18.7671	11.8374	12.4591
NWL107	05-year 24 hour	0.00	21.27	0.0002	1.91	0.08	68607	25.0855	18.7671	11.9834	13.2666
NWL108	05-year 24 hour	0.00	21.87	0.0004	3.43	0.96	68607	24.3938	2.2861	8.8306	12.0180
NWL109	05-year 24 hour	0.00	22.01	0.0002	1.76	0.09	101603	24.4772	2.2861	11.6000	12.1905
NWL11	05-year 24 hour	0.00	22.50	0.0004	3.51	3.63	174564	25.3855	20.3908	11.9834	2.8088
NWL110	05-year 24 hour	0.00	21.60	0.0002	9.02	0.17	234109	25.6605	15.5710	12.0332	15.1208

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL111	05-year 24 hour	0.00	21.74	0.0004	12.70	0.58	234135	24.8438	15.5710	12.0500	15.3924
NWL112	05-year 24 hour	0.00	24.68	0.0007	12.92	0.50	137214	24.7355	18.7671	12.0003	0.0000
NWL12	05-year 24 hour	0.00	22.92	0.0004	3.24	2.84	155969	25.7188	18.7671	16.7135	2.8088
NWL13	05-year 24 hour	0.00	22.66	0.0002	2.22	0.09	126478	24.3188	2.2861	11.9834	15.1380
NWL14	05-year 24 hour	0.00	21.71	0.0002	6.75	0.18	345386	24.4188	2.2861	11.9834	15.2036
NWL15	05-year 24 hour	0.00	21.43	0.0002	7.19	3.80	235224	24.5105	18.7671	12.0000	2.8088
NWL16	05-year 24 hour	0.00	21.24	0.0001	11.35	0.20	434279	26.0188	18.7671	12.1921	14.8119
NWL17	05-year 24 hour	0.00	21.07	0.0001	18.14	26.09	1723214	25.0438	18.7671	11.9834	11.6865
NWL18	05-year 24 hour	0.00	21.40	0.0001	0.84	0.28	30492	22.9105	2.2861	12.0166	12.6982
NWL19	05-year 24 hour	0.00	21.53	0.0001	1.31	1.15	66491	24.2188	18.7671	12.0167	2.8088
NWL20	05-year 24 hour	0.00	21.92	0.0002	13.48	0.07	515097	25.0188	18.7671	11.7667	12.4954
NWL21	05-year 24 hour	0.00	21.36	0.0002	9.58	0.12	433422	24.6522	18.7671	12.0000	15.2036
NWL22	05-year 24 hour	0.00	21.35	0.0002	33.30	16.76	1024749	24.8272	18.7671	11.7333	2.8088
NWL23	05-year 24 hour	0.00	21.58	0.0002	9.56	0.14	222377	24.9855	18.7671	11.9875	12.4749
NWL24	05-year 24 hour	0.00	21.06	0.0002	2.70	1.90	90077	24.6855	18.7671	11.6667	5.5238
NWL25	05-year 24 hour	0.00	21.47	0.0003	22.49	11.80	730719	32.8606	16.3835	12.0334	2.8088
NWL26	05-year 24 hour	0.00	21.26	0.0002	17.19	10.74	664290	24.9688	18.7671	12.0000	2.8088
NWL27	05-year 24 hour	0.00	21.60	0.0001	4.60	4.04	215726	25.1772	18.7671	11.9333	2.8088
NWL28	05-year 24 hour	0.00	22.21	0.0002	3.62	2.51	154110	25.7438	18.7671	12.0333	2.8088
NWL29	05-year 24 hour	0.00	22.21	0.0002	25.08	0.26	1138005	27.1938	18.7671	12.0000	3.7583
NWL30	05-year 24 hour	0.00	21.81	0.0001	22.05	19.12	1188099	26.2522	18.7671	12.0000	2.8088
NWL31	05-year 24 hour	0.00	22.64	-0.0127	10.11	53.07	303831	24.6188	0.4801	0.4402	0.4729
NWL32	05-year	0.00	22.56	0.0002	1.49	0.42	70963	22.4688	2.2861	12.0000	12.3094

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
NWL33	05-year 24 hour	0.00	21.43	0.0002	28.72	0.16	1008182	25.7855	18.7671	12.0000	15.2822
NWL34	05-year 24 hour	0.00	21.78	0.0003	15.58	0.46	213444	28.8355	15.5710	12.8618	13.4973
NWL35	05-year 24 hour	0.00	21.58	0.0002	9.19	0.12	303831	25.9105	18.7671	11.3154	15.2129
NWL36	05-year 24 hour	0.00	20.92	0.0001	5.14	0.03	536877	24.8688	18.7671	12.0000	16.0726
NWL37	05-year 24 hour	0.00	22.12	0.0007	8.37	3.99	137214	27.0105	2.2861	11.9834	11.9204
NWL38	05-year 24 hour	0.00	21.28	0.0002	1.10	0.76	38533	24.4105	2.2781	12.0629	13.0906
NWL39	05-year 24 hour	0.00	21.33	0.0001	8.26	0.17	381586	25.5855	18.7671	11.9334	3.6417
NWL41	05-year 24 hour	0.00	21.75	0.0002	12.95	0.38	497673	29.0938	18.7671	12.0167	4.2827
NWL42	05-year 24 hour	0.00	22.22	0.0002	2.24	0.14	145926	24.5188	2.2861	11.9834	12.1534
NWL43	05-year 24 hour	0.00	21.04	0.0002	4.04	0.12	149722	24.9105	2.2861	12.0000	15.1380
NWL44	05-year 24 hour	0.00	22.07	0.0002	35.05	0.08	1414611	29.9188	18.7671	12.0167	15.3924
NWL45	05-year 24 hour	0.00	21.20	0.0003	27.49	8.54	1001160	28.8938	18.7671	12.0167	19.2780
NWL46	05-year 24 hour	0.00	22.64	0.0003	1.64	0.09	58806	24.6355	2.2861	12.0166	12.1526
NWL47	05-year 24 hour	0.00	21.71	0.0002	7.16	0.08	214968	24.8105	15.2063	12.0057	15.3582
NWL48	05-year 24 hour	0.00	21.43	0.0002	5.17	0.59	206766	24.1605	2.2861	12.0000	15.2036
NWL49	05-year 24 hour	0.00	21.70	0.0002	4.26	0.58	101277	24.1938	2.2861	12.0166	12.8618
NWL50	05-year 24 hour	0.00	22.01	0.0003	1.58	0.08	43560	24.3855	2.2861	12.0166	16.1462
NWL51	05-year 24 hour	0.00	21.91	0.0003	0.54	0.12	26136	25.5938	2.2861	12.0166	3.1072
NWL52	05-year 24 hour	0.00	21.76	0.0002	7.37	0.12	152134	25.4438	2.2861	12.0334	12.5180
NWL53	05-year 24 hour	0.00	22.01	0.0001	4.98	1.30	319077	33.1995	21.6204	11.9834	11.6811
NWL54	05-year 24 hour	0.00	21.77	0.0002	8.77	0.13	329967	25.0855	2.2861	11.5998	12.3652
NWL55	05-year 24 hour	0.00	22.04	0.0002	1.34	0.09	82358	24.3938	2.2861	11.9834	11.8632

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL56	05-year 24 hour	0.00	22.61	0.0002	2.19	0.27	80831	24.3688	2.2861	11.9001	12.5226
NWL57	05-year 24 hour	0.00	21.99	0.0004	1.20	0.11	42471	24.2105	2.2861	12.0000	12.3346
NWL58	05-year 24 hour	0.00	21.22	0.0002	14.03	0.07	558731	24.9605	18.7671	12.0000	15.2308
NWL59	05-year 24 hour	0.00	21.96	0.0002	5.08	0.15	170624	24.6688	18.7671	12.0001	15.2262
NWL60	05-year 24 hour	0.00	22.14	0.0002	55.10	0.27	2052701	25.0522	18.7671	11.7833	12.4159
NWL61	05-year 24 hour	0.00	21.22	0.0003	5.09	0.38	120551	24.6272	18.7671	12.0332	15.3924
NWL62	05-year 24 hour	0.00	22.21	0.0002	6.34	0.41	232775	27.2605	2.2861	10.8806	12.1740
NWL63	05-year 24 hour	0.00	21.94	0.0002	2.55	0.07	117612	24.7438	2.2861	11.6833	12.3346
NWL64	05-year 24 hour	0.00	22.12	0.0003	2.41	0.35	70070	24.5022	15.5710	14.0793	16.4015
NWL65	05-year 24 hour	0.00	22.72	0.0002	5.37	2.92	344095	24.7688	2.2861	11.9834	11.3215
NWL66	05-year 24 hour	0.00	22.10	0.0002	0.48	0.33	29561	26.7605	2.2861	11.9834	12.9644
NWL67	05-year 24 hour	0.00	21.78	0.0002	1.27	0.18	56666	24.0605	2.2861	11.9834	12.2558
NWL68	05-year 24 hour	0.00	22.99	0.0001	1.42	0.43	91072	24.8355	2.2861	11.9834	4.7289
NWL69	05-year 24 hour	0.00	22.77	0.0001	0.57	0.13	37026	24.6688	2.2861	11.9834	11.2727
NWL70	05-year 24 hour	0.00	23.00	0.0002	0.50	0.21	29321	24.2522	2.2861	11.9834	11.4084
NWL71	05-year 24 hour	0.00	22.44	0.0002	3.39	0.19	130676	24.4438	2.2861	12.0001	15.2036
NWL72	05-year 24 hour	0.00	22.40	0.0002	12.11	0.27	70785	24.2688	2.2861	12.0413	12.3467
NWL73	05-year 24 hour	0.00	21.69	0.0001	1.68	0.95	103377	25.6605	18.7671	11.9834	11.4527
NWL74	05-year 24 hour	0.00	20.95	0.0003	0.99	0.32	36016	21.5712	2.2861	11.9834	12.1740
NWL75	05-year 24 hour	0.00	22.66	0.0001	0.68	0.26	42711	24.5105	18.7671	11.9834	11.3012
NWL76	05-year 24 hour	0.00	21.75	0.0002	54.53	0.08	1853006	26.8438	18.7671	12.0001	16.1462
NWL77	05-year 24 hour	0.00	21.68	0.0003	13.71	0.13	728011	25.5688	18.7671	11.9834	21.1250
NWL78	05-year	0.00	22.98	0.0003	2.22	0.25	33759	24.1855	2.2861	10.8196	10.8302

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
NWL79	05-year 24 hour	0.00	22.99	0.0002	1.47	0.12	44838	24.2938	2.2861	11.6340	12.2194
NWL80	05-year 24 hour	0.00	22.43	0.0000	2.74	0.77	689391	24.6605	20.4230	15.0343	17.9509
NWL81	05-year 24 hour	0.00	22.79	0.0002	7.44	0.07	277605	25.6188	2.2861	12.0000	13.1493
NWL82	05-year 24 hour	0.00	23.15	0.0002	4.39	0.17	155727	24.5188	2.2861	11.8703	12.2434
NWL83	05-year 24 hour	0.00	23.24	0.0002	6.07	0.21	206910	24.4522	2.2861	11.7333	12.2145
NWL84	05-year 24 hour	0.00	22.99	0.0002	15.50	0.13	485568	28.5605	2.2861	12.0333	13.7071
NWL85	05-year 24 hour	0.00	21.80	0.0003	2.62	0.16	61169	24.7938	2.2861	10.6060	12.2145
NWL86	05-year 24 hour	0.00	21.97	0.0002	1.82	0.45	35937	22.2899	18.7671	12.0167	12.3875
NWL87	05-year 24 hour	0.00	22.07	0.0003	0.44	0.13	18513	24.2022	2.2861	12.0000	12.2845
NWL88	05-year 24 hour	0.00	22.14	0.0002	3.89	0.75	110726	22.4855	2.2861	12.0001	12.4159
NWL89	05-year 24 hour	0.00	22.33	0.0002	12.57	0.24	316732	24.5855	15.0190	12.0000	15.1380
NWL90	05-year 24 hour	0.00	22.53	0.0002	4.16	0.15	218464	24.4022	2.2861	12.0000	12.3648
NWL91	05-year 24 hour	0.00	22.46	0.0003	3.70	0.13	117612	24.5105	2.2861	11.7223	12.3185
NWL92	05-year 24 hour	0.00	21.34	0.0002	4.99	0.12	163627	24.6355	2.2861	12.0001	15.2036
NWL93	05-year 24 hour	0.00	22.68	0.0003	1.41	0.18	56628	24.1772	2.2861	11.7833	12.2558
NWL94	05-year 24 hour	0.00	21.98	0.0003	8.06	0.08	259922	24.7438	18.7671	12.0000	15.2262
NWL95	05-year 24 hour	0.00	21.07	0.0002	8.77	0.06	286407	25.5522	2.2861	11.3563	12.4159
NWL96	05-year 24 hour	0.00	21.23	0.0001	1.32	0.08	59618	24.2772	18.7671	12.0004	13.1230
NWL97	05-year 24 hour	0.00	21.56	0.0003	3.59	0.12	60984	24.7188	2.2861	12.0169	12.4425
NWL98	05-year 24 hour	0.00	20.75	0.0003	3.03	0.18	56628	25.8605	2.2861	9.7064	12.4749
NWL99	05-year 24 hour	0.00	20.65	0.0002	3.57	0.08	151593	24.5772	2.2861	12.0000	15.2036
OUTFAL L	05-year 24 hour	0.00	12.38	0.0000	331.08	0.00	0	0.0000	0.0000	22.6188	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND01	10 year 24 hours	0.00	23.01	0.0001	1.42	1.40	22559	12.0940	3.2571	12.0166	12.0940
ND02	10 year 24 hours	0.00	23.54	0.0004	13.27	13.27	619028	30.0458	15.5785	13.0332	13.0523
ND03	10 year 24 hours	0.00	23.78	0.0002	12.53	0.77	779993	27.1458	17.2789	12.2834	12.3563
ND06	10 year 24 hours	0.00	23.58	0.0002	16.12	4.70	1036892	29.7874	17.2789	13.2321	13.3543
ND07	10 year 24 hours	0.00	23.45	0.0002	3.78	3.77	167340	25.3708	17.2789	12.1833	12.2301
ND08	10 year 24 hours	0.00	23.38	0.0003	11.64	5.51	475367	25.3708	3.3599	12.1334	9.2980
ND09	10 year 24 hours	0.00	22.99	0.0002	1.09	0.53	35412	24.3708	17.2789	12.0167	9.2086
ND10	10 year 24 hours	0.00	23.49	0.0003	17.23	5.40	1127693	32.5624	17.2789	14.0169	13.3251
ND100	10 year 24 hours	0.00	21.36	0.0006	3.83	0.30	237207	24.6874	0.5329	12.0166	12.1654
ND101	10 year 24 hours	0.00	20.81	0.0003	5.74	0.00	266370	28.1374	17.2789	12.2500	0.0000
ND102	10 year 24 hours	0.00	21.26	0.0002	1.83	0.47	109591	24.8208	3.4471	12.0500	12.1680
ND103	10 year 24 hours	0.00	20.33	0.0006	5.73	2.81	195373	24.1041	3.4480	12.0335	9.3206
ND104	10 year 24 hours	0.00	21.19	0.0006	5.51	2.14	141421	24.1208	3.4150	12.0167	8.4110
ND105	10 year 24 hours	0.00	20.98	0.0009	2.53	3.26	49126	24.5458	14.3270	12.0167	14.3178
ND106	10 year 24 hours	0.00	21.46	0.0007	3.46	0.55	218373	24.7458	1.2802	12.0166	11.5207

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND107	10 year 24 hours	0.00	21.42	0.0002	3.57	0.71	175920	25.0791	17.2789	12.0667	12.1883
ND108	10 year 24 hours	0.00	22.04	0.0002	5.30	1.17	241584	24.4291	17.2789	12.0171	7.9438
ND109	10 year 24 hours	0.00	22.12	0.0010	6.29	1.13	400004	24.4958	3.2795	12.0000	5.8543
ND11	10 year 24 hours	0.00	23.11	0.0004	7.14	4.08	281397	16.5809	3.5817	12.1667	16.5835
ND110	10 year 24 hours	0.00	21.78	0.0003	7.00	7.00	223327	25.6624	13.7478	12.1833	12.1839
ND111	10 year 24 hours	0.00	21.96	0.0008	13.18	13.17	316148	24.8791	3.4480	12.0833	12.1035
ND112	10 year 24 hours	0.00	25.44	0.0010	22.97	15.65	65340	24.7124	20.1205	12.0167	12.0171
ND115	10 year 24 hours	0.00	22.72	-0.1380	621.76	2402.97	1921490 2	23.2208	0.0001	0.0002	0.0000
ND116	10 year 24 hours	0.00	22.72	0.1308	2402.97	721.13	7934563	23.2541	0.0001	0.0000	0.0002
ND12	10 year 24 hours	0.00	23.31	0.0003	4.39	3.41	174893	14.7348	3.7403	12.2500	14.7348
ND13	10 year 24 hours	0.00	23.20	0.0002	7.49	0.00	473200	29.8208	17.2789	12.4500	0.0000
ND14	10 year 24 hours	0.00	23.04	0.0002	13.29	0.00	545123	25.9541	17.2789	12.0500	0.0000
ND15	10 year 24 hours	0.00	21.60	0.0006	4.49	4.49	120871	24.4624	3.3837	12.0166	12.0308
ND16	10 year 24 hours	0.00	21.38	0.0002	7.40	7.38	375314	25.9458	17.2789	12.2500	12.2971
ND17	10 year 24 hours	0.00	21.17	0.0007	19.58	5.13	503821	24.8291	3.3152	11.3814	12.1690

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND18	10 year 24 hours	0.00	21.51	0.0001	1.17	0.45	58041	23.1208	15.5785	12.0833	12.2056
ND19	10 year 24 hours	0.00	21.66	0.0002	2.46	0.42	105448	24.2374	17.2789	12.0166	12.1712
ND20	10 year 24 hours	0.00	22.05	0.0010	10.31	5.75	484739	24.9041	3.3152	12.0167	11.4828
ND21	10 year 24 hours	0.00	21.51	0.0007	4.69	3.32	125525	24.6041	3.3837	12.0001	11.9018
ND22	10 year 24 hours	20.40	21.53	0.0010	50.09	18.77	1719076	24.7624	3.1725	12.0000	11.4998
ND23	10 year 24 hours	0.00	21.75	0.0006	7.77	5.91	258049	24.9624	3.3837	12.0335	11.0873
ND24	10 year 24 hours	0.00	21.21	0.0002	3.63	1.63	147024	24.7124	17.2789	12.0333	8.8552
ND25	10 year 24 hours	0.00	21.67	0.0004	18.02	18.02	707084	32.6958	17.2789	13.6001	13.6328
ND26	10 year 24 hours	0.00	21.42	0.0007	8.71	8.66	190679	24.8874	3.3837	12.0335	11.9712
ND27	10 year 24 hours	0.00	21.73	0.0002	5.60	1.66	336540	25.1958	3.4480	12.1500	8.2109
ND28	10 year 24 hours	0.00	22.36	0.0006	9.30	1.79	421272	25.7458	3.5385	12.1334	12.2532
ND29	10 year 24 hours	0.00	22.34	0.0002	24.69	9.22	1281963	26.9124	17.2789	12.2167	12.3068
ND30	10 year 24 hours	0.00	21.94	0.0003	19.31	5.98	643792	26.2041	3.5068	9.3556	12.4020
ND31	10 year 24 hours	0.00	22.80	0.0010	4.34	9.66	151624	24.6208	0.1048	12.0333	0.3699
ND32	10 year 24 hours	0.00	22.65	0.0001	1.17	0.46	66875	22.5265	3.5385	12.0500	12.1867

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND33	10 year 24 hours	0.00	21.61	0.0009	17.75	13.47	368109	25.6458	3.4480	12.1165	12.1501
ND34	10 year 24 hours	0.00	21.96	0.0003	17.03	16.43	902165	28.9541	13.7478	12.8334	12.3744
ND35	10 year 24 hours	0.00	21.75	0.0004	7.66	4.65	269606	25.8541	3.5936	12.1667	12.1887
ND36	10 year 24 hours	0.00	20.99	0.0003	3.27	2.77	90331	24.6541	1.9011	12.0166	12.0019
ND37	10 year 24 hours	0.00	22.30	0.0009	12.89	0.40	617709	27.1041	2.9683	12.0331	24.7708
ND38	10 year 24 hours	0.00	21.40	0.0010	0.79	0.85	5800	24.4208	11.3330	12.5767	12.9527
ND39	10 year 24 hours	0.00	21.45	0.0002	13.20	2.47	793730	25.4374	17.2789	12.0500	12.1838
ND41	10 year 24 hours	0.00	21.90	0.0002	23.41	6.76	1212875	28.9208	17.2789	12.4667	12.4403
ND42	10 year 24 hours	0.00	22.33	0.0002	2.06	0.01	125879	24.6374	2.0297	12.0000	25.2291
ND43	10 year 24 hours	0.00	21.20	0.0009	3.74	4.56	45329	24.9374	13.1532	13.2647	13.1504
ND44	10 year 24 hours	0.00	22.21	0.0002	18.63	18.30	1006582	29.5791	17.2789	12.6500	12.3928
ND45	10 year 24 hours	0.00	21.40	0.0010	15.43	26.63	302221	28.7458	15.7202	12.6000	16.1499
ND46	10 year 24 hours	0.00	22.75	0.0001	0.95	0.73	65242	24.6624	17.2789	12.1500	11.1934
ND47	10 year 24 hours	0.00	21.85	0.0004	4.85	4.84	206386	24.7708	3.2795	12.0166	12.0454
ND48	10 year 24 hours	0.00	21.78	0.0002	2.50	2.50	19898	12.0598	3.3837	12.0500	12.0598

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND49	10 year 24 hours	0.00	21.84	0.0003	3.43	3.29	143879	24.2208	3.3837	12.0500	11.7195
ND50	10 year 24 hours	0.00	22.14	0.0002	1.16	1.16	54025	24.4124	18.4375	12.0167	12.0603
ND51	10 year 24 hours	0.00	22.02	0.0010	2.29	0.20	155726	25.6291	2.6385	12.1833	12.3410
ND52	10 year 24 hours	0.00	21.88	0.0002	6.50	5.71	377608	25.3958	17.2789	12.0833	11.5489
ND53	10 year 24 hours	0.00	22.12	0.0002	8.67	1.01	868482	33.1291	19.7347	14.0988	22.5791
ND54	10 year 24 hours	0.00	21.89	0.0003	6.62	3.66	376721	25.0208	3.3152	12.0500	10.4339
ND55	10 year 24 hours	0.00	22.15	0.0002	0.72	0.04	45559	24.4041	2.0297	12.0165	22.2447
ND56	10 year 24 hours	0.00	22.74	0.0002	2.60	0.98	128929	24.3874	17.2789	12.0666	12.1527
ND57	10 year 24 hours	0.00	22.17	0.0002	0.69	0.69	11253	24.2124	17.2789	12.0333	12.0339
ND58	10 year 24 hours	0.00	21.39	0.0007	6.72	6.72	104631	24.8458	3.4150	12.0167	12.0251
ND59	10 year 24 hours	0.00	22.51	0.0000	2.99	2.99	69874	12.0710	24.2958	12.0500	12.0710
ND60	10 year 24 hours	0.00	22.29	0.0010	45.03	21.95	1891370	24.9041	3.2232	12.0166	11.4998
ND61	10 year 24 hours	0.00	21.76	0.0000	3.85	3.84	121200	12.2129	24.5041	12.1667	12.2130
ND62	10 year 24 hours	0.00	22.31	0.0002	7.17	3.52	611181	27.3708	17.2789	12.7499	9.9450
ND63	10 year 24 hours	0.00	22.05	0.0001	1.88	0.98	117688	24.7458	17.2789	12.0500	9.8748

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND64	10 year 24 hours	0.00	22.23	0.0002	3.00	2.65	183748	24.5541	3.5385	12.1334	12.7097
ND65	10 year 24 hours	0.00	22.83	0.0001	3.78	0.03	95832	24.7458	18.4427	10.4018	24.3791
ND66	10 year 24 hours	0.00	22.20	0.0002	2.25	0.19	167705	26.6708	15.3311	12.6167	22.4639
ND67	10 year 24 hours	0.00	22.71	0.0002	3.71	1.27	245643	22.1111	17.2789	12.3501	22.1137
ND68	10 year 24 hours	0.00	23.09	0.0001	2.61	0.09	170973	24.8208	17.2789	12.0331	22.2698
ND69	10 year 24 hours	0.00	22.88	0.0001	1.81	0.07	118701	24.6624	17.2789	12.0277	22.2531
ND70	10 year 24 hours	0.00	23.09	0.0002	0.86	0.12	57774	24.2791	2.0297	12.0235	22.3250
ND71	10 year 24 hours	0.00	22.58	0.0002	1.72	1.72	75207	24.4624	17.2789	12.0833	12.1079
ND72	10 year 24 hours	0.00	22.53	0.0023	2.21	10.97	107279	24.2958	11.1273	12.0333	11.1422
ND73	10 year 24 hours	0.00	21.79	0.0001	5.27	0.10	625086	25.5291	19.7347	12.0219	22.3356
ND74	10 year 24 hours	0.00	22.15	0.0002	0.44	0.00	28783	27.5541	17.2789	12.1834	0.0000
ND75	10 year 24 hours	0.00	22.76	0.0001	2.28	0.12	145926	24.5041	17.2789	12.0167	22.2406
ND76	10 year 24 hours	0.00	21.95	0.0008	25.18	25.18	560132	26.4874	3.4480	12.1834	12.1941
ND77	10 year 24 hours	0.00	22.71	0.0006	11.48	7.12	373509	15.4840	3.3837	12.0667	15.4862
ND78	10 year 24 hours	0.00	23.14	0.0005	3.13	1.62	113519	24.1958	3.2795	12.0000	9.8680

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND79	10 year 24 hours	0.00	23.16	0.0004	2.92	0.86	107534	24.3041	3.2554	12.0000	11.4674
ND80	10 year 24 hours	0.00	22.45	-0.0010	2.22	2.82	7230	24.0708	14.5256	14.9254	14.9220
ND81	10 year 24 hours	0.00	22.96	0.0004	6.52	3.39	212776	25.5458	3.4480	12.0999	12.1681
ND82	10 year 24 hours	0.00	23.30	0.0004	9.01	2.25	360255	24.5124	0.7095	12.0000	11.5679
ND83	10 year 24 hours	0.00	23.39	0.0008	6.89	3.12	260404	24.4458	3.2743	12.0000	11.4510
ND84	10 year 24 hours	0.00	23.10	0.0002	11.10	11.03	873046	28.4791	17.2789	12.5333	12.4146
ND85	10 year 24 hours	0.00	21.93	0.0003	3.39	1.72	183619	24.8374	3.6199	12.0833	9.6367
ND86	10 year 24 hours	0.00	22.17	0.0003	1.60	1.60	32433	22.3725	3.6605	12.0333	12.0452
ND87	10 year 24 hours	0.00	22.17	0.0001	1.01	0.21	60739	24.2291	17.2789	12.0333	6.4128
ND88	10 year 24 hours	0.00	22.30	0.0003	2.27	2.27	46441	22.5874	3.5385	12.0333	12.0354
ND89	10 year 24 hours	0.00	22.51	0.0003	8.53	8.53	276328	24.5791	14.3178	12.0001	12.0023
ND90	10 year 24 hours	0.00	22.65	0.0002	1.14	0.41	52059	24.4041	2.0297	12.0001	11.9193
ND91	10 year 24 hours	0.00	22.60	0.0002	2.48	1.86	98635	24.5124	17.2789	12.0167	11.4012
ND92	10 year 24 hours	0.00	21.53	0.0004	3.05	3.05	48863	24.6291	3.5385	12.0333	12.0367
ND93	10 year 24 hours	0.00	22.80	0.0001	0.89	0.56	41474	24.1958	17.2789	12.0333	11.6021

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND94	10 year 24 hours	0.00	22.18	0.0006	4.47	4.47	64822	24.6958	3.4480	12.0166	12.0187
ND95	10 year 24 hours	0.00	21.20	0.0006	6.93	4.40	339431	25.4541	3.5385	12.0667	10.4322
ND96	10 year 24 hours	0.00	21.36	0.0002	1.13	1.13	25928	24.2624	3.3152	12.0000	12.0019
ND97	10 year 24 hours	0.00	21.73	0.0003	3.38	3.07	129006	24.7458	3.4480	12.0333	11.4734
ND98	10 year 24 hours	0.00	20.89	0.0003	6.65	2.68	363923	25.9374	3.5936	12.2167	8.8188
ND99	10 year 24 hours	0.00	20.78	0.0003	1.49	1.49	59977	24.5624	3.6605	12.0333	12.0545
NWL01	10 year 24 hours	0.00	22.87	0.0003	2.33	0.15	52272	24.3291	17.2789	12.0770	15.3277
NWL02	10 year 24 hours	0.00	23.54	0.0004	19.45	0.21	420354	30.1541	14.3178	12.0354	14.7106
NWL03	10 year 24 hours	0.00	23.78	0.0002	1.60	0.34	54450	27.1791	2.0297	12.0333	5.2255
NWL06	10 year 24 hours	0.00	23.58	0.0002	13.06	4.16	564200	29.8624	17.2789	12.0166	6.3764
NWL07	10 year 24 hours	0.00	23.45	0.0005	4.72	0.22	55539	25.3958	13.2492	12.0500	13.2944
NWL08	10 year 24 hours	0.00	23.38	0.0002	12.85	0.34	404019	25.4374	17.2789	12.0000	13.1522
NWL09	10 year 24 hours	0.00	22.99	0.0003	1.04	0.09	28314	24.3791	2.0297	11.8672	12.5457
NWL10	10 year 24 hours	0.00	23.49	0.0003	12.35	0.40	467181	32.6291	17.2789	12.0000	16.1608
NWL100	10 year 24 hours	0.00	21.36	0.0002	2.03	0.19	94743	24.7041	2.0297	12.0000	3.2189

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL101	10 year 24 hours	0.00	19.78	0.0005	0.89	0.09	32670	24.1208	2.0297	11.9835	12.3227
NWL102	10 year 24 hours	0.00	21.26	0.0001	2.17	0.06	92565	24.8541	17.2789	11.8667	15.1632
NWL103	10 year 24 hours	0.00	20.33	0.0002	3.38	1.22	51183	24.0958	2.0297	9.3206	12.2479
NWL104	10 year 24 hours	0.00	21.18	0.0002	2.62	1.01	33759	24.1208	14.7052	11.7346	12.2479
NWL105	10 year 24 hours	0.00	20.98	0.0003	3.89	0.11	68607	24.5708	14.3178	14.3178	14.3264
NWL106	10 year 24 hours	0.00	21.46	0.0001	1.30	0.05	68607	24.7791	17.2789	11.7999	12.4060
NWL107	10 year 24 hours	0.00	21.41	0.0002	2.17	0.09	68607	25.1124	17.2789	11.9334	13.1522
NWL108	10 year 24 hours	0.00	22.04	0.0004	4.09	1.48	68607	24.4208	2.0297	11.9835	12.0087
NWL109	10 year 24 hours	0.00	22.12	0.0002	2.03	0.10	102177	24.4874	2.0297	11.7004	12.2229
NWL11	10 year 24 hours	0.00	22.89	0.0006	5.81	14.39	202535	25.2791	17.2789	16.5627	2.3474
NWL110	10 year 24 hours	0.00	21.78	0.0003	11.26	0.19	234135	25.7374	13.7478	12.0328	13.2974
NWL111	10 year 24 hours	0.00	21.96	0.0004	16.03	0.69	234135	24.9124	13.7478	12.0440	13.7530
NWL112	10 year 24 hours	0.00	25.44	0.0010	16.02	1.91	137214	24.7374	21.6517	12.0170	22.1137
NWL12	10 year 24 hours	0.00	23.24	0.0004	5.38	11.27	171353	25.6791	17.2789	14.7348	2.3474
NWL13	10 year 24 hours	0.00	22.78	0.0001	2.67	0.10	130334	24.3291	2.0297	11.9835	15.1412

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL14	10 year 24 hours	0.00	21.85	0.0002	8.11	0.22	350528	24.4124	17.2789	11.9835	15.1632
NWL15	10 year 24 hours	0.00	21.60	0.0003	8.89	15.06	235224	24.4958	17.2789	12.0001	2.3474
NWL16	10 year 24 hours	0.00	21.38	0.0002	15.38	0.23	439394	26.0624	13.0781	12.0167	13.0999
NWL17	10 year 24 hours	0.00	21.17	0.0001	26.55	74.47	1853497	25.1041	17.2789	12.0000	2.3474
NWL18	10 year 24 hours	0.00	21.51	0.0001	0.99	0.33	30492	23.1374	15.5785	12.0001	12.6153
NWL19	10 year 24 hours	0.00	21.66	0.0002	1.71	4.55	70785	24.2374	17.2789	12.0166	2.3474
NWL20	10 year 24 hours	0.00	22.05	0.0002	15.24	0.08	515097	25.0291	17.2789	11.7333	12.4420
NWL21	10 year 24 hours	0.00	21.51	0.0002	11.43	0.15	433422	24.6541	17.2789	11.9833	15.1632
NWL22	10 year 24 hours	0.00	21.53	0.0002	37.90	66.39	1024749	24.8291	17.2789	11.6935	2.3474
NWL23	10 year 24 hours	0.00	21.75	0.0002	9.60	0.16	224334	25.0208	17.2789	11.5173	12.3501
NWL24	10 year 24 hours	0.00	21.21	0.0002	2.98	5.86	91476	24.7291	17.2789	11.7181	2.3474
NWL25	10 year 24 hours	0.00	21.67	0.0004	28.30	46.76	730719	32.9624	14.3178	12.0333	2.3474
NWL26	10 year 24 hours	0.00	21.42	0.0002	21.11	42.55	664290	24.9958	17.2789	11.9712	2.3474
NWL27	10 year 24 hours	0.00	21.73	0.0002	5.15	16.00	226740	25.2624	17.2789	11.9666	2.3474
NWL28	10 year 24 hours	0.00	22.36	0.0002	4.43	9.93	154638	25.7958	17.2789	12.0166	2.3474

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL29	10 year 24 hours	0.00	22.34	0.0002	29.23	0.31	1138005	27.2124	17.2789	12.0000	3.3442
NWL30	10 year 24 hours	0.00	21.94	0.0002	26.68	75.74	1188099	26.3458	17.2789	12.0000	2.3474
NWL31	10 year 24 hours	0.00	22.80	-0.0126	10.09	52.98	303831	24.6458	0.3748	0.3699	0.3642
NWL32	10 year 24 hours	0.00	22.65	0.0002	1.76	0.49	71003	22.5340	2.0297	12.0000	12.3082
NWL33	10 year 24 hours	0.00	21.61	0.0002	34.17	0.19	1026614	25.8041	17.2789	12.0000	15.3277
NWL34	10 year 24 hours	0.00	21.96	0.0003	19.51	0.49	213444	28.9958	13.7478	12.3740	12.5457
NWL35	10 year 24 hours	0.00	21.75	0.0002	10.21	0.13	303831	25.9458	17.2789	12.0000	15.1516
NWL36	10 year 24 hours	0.00	20.99	0.0001	6.25	0.03	536877	24.8708	17.2789	12.0000	15.3277
NWL37	10 year 24 hours	0.00	22.30	0.0007	10.06	5.11	137214	27.1291	2.0297	11.9835	11.9327
NWL38	10 year 24 hours	0.00	21.40	0.0002	1.37	0.68	39186	24.4291	2.0214	12.9527	12.5767
NWL39	10 year 24 hours	0.00	21.45	0.0002	9.39	0.20	381586	25.5958	17.2789	11.8685	3.2270
NWL41	10 year 24 hours	0.00	21.90	0.0002	14.81	0.47	497673	29.1208	17.2789	12.0166	3.7845
NWL42	10 year 24 hours	0.00	22.33	0.0002	2.69	0.18	145926	24.5208	2.0297	11.9835	12.1420
NWL43	10 year 24 hours	0.00	21.20	0.0002	6.85	2.49	155138	24.9541	13.2640	13.1504	13.2647
NWL44	10 year 24 hours	0.00	22.21	0.0002	43.38	0.10	1414611	29.9791	17.2789	12.0166	15.2078

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL45	10 year 24 hours	0.00	21.40	0.0003	36.23	0.25	1040008	28.9624	17.2789	15.9000	16.1541
NWL46	10 year 24 hours	0.00	22.75	0.0002	1.71	0.09	58806	24.6791	2.0297	11.1939	12.2165
NWL47	10 year 24 hours	0.00	21.85	0.0002	8.87	0.09	215622	24.8208	13.2492	12.0001	13.3265
NWL48	10 year 24 hours	0.00	21.60	0.0002	6.36	0.71	206910	24.1624	17.2789	12.0000	15.1911
NWL49	10 year 24 hours	0.00	21.84	0.0002	5.16	0.67	101277	24.2208	2.0297	11.7195	12.2697
NWL50	10 year 24 hours	0.00	22.14	0.0003	1.97	0.10	43560	24.4291	2.0297	12.0166	16.1247
NWL51	10 year 24 hours	0.00	22.02	0.0003	0.62	0.14	26136	25.6541	2.0131	12.0166	2.7880
NWL52	10 year 24 hours	0.00	21.88	0.0002	8.50	0.12	152460	25.4708	2.0297	11.5489	11.5631
NWL53	10 year 24 hours	0.00	22.12	0.0002	5.98	1.72	319077	33.2458	19.7347	11.9835	11.7192
NWL54	10 year 24 hours	0.00	21.89	0.0002	9.44	0.14	329967	25.1208	2.0297	11.6497	12.3583
NWL55	10 year 24 hours	0.00	22.15	0.0002	1.61	0.11	84698	24.4041	2.0297	11.9835	11.2717
NWL56	10 year 24 hours	0.00	22.74	0.0002	2.47	0.31	81516	24.3958	2.0297	11.8672	12.4922
NWL57	10 year 24 hours	0.00	22.17	0.0004	1.48	0.13	42471	24.2208	2.0297	12.0001	12.3755
NWL58	10 year 24 hours	0.00	21.39	0.0002	17.22	0.08	560328	24.9791	17.2789	12.0000	15.1764
NWL59	10 year 24 hours	0.00	22.18	0.0003	6.27	0.17	175976	24.6708	17.2789	12.0001	15.1911

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NWL60	10 year 24 hours	0.00	22.29	0.0002	62.72	0.32	2101152	25.0624	17.2789	11.7667	12.3583
NWL61	10 year 24 hours	0.00	21.54	0.0004	6.35	0.46	131934	24.6374	17.2789	12.0333	15.2078
NWL62	10 year 24 hours	0.00	22.31	0.0002	6.15	0.44	234135	27.4208	2.0297	9.9450	12.7734
NWL63	10 year 24 hours	0.00	22.05	0.0002	2.80	0.08	117612	24.7624	2.0297	11.7000	12.3369
NWL64	10 year 24 hours	0.00	22.23	0.0004	3.60	0.43	70785	24.5708	14.3178	12.6804	14.3867
NWL65	10 year 24 hours	0.00	22.83	0.0002	6.45	2.83	344124	24.7708	2.0297	11.9835	10.4018
NWL66	10 year 24 hours	0.00	22.20	0.0002	0.57	0.57	30091	26.6958	2.0297	11.9835	12.0045
NWL67	10 year 24 hours	0.00	22.07	0.0006	1.56	0.22	65376	25.9874	22.0475	22.0325	23.1041
NWL68	10 year 24 hours	0.00	23.09	0.0001	1.71	0.51	91476	24.8458	17.2789	11.9835	4.1648
NWL69	10 year 24 hours	0.00	22.88	0.0001	0.69	0.15	37026	24.6708	17.2789	11.9835	3.2081
NWL70	10 year 24 hours	0.00	23.09	0.0002	0.60	0.24	31581	24.2708	2.0297	11.9835	11.4011
NWL71	10 year 24 hours	0.00	22.57	0.0002	4.17	0.22	131413	24.4791	15.5785	12.0001	15.1632
NWL72	10 year 24 hours	0.00	22.53	0.0002	12.13	0.30	71454	24.2958	2.0297	11.1422	12.2229
NWL73	10 year 24 hours	0.00	21.79	0.0001	2.02	1.05	106611	25.6041	19.7347	11.9835	11.4026
NWL74	10 year 24 hours	0.00	21.07	0.0002	1.19	0.37	37918	22.0325	2.0297	11.9835	12.1766

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL75	10 year 24 hours	0.00	22.76	0.0001	0.82	0.26	43251	24.5124	17.2789	11.9835	11.2867
NWL76	10 year 24 hours	0.00	21.95	0.0003	67.05	0.10	1858335	26.8791	17.2789	12.0001	15.2264
NWL77	10 year 24 hours	0.00	21.92	0.0003	16.47	0.17	764180	25.5208	17.2789	11.9835	19.2149
NWL78	10 year 24 hours	0.00	23.14	0.0003	2.00	0.25	33885	24.1958	2.0297	9.8680	12.1168
NWL79	10 year 24 hours	0.00	23.16	0.0002	1.68	0.14	45720	24.3041	2.0297	11.6154	12.2085
NWL80	10 year 24 hours	0.00	22.45	0.0000	3.57	1.16	707757	24.6624	18.4375	14.9220	14.9254
NWL81	10 year 24 hours	0.00	22.96	0.0002	8.64	0.08	283631	25.6541	17.2789	12.0000	13.1019
NWL82	10 year 24 hours	0.00	23.30	0.0002	5.14	0.19	155727	24.5291	17.2789	11.7337	12.2363
NWL83	10 year 24 hours	0.00	23.39	0.0002	6.93	0.24	206910	24.4624	17.2789	11.6556	12.2154
NWL84	10 year 24 hours	0.00	23.10	0.0002	19.36	0.14	486783	28.6541	17.2789	12.0333	12.4343
NWL85	10 year 24 hours	0.00	21.93	0.0003	2.52	0.17	64475	24.8541	2.0297	9.6367	12.2796
NWL86	10 year 24 hours	0.00	22.17	0.0003	2.27	0.54	35937	22.3778	14.7082	12.0167	12.4420
NWL87	10 year 24 hours	0.00	22.17	0.0002	0.51	0.15	18513	24.2291	2.0297	12.0000	12.3501
NWL88	10 year 24 hours	0.00	22.30	0.0002	4.80	0.91	116740	22.5958	14.7052	12.0001	12.3755
NWL89	10 year 24 hours	0.00	22.51	0.0003	15.56	0.28	327354	24.6041	14.3178	12.0001	13.1386

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL90	10 year 24 hours	0.00	22.65	0.0002	4.97	0.18	228505	24.4124	2.0297	11.9833	12.3369
NWL91	10 year 24 hours	0.00	22.60	0.0002	4.00	0.15	117612	24.5291	2.0297	11.6000	12.2796
NWL92	10 year 24 hours	0.00	21.53	0.0003	6.17	0.14	166617	24.6624	16.7341	12.0001	15.1632
NWL93	10 year 24 hours	0.00	22.80	0.0003	1.60	0.20	56628	24.1958	2.0297	11.7823	12.2796
NWL94	10 year 24 hours	0.00	22.18	0.0003	9.93	0.09	275088	24.7541	17.2789	12.0000	15.2078
NWL95	10 year 24 hours	0.00	21.20	0.0002	8.50	0.07	286684	25.5791	17.2789	10.4323	12.6423
NWL96	10 year 24 hours	0.00	21.36	0.0002	1.65	0.10	60421	24.2874	17.2789	12.0002	12.3082
NWL97	10 year 24 hours	0.00	21.73	0.0003	4.16	0.13	60984	24.7624	2.0297	11.4734	12.1577
NWL98	10 year 24 hours	0.00	20.89	0.0003	3.31	0.19	56628	25.9624	2.0297	8.8188	12.5771
NWL99	10 year 24 hours	0.00	20.78	0.0002	4.38	0.10	154014	24.5958	2.0297	12.0000	15.1632
OUTFALL	10 year 24 hours	0.00	12.38	0.0000	361.25	0.00	0	0.0000	0.0000	23.2541	0.0000
ND01	100 year72 hours	0.00	23.87	0.0003	12.57	10.92	36409	72.3475	59.9589	60.0498	59.9008
ND02	100 year72 hours	0.00	24.26	0.0004	55.71	13.28	1130155	78.4225	62.9142	60.9001	60.9579
ND03	100 year72 hours	0.00	24.40	0.0003	69.41	1.93	938718	75.3059	61.3736	60.3665	60.8190
ND06	100 year72 hours	0.00	24.22	0.0003	73.74	14.08	1464263	77.8142	62.9142	60.0351	61.2368

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND07	100 year72 hours	0.00	24.14	0.0003	23.53	2.21	251306	73.6975	61.3736	60.2336	60.7338
ND08	100 year72 hours	0.00	24.06	0.0004	76.53	11.31	796658	73.5725	7.6705	60.2001	60.7188
ND09	100 year72 hours	0.00	23.71	0.0002	9.40	1.47	59917	72.4642	59.6083	60.0500	60.1174
ND10	100 year72 hours	0.00	24.16	0.0004	66.02	12.11	1696195	80.5392	62.9142	60.0342	61.4054
ND100	100 year72 hours	0.00	21.95	0.0006	34.98	1.07	248292	72.7392	0.5838	60.0335	60.7013
ND101	100 year72 hours	0.00	21.58	0.0004	32.93	0.00	385352	76.1392	61.3736	60.3167	0.0000
ND102	100 year72 hours	0.00	21.86	0.0002	15.84	1.24	120879	72.8892	59.6083	60.0500	60.7538
ND103	100 year72 hours	0.00	20.97	0.0004	46.19	4.42	323372	72.2714	7.7708	60.0834	60.1681
ND104	100 year72 hours	0.00	22.01	0.0005	47.59	5.06	240106	72.2438	7.7708	60.0500	60.1003
ND105	100 year72 hours	0.00	21.78	0.0010	22.02	6.79	127673	72.6642	55.9368	60.0500	59.9534
ND106	100 year72 hours	0.00	22.00	0.0001	31.34	2.76	223228	72.7725	59.6209	60.0332	60.1011
ND107	100 year72 hours	0.00	22.07	0.0002	28.00	1.33	240194	73.2142	61.3736	60.0669	60.7693
ND108	100 year72 hours	0.00	22.87	0.0010	54.18	1.95	277865	72.5392	25.2433	60.0337	26.9409
ND109	100 year72 hours	0.00	22.71	0.0007	64.95	1.23	400752	72.5142	7.6705	60.0000	59.6417
ND11	100 year72 hours	0.00	23.75	0.0003	44.97	41.62	434539	73.3392	8.1329	60.2333	60.1473

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND110	100 year72 hours	0.00	22.51	0.0003	43.55	8.44	479050	73.9392	61.3736	60.2336	60.3363
ND111	100 year72 hours	0.00	22.75	0.0007	94.24	23.36	720136	73.1559	7.9231	60.1335	60.1679
ND112	100 year72 hours	0.00	29.70	0.0010	200.70	135.38	65340	72.7059	59.6083	60.0500	60.0503
ND115	100 year72 hours	0.00	24.00	-0.1380	2038.72	2402.97	5687051 6	185.789 2	0.0001	61.5499	0.0000
ND116	100 year72 hours	0.00	24.00	0.1340	2402.97	755.74	1184421 3	93.7475	0.0001	0.0000	0.0002
ND12	100 year72 hours	0.00	23.98	0.0003	25.05	17.57	289392	73.7975	8.5049	60.3331	60.0579
ND13	100 year72 hours	0.00	23.74	0.0003	37.16	26.33	592162	75.6059	62.9142	60.5001	61.2085
ND14	100 year72 hours	0.00	23.62	0.0002	103.55	9.00	737242	62.5672	61.2465	60.1001	62.5697
ND15	100 year72 hours	0.00	22.30	0.0004	40.51	9.58	262404	72.5809	7.7708	60.0335	59.8753
ND16	100 year72 hours	0.00	22.01	0.0002	48.74	8.81	541829	74.1559	61.3736	60.0526	60.7859
ND17	100 year72 hours	0.00	21.64	0.0007	96.42	39.16	731690	72.9892	7.6705	60.0834	60.1530
ND18	100 year72 hours	0.00	21.97	0.0002	8.29	1.17	79141	72.1671	61.3736	60.1499	60.7378
ND19	100 year72 hours	0.00	22.27	0.0002	21.79	1.92	145281	72.3317	59.6209	60.0498	60.1353
ND20	100 year72 hours	0.00	22.69	0.0008	90.48	4.36	666608	72.9642	7.6705	60.0500	60.6860
ND21	100 year72 hours	0.00	22.22	0.0005	43.59	14.29	242386	72.6559	7.7708	60.0332	59.9508

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND22	100 year72 hours	20.40	22.30	0.0010	485.02	58.60	2888633	72.8142	7.4294	60.0166	59.8638
ND23	100 year72 hours	0.00	22.49	0.0006	62.32	8.89	460136	73.0809	7.7708	60.0834	60.1687
ND24	100 year72 hours	0.00	21.89	0.0002	29.84	2.77	223690	72.8809	58.6543	60.0669	60.1841
ND25	100 year72 hours	0.00	22.48	0.0004	69.54	24.38	1422074	81.1059	62.9142	61.1663	61.2500
ND26	100 year72 hours	0.00	22.18	0.0006	69.83	24.73	451250	72.9975	7.7708	60.0834	60.1502
ND27	100 year72 hours	0.00	22.33	0.0002	42.54	4.75	393400	73.5142	7.9231	60.0529	60.8019
ND28	100 year72 hours	0.00	23.06	0.0005	61.57	5.41	602037	73.9309	8.1329	60.1834	60.7182
ND29	100 year72 hours	0.00	22.99	0.0002	160.74	24.32	1795620	75.0392	61.3736	60.0666	60.7843
ND30	100 year72 hours	0.00	22.62	0.0004	89.19	24.57	970708	74.5225	7.9231	60.0510	60.7835
ND31	100 year72 hours	0.00	23.48	0.0010	35.49	10.45	253645	72.7392	0.1083	60.0832	1.8413
ND32	100 year72 hours	0.00	23.07	0.0002	9.68	1.48	77565	72.0950	59.6209	60.0460	60.7351
ND33	100 year72 hours	0.00	22.48	0.0009	121.46	48.05	759437	73.7642	7.9231	60.1667	60.2343
ND34	100 year72 hours	0.00	22.67	0.0004	73.93	9.15	1387612	77.3975	62.9142	60.8003	60.9337
ND35	100 year72 hours	0.00	22.48	0.0004	48.46	9.48	485071	74.0225	8.2582	60.2333	60.3516
ND36	100 year72 hours	0.00	21.34	0.0001	29.70	19.66	171916	72.7309	59.6209	60.0332	60.0183

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND37	100 year72 hours	0.00	23.19	0.0009	88.00	0.49	700227	75.3725	6.3476	60.0340	72.8392
ND38	100 year72 hours	0.00	21.99	0.0010	1.05	0.36	11008	72.4392	53.7903	60.0505	60.8182
ND39	100 year72 hours	0.00	22.06	0.0002	108.86	6.32	879912	73.4975	61.3736	60.0534	60.7561
ND41	100 year72 hours	0.00	22.59	0.0003	114.61	17.69	1846269	77.0809	61.3736	60.5333	60.8337
ND42	100 year72 hours	0.00	22.92	0.0002	20.95	1.66	126324	72.6559	59.6083	60.0000	59.6357
ND43	100 year72 hours	0.00	21.92	0.0002	9.22	3.15	98358	73.1225	59.6083	60.0510	60.7516
ND44	100 year72 hours	0.00	22.86	0.0003	113.38	24.24	1570338	77.8559	62.9142	60.0505	60.9512
ND45	100 year72 hours	0.00	22.25	0.0009	71.14	36.73	925054	77.0475	56.9760	60.6503	60.8019
ND46	100 year72 hours	0.00	23.31	0.0002	7.69	1.01	66429	72.7892	61.3736	60.0503	60.7851
ND47	100 year72 hours	0.00	22.50	0.0003	43.05	3.05	311730	72.8309	7.6362	60.0498	60.1370
ND48	100 year72 hours	0.00	22.28	0.0002	19.30	18.61	119630	72.2170	60.0716	60.1001	60.0330
ND49	100 year72 hours	0.00	22.39	0.0002	27.24	2.48	226512	72.3475	7.7708	60.0834	60.7182
ND50	100 year72 hours	0.00	22.76	0.0002	9.93	0.90	73925	72.5225	59.6614	60.0666	58.6616
ND51	100 year72 hours	0.00	22.60	0.0010	14.26	0.80	163350	73.8142	5.6901	60.1834	60.8174
ND52	100 year72 hours	0.00	22.50	0.0002	49.70	3.25	439520	73.5142	61.3736	60.0666	60.7424

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND53	100 year72 hours	0.00	22.72	0.0003	45.26	5.25	869022	80.7142	62.9142	60.0335	61.7721
ND54	100 year72 hours	0.00	22.50	0.0004	56.40	4.44	439956	73.1392	7.6667	60.0500	60.7538
ND55	100 year72 hours	0.00	22.71	0.0002	6.65	0.65	45738	72.4475	59.6209	60.0332	60.7378
ND56	100 year72 hours	0.00	23.31	0.0002	19.95	1.85	173888	72.5142	58.6543	60.0666	60.7351
ND57	100 year72 hours	0.00	22.82	0.0003	5.72	2.00	39451	72.3166	59.6083	60.0666	59.8501
ND58	100 year72 hours	0.00	22.18	0.0006	57.27	26.32	303427	72.9309	7.7708	60.0666	60.0171
ND59	100 year72 hours	0.00	23.04	0.0002	23.74	23.69	166183	72.6975	60.1879	60.0834	60.1046
ND60	100 year72 hours	0.00	22.94	0.0010	397.75	25.97	2899901	72.9642	7.4764	60.0498	60.1524
ND61	100 year72 hours	0.00	22.36	0.0003	24.25	22.72	239446	72.8059	61.3736	60.2333	60.1408
ND62	100 year72 hours	0.00	22.89	0.0003	37.20	5.27	614196	75.3892	62.9142	60.0505	61.2023
ND63	100 year72 hours	0.00	22.64	0.0002	16.83	1.42	125235	72.8225	59.6083	60.0349	60.7592
ND64	100 year72 hours	0.00	22.78	0.0002	21.08	1.95	208131	72.7392	61.3736	60.0703	60.7740
ND65	100 year72 hours	0.00	23.44	0.0002	14.66	1.12	95832	72.7559	59.6209	60.0181	60.7028
ND66	100 year72 hours	0.00	22.73	0.0003	8.70	1.05	167706	74.0142	62.9142	60.7495	61.2176
ND67	100 year72 hours	0.00	23.14	0.0003	19.62	19.06	284447	73.5142	61.3736	60.4165	60.5518

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND68	100 year72 hours	0.00	23.67	0.0002	21.60	1.56	170973	72.8475	61.3736	60.0500	60.7561
ND69	100 year72 hours	0.00	23.44	0.0002	14.55	0.83	118701	72.6975	61.3736	60.0534	60.7669
ND70	100 year72 hours	0.00	23.56	0.0002	5.74	0.87	58806	72.3317	61.3736	60.0518	60.8255
ND71	100 year72 hours	0.00	23.16	0.0002	13.51	1.84	117612	72.6059	58.6543	60.0513	60.7677
ND72	100 year72 hours	0.00	23.09	-0.0018	18.53	4.00	144837	72.4142	45.0217	60.0500	45.0217
ND73	100 year72 hours	0.00	22.38	0.0002	33.31	2.30	625086	73.4475	61.3736	60.0666	60.7701
ND74	100 year72 hours	0.00	22.41	0.0002	2.68	1.30	31363	61.2572	61.0039	60.2501	61.2572
ND75	100 year72 hours	0.00	23.30	0.0002	17.96	1.12	146386	72.5225	61.2465	60.0529	60.7523
ND76	100 year72 hours	0.00	22.80	0.0009	154.88	47.01	1489892	74.6892	7.9139	60.2501	60.3529
ND77	100 year72 hours	0.00	22.98	0.0007	84.83	84.49	455679	73.2392	7.7708	60.1169	60.1485
ND78	100 year72 hours	0.00	23.84	0.0004	32.84	3.09	181945	72.2572	59.6083	60.0000	59.7837
ND79	100 year72 hours	0.00	23.86	0.0004	30.36	3.42	171312	72.3559	59.6083	60.0000	59.7680
ND80	100 year72 hours	0.00	22.59	0.0010	17.61	17.24	15294	72.1969	54.7609	60.0000	60.0002
ND81	100 year72 hours	0.00	23.71	0.0004	45.67	10.21	381491	73.6809	7.9231	60.1499	60.2514
ND82	100 year72 hours	0.00	24.00	0.0003	89.80	7.70	555851	72.5642	59.6083	60.0166	59.8062

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND83	100 year72 hours	0.00	24.06	0.0006	69.02	9.56	429117	72.5059	7.6523	60.0166	59.7944
ND84	100 year72 hours	0.00	23.71	0.0003	67.54	9.46	906048	76.7725	62.9142	60.0505	60.9348
ND85	100 year72 hours	0.00	22.54	0.0003	25.67	1.66	229871	73.0725	8.3728	60.0674	60.7554
ND86	100 year72 hours	0.00	22.78	0.0003	13.15	2.73	89671	72.1320	59.6083	60.0669	60.1338
ND87	100 year72 hours	0.00	22.68	0.0001	8.42	0.53	66629	72.3241	58.6543	60.0500	60.7502
ND88	100 year72 hours	0.00	22.89	0.0003	18.95	5.09	125780	72.1433	59.6209	60.0666	60.1340
ND89	100 year72 hours	0.00	23.23	0.0003	79.74	10.64	509464	72.6642	59.6209	60.0332	59.8337
ND90	100 year72 hours	0.00	23.25	0.0002	10.38	0.81	74052	72.4559	59.6209	60.0332	60.1505
ND91	100 year72 hours	0.00	23.23	0.0002	21.50	1.82	163350	72.6142	59.6209	60.0500	60.1510
ND92	100 year72 hours	0.00	22.31	0.0003	25.18	8.89	162713	72.7559	59.6083	60.0669	59.9318
ND93	100 year72 hours	0.00	23.33	0.0002	7.28	0.81	58806	72.2865	59.6476	60.0500	60.7338
ND94	100 year72 hours	0.00	22.96	0.0004	39.98	16.35	238032	72.7892	7.7708	60.0335	59.8846
ND95	100 year72 hours	0.00	21.85	0.0004	52.72	5.23	462206	73.5559	8.1329	60.0534	60.7208
ND96	100 year72 hours	0.00	21.89	0.0002	10.73	5.25	57569	72.3392	59.6209	60.0168	60.0002
ND97	100 year72 hours	0.00	22.43	0.0003	27.39	2.18	210389	72.9225	7.7708	60.0832	60.1850

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND98	100 year72 hours	0.00	21.53	0.0003	39.42	2.21	473187	74.2725	61.3736	60.2835	60.7677
ND99	100 year72 hours	0.00	21.40	0.0002	12.55	1.55	97139	72.6475	59.6209	60.0666	60.1702
NWL01	100 year72 hours	0.00	23.87	0.0004	18.54	0.42	52272	72.3559	59.6338	59.9008	60.3331
NWL02	100 year72 hours	0.00	24.25	0.0004	66.58	27.19	420354	78.5142	62.9142	60.0166	60.0171
NWL03	100 year72 hours	0.00	24.40	0.0003	8.49	4.99	54450	75.3309	61.3736	60.0166	59.9011
NWL06	100 year72 hours	0.00	24.22	0.0003	89.35	46.90	565191	77.8642	62.9142	60.0166	60.0168
NWL07	100 year72 hours	0.00	24.14	0.0003	8.76	2.67	55539	73.7142	61.3736	60.0166	59.7890
NWL08	100 year72 hours	0.00	24.06	0.0002	63.96	10.97	404019	73.6225	61.3736	60.0166	59.7672
NWL09	100 year72 hours	0.00	23.71	0.0002	5.76	0.19	28314	72.4642	59.6083	60.0168	60.4187
NWL10	100 year72 hours	0.00	24.15	0.0004	74.04	43.03	468270	80.5975	62.9142	60.0166	60.0173
NWL100	100 year72 hours	0.00	21.95	0.0002	14.90	1.79	94743	72.7475	59.6083	60.0166	59.7078
NWL101	100 year72 hours	0.00	20.47	0.0003	7.52	0.24	33759	72.1612	59.6209	60.0166	60.3897
NWL102	100 year72 hours	0.00	21.86	0.0002	14.64	2.38	92565	72.9142	59.5944	60.0166	59.7704
NWL103	100 year72 hours	0.00	20.96	0.0002	11.41	2.12	51183	72.2714	58.6543	60.0332	60.5016
NWL104	100 year72 hours	0.00	22.01	0.0003	10.21	1.91	33759	72.2438	58.6543	60.0168	60.4191

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL105	100 year72 hours	0.00	21.78	0.0003	15.50	0.22	68607	72.6725	58.0527	60.0002	60.4021
NWL106	100 year72 hours	0.00	22.00	0.0001	9.00	0.13	68607	72.7975	59.6209	60.0332	60.5137
NWL107	100 year72 hours	0.00	22.07	0.0002	12.83	3.27	68607	73.2392	61.3736	60.0166	59.7841
NWL108	100 year72 hours	0.00	22.87	0.0003	34.57	20.17	68607	72.5309	59.6083	60.0166	60.0168
NWL109	100 year72 hours	0.00	22.71	0.0002	16.60	1.23	102366	72.5059	59.6083	60.0060	60.1705
NWL11	100 year72 hours	0.00	23.75	0.0005	71.19	4.61	224887	73.3725	58.6543	60.0666	5.4985
NWL110	100 year72 hours	0.00	22.51	0.0003	36.98	4.14	234135	73.9892	61.3736	60.0166	59.7700
NWL111	100 year72 hours	0.00	22.75	0.0003	44.91	1.02	234135	73.1809	54.7411	60.0498	60.5668
NWL112	100 year72 hours	0.00	29.70	0.0010	138.43	5.94	137214	72.7142	62.6578	60.0503	67.0713
NWL12	100 year72 hours	0.00	23.98	0.0004	44.71	3.61	176418	73.8392	58.6543	60.0571	5.4985
NWL13	100 year72 hours	0.00	23.74	0.0010	28.92	0.38	142659	75.6559	61.1911	61.2085	61.2232
NWL14	100 year72 hours	0.00	22.98	0.0005	68.59	0.65	386270	73.5142	62.9142	60.0166	60.3646
NWL15	100 year72 hours	0.00	22.30	0.0003	46.15	4.82	235224	72.5892	58.6543	60.0002	5.4985
NWL16	100 year72 hours	0.00	22.01	0.0002	69.83	17.75	441045	74.2309	61.3736	60.0166	59.9005
NWL17	100 year72 hours	0.00	21.64	0.0001	215.10	23.85	1886148	73.2892	59.6083	60.0332	5.4985

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL18	100 year72 hours	0.00	21.97	0.0002	4.83	1.12	30492	72.1671	61.3736	60.0166	59.7684
NWL19	100 year72 hours	0.00	22.27	0.0002	12.76	1.46	71874	72.3317	59.6209	60.0166	5.4985
NWL20	100 year72 hours	0.00	22.69	0.0002	81.65	0.40	515097	73.0642	59.6083	60.0166	59.6868
NWL21	100 year72 hours	0.00	22.22	0.0003	82.59	0.41	433422	72.6725	59.6209	60.0166	60.3758
NWL22	100 year72 hours	0.00	22.30	0.0003	218.60	21.26	1024749	72.8309	59.6209	60.0000	5.4985
NWL23	100 year72 hours	0.00	22.49	0.0002	41.07	0.30	224334	73.1309	58.6543	60.0332	60.4916
NWL24	100 year72 hours	0.00	21.89	0.0002	15.73	1.87	91476	72.8975	58.6543	60.0332	5.4985
NWL25	100 year72 hours	0.00	22.48	0.0004	115.71	38.77	730719	81.2892	62.9142	60.0166	60.0178
NWL26	100 year72 hours	0.00	22.18	0.0002	126.75	13.62	665379	73.0975	59.6083	60.0166	5.4985
NWL27	100 year72 hours	0.00	22.33	0.0002	39.58	12.93	250034	73.5642	61.3736	60.0166	59.8683
NWL28	100 year72 hours	0.00	23.06	0.0003	24.56	6.42	155727	73.9725	61.3736	60.0166	59.7680
NWL29	100 year72 hours	0.00	22.99	0.0002	180.23	50.44	1138005	75.2475	61.3736	60.0166	59.8842
NWL30	100 year72 hours	0.00	22.62	0.0002	187.41	36.12	1188099	74.6309	61.3736	60.0166	59.8858
NWL31	100 year72 hours	0.00	23.48	-0.0126	52.62	53.25	304920	72.7642	1.2881	60.0168	2.6030
NWL32	100 year72 hours	0.00	23.06	0.0002	11.30	1.86	71003	72.0844	59.5944	60.0166	60.0007

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL33	100 year72 hours	0.00	22.48	0.0003	202.95	0.48	1105495	73.8809	61.3736	60.0332	60.5642
NWL34	100 year72 hours	0.00	22.67	0.0004	33.81	19.55	213444	77.4309	62.9142	60.0166	60.0012
NWL35	100 year72 hours	0.00	22.48	0.0003	48.02	6.48	303831	74.0892	61.3736	60.0166	59.7688
NWL36	100 year72 hours	0.00	21.34	0.0001	49.12	0.10	536877	72.8809	59.6209	60.0168	60.4382
NWL37	100 year72 hours	0.00	23.19	0.0004	85.01	65.85	137214	75.3892	62.9142	60.0166	60.0168
NWL38	100 year72 hours	0.00	21.99	0.0002	6.28	0.64	39204	72.4309	59.6083	60.0166	60.0171
NWL39	100 year72 hours	0.00	22.06	0.0002	60.37	13.25	381586	73.6059	61.3736	60.0166	59.7672
NWL41	100 year72 hours	0.00	22.59	0.0003	78.66	36.87	497673	77.2225	61.3736	60.0166	59.9688
NWL42	100 year72 hours	0.00	22.92	0.0002	23.47	1.46	145926	72.5309	59.6083	60.0026	60.2501
NWL43	100 year72 hours	0.00	21.92	0.0002	29.05	2.89	179742	73.1392	59.5944	60.0166	59.9005
NWL44	100 year72 hours	0.00	22.86	0.0003	224.04	72.24	1414611	78.1392	62.9142	60.0166	60.0176
NWL45	100 year72 hours	0.00	22.25	0.0003	168.43	13.20	1063953	77.1975	62.9142	60.0166	60.0022
NWL46	100 year72 hours	0.00	23.31	0.0002	9.25	2.69	58806	72.8059	61.3736	60.0166	59.8671
NWL47	100 year72 hours	0.00	22.50	0.0002	36.39	0.18	215622	72.8642	59.6083	60.0166	60.4072
NWL48	100 year72 hours	0.00	22.28	0.0003	51.20	2.17	206910	72.2170	59.6083	60.0330	60.3646

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL49	100 year72 hours	0.00	22.39	0.0002	16.32	1.19	101277	72.3475	58.6543	60.0166	60.4529
NWL50	100 year72 hours	0.00	22.76	0.0004	7.06	0.27	43560	72.5309	58.6543	60.0166	59.6710
NWL51	100 year72 hours	0.00	22.60	0.0003	4.07	2.00	26136	73.8309	61.3736	60.0166	59.8680
NWL52	100 year72 hours	0.00	22.50	0.0002	24.15	6.40	152460	73.5642	61.3736	60.0166	59.7684
NWL53	100 year72 hours	0.00	22.72	0.0003	50.58	33.96	320166	80.7809	62.9142	60.0166	60.0171
NWL54	100 year72 hours	0.00	22.50	0.0002	52.23	8.05	329967	73.2142	59.5944	60.0166	59.7507
NWL55	100 year72 hours	0.00	22.71	0.0002	13.59	1.43	86031	72.4475	59.6083	60.0166	59.7676
NWL56	100 year72 hours	0.00	23.30	0.0002	12.83	2.01	81675	72.5142	59.5944	60.0166	59.7201
NWL57	100 year72 hours	0.00	22.82	0.0003	8.44	0.28	43560	72.3241	59.6083	60.0000	60.3654
NWL58	100 year72 hours	0.00	22.18	0.0003	115.19	0.20	560835	73.0309	59.6083	60.0166	60.4290
NWL59	100 year72 hours	0.00	23.04	0.0003	50.64	0.46	176418	72.7142	59.6083	60.0360	60.2816
NWL60	100 year72 hours	0.00	22.94	0.0002	364.92	0.70	2205225	73.1059	59.6083	60.0166	60.3811
NWL61	100 year72 hours	0.00	22.36	0.0004	41.64	0.96	139392	72.8142	58.6543	60.0666	60.2594
NWL62	100 year72 hours	0.00	22.88	0.0003	36.98	22.72	234135	75.4225	62.9142	60.0166	60.0029
NWL63	100 year72 hours	0.00	22.64	0.0002	18.42	3.03	117612	72.8475	59.6083	60.0166	59.7857

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL64	100 year72 hours	0.00	22.78	0.0003	11.25	4.03	70785	72.7475	55.7574	60.0166	59.8370
NWL65	100 year72 hours	0.00	23.44	0.0002	54.51	2.48	344124	72.7809	59.6209	60.0166	59.7197
NWL66	100 year72 hours	0.00	22.73	0.0003	4.83	3.53	30492	74.0309	62.9142	60.0166	60.0017
NWL67	100 year72 hours	0.00	23.14	0.0007	23.67	1.03	81675	73.5309	60.7243	60.4827	60.7358
NWL68	100 year72 hours	0.00	23.67	0.0002	14.42	3.57	91476	72.8642	61.3736	60.0166	59.7837
NWL69	100 year72 hours	0.00	23.44	0.0002	5.80	1.70	37026	72.7059	61.3736	60.0166	59.7847
NWL70	100 year72 hours	0.00	23.56	0.0002	5.11	2.12	32024	72.3317	61.3736	60.0166	59.9005
NWL71	100 year72 hours	0.00	23.16	0.0002	20.84	2.49	132858	72.6142	58.0527	60.0166	59.9621
NWL72	100 year72 hours	0.00	23.09	0.0002	11.25	0.97	71874	72.4142	59.5944	60.0166	44.9587
NWL73	100 year72 hours	0.00	22.38	0.0002	17.04	6.44	107811	73.4809	61.3736	60.0166	59.8007
NWL74	100 year72 hours	0.00	21.69	0.0003	10.07	1.11	50224	68.1907	59.6209	60.0166	60.2785
NWL75	100 year72 hours	0.00	23.30	0.0002	6.90	1.95	43560	72.5225	61.2465	60.0166	59.7700
NWL76	100 year72 hours	0.00	22.80	0.0003	358.28	15.32	1876347	74.9725	59.6083	60.0166	59.7854
NWL77	100 year72 hours	0.00	22.98	0.0003	217.06	0.60	878369	73.3642	59.6083	60.0335	60.5358
NWL78	100 year72 hours	0.00	23.84	0.0004	8.11	0.52	34848	72.2572	59.6083	59.9667	60.2064

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL79	100 year72 hours	0.00	23.86	0.0004	9.92	0.33	45738	72.3559	59.6083	60.0000	60.2297
NWL80	100 year72 hours	0.00	22.59	0.0001	27.73	1.33	787406	72.6725	59.6330	60.0002	58.4553
NWL81	100 year72 hours	0.00	23.71	0.0002	47.86	2.96	285318	73.7559	61.3736	60.0332	59.7032
NWL82	100 year72 hours	0.00	24.00	0.0003	31.34	0.45	156816	72.5642	59.6209	60.0000	60.2729
NWL83	100 year72 hours	0.00	24.06	0.0003	40.81	0.55	207999	72.5059	59.6209	60.0000	60.2671
NWL84	100 year72 hours	0.00	23.71	0.0003	77.14	39.82	487872	76.8892	62.9142	60.0166	60.0024
NWL85	100 year72 hours	0.00	22.54	0.0002	11.25	3.23	71150	73.0892	61.3736	60.0166	59.7850
NWL86	100 year72 hours	0.00	22.78	0.0004	8.29	1.07	37026	72.1268	59.1347	60.0166	60.3350
NWL87	100 year72 hours	0.00	22.68	0.0002	3.01	0.64	18689	72.3241	59.5922	60.0166	59.7837
NWL88	100 year72 hours	0.00	22.89	0.0003	26.07	2.04	134095	72.1373	59.6083	60.0166	60.3316
NWL89	100 year72 hours	0.00	23.23	0.0003	68.39	0.52	369313	72.6642	59.6209	60.0000	60.3160
NWL90	100 year72 hours	0.00	23.25	0.0002	39.10	0.46	242847	72.4559	59.6209	60.0166	60.3512
NWL91	100 year72 hours	0.00	23.23	0.0002	19.89	0.30	117612	72.6142	59.6083	60.0166	60.3909
NWL92	100 year72 hours	0.00	22.31	0.0003	35.09	0.29	167706	72.7725	58.0527	60.0166	60.3992
NWL93	100 year72 hours	0.00	23.33	0.0002	8.90	0.49	56628	72.2865	59.6209	60.0166	59.6868

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL94	100 year72 hours	0.00	22.96	0.0003	61.68	0.21	291852	72.8225	59.6209	60.0000	60.3343
NWL95	100 year72 hours	0.00	21.85	0.0002	45.40	6.98	287496	73.6475	61.3736	60.0166	59.7344
NWL96	100 year72 hours	0.00	21.89	0.0002	9.66	0.22	60984	72.3559	59.6209	60.0007	60.3489
NWL97	100 year72 hours	0.00	22.43	0.0002	10.52	0.19	60984	72.9392	58.0527	60.0166	60.5117
NWL98	100 year72 hours	0.00	21.53	0.0003	8.90	4.11	56628	74.2975	61.3736	60.0166	59.8510
NWL99	100 year72 hours	0.00	21.40	0.0002	25.18	0.21	154638	72.6559	58.0493	60.0166	60.4286
OUTFAL L	100 year72 hours	0.00	12.38	0.0000	0.00	0.00	0	0.0000	0.0000	0.0000	0.0000
ND01	25 year 72 hours	0.00	23.42	0.0002	9.43	9.42	29982	72.3250	60.5554	60.0500	60.0544
ND02	25 year 72 hours	0.00	23.94	0.0004	41.66	14.68	965052	78.2417	62.7112	60.9009	60.9046
ND03	25 year 72 hours	0.00	24.11	0.0003	51.96	1.81	929592	75.2584	61.0907	60.3667	60.7714
ND06	25 year 72 hours	0.00	23.93	0.0003	51.74	12.90	1363794	77.6667	62.7112	60.0358	61.2179
ND07	25 year 72 hours	0.00	23.83	0.0003	17.62	2.28	226500	73.5750	61.0907	60.2335	60.3514
ND08	25 year 72 hours	0.00	23.75	0.0003	57.32	12.72	677163	73.5084	9.8113	60.1999	60.3019
ND09	25 year 72 hours	0.00	23.38	0.0003	7.05	1.60	49137	72.4334	59.6289	60.0500	60.1019
ND10	25 year 72 hours	0.00	23.86	0.0004	46.95	11.41	1538588	80.3250	62.7112	61.3830	61.4001

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND100	25 year 72 hours	0.00	21.66	0.0002	25.97	0.81	247203	72.7334	59.6430	60.0341	60.7007
ND101	25 year 72 hours	0.00	21.24	0.0004	24.66	0.00	340810	76.1334	61.0907	60.3171	0.0000
ND102	25 year 72 hours	0.00	21.57	0.0002	11.33	0.99	120879	72.8750	59.6289	60.0504	60.7362
ND103	25 year 72 hours	0.00	20.67	0.0004	34.63	4.87	271603	72.2250	10.3066	60.0834	60.1503
ND104	25 year 72 hours	0.00	21.63	0.0004	35.69	5.38	194334	72.2084	59.6584	60.0500	60.0838
ND105	25 year 72 hours	0.00	21.44	0.0006	16.52	8.46	96013	72.6167	59.2999	60.0500	59.9341
ND106	25 year 72 hours	0.00	21.74	0.0008	23.51	2.09	222156	72.7667	1.9051	60.0334	60.1015
ND107	25 year 72 hours	0.00	21.77	0.0002	20.02	1.36	229223	73.1750	61.0907	60.0680	60.7341
ND108	25 year 72 hours	0.00	22.47	0.0003	40.13	0.30	276472	72.5167	59.6289	60.0337	32.9162
ND109	25 year 72 hours	0.00	22.42	0.0006	48.78	0.77	400752	72.5167	9.8113	60.0001	59.6352
ND111	25 year 72 hours	0.00	23.42	0.0004	33.68	33.24	355495	73.2250	10.4553	60.2331	60.2842
ND110	25 year 72 hours	0.00	22.19	0.0003	32.61	11.10	383331	73.8334	61.0907	60.2335	60.2837
ND111	25 year 72 hours	0.00	22.42	0.0006	70.62	27.01	567366	73.0500	10.2230	60.1500	60.1350
ND112	25 year 72 hours	0.00	27.62	0.0010	150.54	101.52	65340	72.7167	59.9950	60.0500	60.0504
ND115	25 year 72 hours	0.00	23.05	-0.1380	1523.37	2402.97	2965666 2	69.5218	0.0001	61.5505	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND116	25 year 72 hours	0.00	23.05	0.1308	2402.97	721.13	10471345	69.4744	0.0001	0.0000	0.0002
ND12	25 year 72 hours	0.00	23.66	0.0003	18.76	18.61	247316	73.6500	61.0907	60.3329	60.3757
ND13	25 year 72 hours	0.00	23.44	0.0003	27.81	9.36	559624	75.5000	61.0907	60.5000	63.0521
ND14	25 year 72 hours	0.00	23.48	0.0003	77.63	0.00	699609	73.9500	61.0907	60.0998	0.0000
ND15	25 year 72 hours	0.00	21.99	0.0003	30.39	27.93	215838	72.5500	10.2230	60.0334	59.9437
ND16	25 year 72 hours	0.00	21.72	0.0002	33.03	8.34	505188	74.0917	61.0907	60.0547	60.7527
ND17	25 year 72 hours	0.00	21.42	0.0006	72.28	32.25	627197	72.9250	9.8113	60.0834	60.1541
ND18	25 year 72 hours	0.00	21.74	0.0002	6.21	1.03	73506	72.1423	61.0907	60.1500	60.3014
ND19	25 year 72 hours	0.00	21.98	0.0002	16.35	2.13	130434	72.3084	59.6430	60.0500	60.1339
ND20	25 year 72 hours	0.00	22.39	0.0006	67.87	8.69	648580	72.9417	9.8113	60.0500	59.8945
ND21	25 year 72 hours	0.00	21.89	0.0004	32.71	14.82	192099	72.6417	10.3066	60.0334	60.0001
ND22	25 year 72 hours	20.40	21.96	0.0010	364.09	66.23	2371970	72.8000	9.5593	60.0167	59.9021
ND23	25 year 72 hours	0.00	22.16	0.0004	46.72	11.22	385219	73.0417	10.1121	60.0834	60.1367
ND24	25 year 72 hours	0.00	21.58	0.0002	22.38	3.41	194479	72.8334	59.6289	60.0831	60.1507
ND25	25 year 72 hours	0.00	22.13	0.0004	51.99	23.55	1126819	80.9417	62.7112	61.1674	61.2024

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND26	25 year 72 hours	0.00	21.84	0.0005	52.36	27.00	334457	72.9667	10.1121	60.0834	60.1175
ND27	25 year 72 hours	0.00	22.04	0.0002	31.08	3.69	386072	73.4334	10.2230	60.0547	60.7865
ND28	25 year 72 hours	0.00	22.74	0.0006	46.12	5.37	542412	73.8834	10.4553	60.1837	60.3181
ND29	25 year 72 hours	0.00	22.69	0.0002	109.66	23.29	1698762	74.9917	61.0907	60.0670	60.7506
ND30	25 year 72 hours	0.00	22.31	0.0004	60.59	21.33	831079	74.4334	10.2230	60.0510	60.7516
ND31	25 year 72 hours	0.00	23.21	0.0010	26.61	10.31	222605	72.7167	0.1128	60.0831	4.7214
ND32	25 year 72 hours	0.00	22.85	0.0002	6.92	1.17	76393	68.5849	59.6430	60.0514	60.7188
ND33	25 year 72 hours	0.00	22.09	0.0008	90.99	45.84	584081	73.7167	10.2230	60.1668	60.2174
ND34	25 year 72 hours	0.00	22.36	0.0004	55.29	9.36	1237883	77.1750	62.7112	60.8000	60.8846
ND35	25 year 72 hours	0.00	22.15	0.0005	36.30	10.95	407978	73.9667	10.4553	60.2331	60.3014
ND36	25 year 72 hours	0.00	21.18	0.0002	22.28	16.23	134914	72.7000	3.5884	60.0334	60.0334
ND37	25 year 72 hours	0.00	22.77	0.0010	64.91	0.39	699340	75.2667	8.2384	60.0341	72.8417
ND38	25 year 72 hours	0.00	21.70	-0.0010	0.59	0.46	8999	72.4167	56.6378	60.4333	58.1281
ND39	25 year 72 hours	0.00	21.77	0.0002	78.97	5.12	877897	73.4834	1.4109	60.0667	60.7372
ND41	25 year 72 hours	0.00	22.28	0.0003	85.76	16.81	1633393	77.0250	62.7112	60.5333	60.8012

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND42	25 year 72 hours	0.00	22.63	0.0002	15.74	1.19	126324	72.6584	59.6289	60.0001	59.6352
ND43	25 year 72 hours	0.00	21.60	0.0003	6.74	2.94	77784	73.0250	59.6289	60.3166	60.4013
ND44	25 year 72 hours	0.00	22.56	0.0003	65.38	24.39	1522533	77.7667	10.3066	60.0523	60.9009
ND45	25 year 72 hours	0.00	21.88	0.0003	53.22	35.82	662093	76.9334	62.7112	60.6504	60.7341
ND46	25 year 72 hours	0.00	23.03	0.0002	5.74	0.75	66429	72.7584	61.0907	60.0504	60.7856
ND47	25 year 72 hours	0.00	22.20	0.0003	32.30	5.12	286330	72.8084	9.8113	60.0500	60.1019
ND48	25 year 72 hours	0.00	21.98	0.0002	14.47	14.46	64427	72.1917	61.0907	60.1001	60.1068
ND49	25 year 72 hours	0.00	22.13	0.0002	20.42	3.73	210908	72.3084	59.6289	60.0834	60.1533
ND50	25 year 72 hours	0.00	22.47	0.0002	7.44	6.18	66771	72.4917	59.9950	60.0667	59.9110
ND51	25 year 72 hours	0.00	22.32	0.0010	10.59	0.63	163350	73.7750	7.5802	60.1999	60.7875
ND52	25 year 72 hours	0.00	22.21	0.0002	36.70	2.75	423881	73.4750	61.0907	60.0667	60.7352
ND53	25 year 72 hours	0.00	22.43	0.0003	34.06	3.87	869022	80.6917	62.7112	60.0337	61.7791
ND54	25 year 72 hours	0.00	22.21	0.0003	39.09	3.76	437705	73.1084	9.8113	60.0639	60.7227
ND55	25 year 72 hours	0.00	22.43	0.0002	5.07	0.47	45738	72.4417	59.6289	60.0334	60.7516
ND56	25 year 72 hours	0.00	23.04	0.0002	14.69	1.96	165815	72.4750	59.2802	60.1167	60.2217

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND57	25 year 72 hours	0.00	22.52	0.0003	4.29	3.79	28502	72.2834	59.9518	60.0667	59.9292
ND58	25 year 72 hours	0.00	21.82	0.0004	42.96	28.09	211811	72.9000	10.2230	60.0667	60.0180
ND59	25 year 72 hours	0.00	22.71	0.0002	17.80	17.75	115346	72.6500	62.0848	60.0834	60.1068
ND60	25 year 72 hours	0.00	22.65	0.0010	298.40	44.48	2675252	72.9417	9.6843	60.0500	60.1171
ND61	25 year 72 hours	0.00	22.04	0.0003	18.16	18.08	189408	72.6834	61.0907	60.2331	60.2604
ND62	25 year 72 hours	0.00	22.60	0.0003	27.31	3.94	613728	75.2584	62.7112	60.0504	61.2056
ND63	25 year 72 hours	0.00	22.35	0.0002	12.09	1.04	125235	72.8084	59.6289	60.0500	60.7684
ND64	25 year 72 hours	0.00	22.51	0.0002	15.19	2.63	207010	72.6667	10.4553	60.0767	59.5212
ND65	25 year 72 hours	0.00	23.14	0.0002	11.23	0.80	95832	72.7500	59.6289	60.0184	60.7089
ND66	25 year 72 hours	0.00	22.47	0.0003	6.50	0.75	167706	74.0584	62.7112	60.7496	61.2379
ND67	25 year 72 hours	0.00	22.86	0.0002	14.68	9.63	264552	73.3334	60.8832	60.4166	61.2556
ND68	25 year 72 hours	0.00	23.39	0.0002	16.37	1.14	170973	72.8500	61.0907	60.0500	60.7684
ND69	25 year 72 hours	0.00	23.16	0.0002	10.97	0.59	118701	72.7000	61.0907	60.0564	60.7693
ND70	25 year 72 hours	0.00	23.32	0.0002	4.46	0.65	58806	72.3250	61.0907	60.0510	60.8218
ND71	25 year 72 hours	0.00	22.88	0.0002	9.16	6.10	115866	72.5667	59.9122	60.1500	59.8789

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND72	25 year 72 hours	0.00	22.82	-0.0010	13.84	1.68	141773	72.3750	10.5697	60.0667	60.1507
ND73	25 year 72 hours	0.00	22.09	0.0002	26.35	1.66	625086	73.4750	61.0907	60.0571	60.7846
ND74	25 year 72 hours	0.00	22.41	0.0003	2.00	0.11	31363	67.2698	61.0907	60.2500	67.2698
ND75	25 year 72 hours	0.00	23.04	0.0002	13.61	0.83	145926	72.5250	61.0907	60.0529	60.7628
ND76	25 year 72 hours	0.00	22.42	0.0007	115.98	57.77	1096519	74.6084	10.1790	60.2500	60.3003
ND77	25 year 72 hours	0.00	22.73	0.0005	63.57	63.27	379523	60.1514	10.1121	60.1167	60.1517
ND78	25 year 72 hours	0.00	23.52	0.0005	24.67	3.16	151672	72.2334	59.6289	60.0001	59.7991
ND79	25 year 72 hours	0.00	23.55	0.0004	22.80	3.46	144550	72.3417	59.6289	60.0001	59.8249
ND80	25 year 72 hours	0.00	22.53	-0.0010	13.23	15.17	11787	72.1193	59.6964	60.0001	59.6738
ND81	25 year 72 hours	0.00	23.37	0.0003	34.21	10.57	305822	73.6334	10.2230	60.1500	60.2201
ND82	25 year 72 hours	0.00	23.69	0.0005	67.43	8.73	478307	72.5500	0.9383	60.0164	59.8507
ND83	25 year 72 hours	0.00	23.76	0.0006	51.83	11.07	368293	72.4917	9.8113	60.0164	59.8355
ND84	25 year 72 hours	0.00	23.42	0.0003	46.63	7.38	905602	76.6834	10.4553	60.0514	60.9021
ND85	25 year 72 hours	0.00	22.25	0.0003	18.70	1.36	218967	73.0000	10.4553	60.0680	60.7352
ND86	25 year 72 hours	0.00	22.50	0.0003	9.86	8.34	66596	68.4900	59.9483	60.0831	59.9144

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
ND87	25 year 72 hours	0.00	22.43	0.0002	6.21	0.43	65617	72.3000	59.6289	60.0664	60.7341
ND88	25 year 72 hours	0.00	22.62	0.0004	14.21	6.53	91806	72.1116	59.6289	60.0667	59.9502
ND89	25 year 72 hours	0.00	22.91	0.0004	59.85	18.31	443353	72.6334	59.6289	60.0330	59.8088
ND90	25 year 72 hours	0.00	22.96	0.0003	7.79	1.23	68816	72.4417	59.6289	60.0334	60.1171
ND91	25 year 72 hours	0.00	22.94	0.0003	16.13	3.38	147220	72.5834	59.6289	60.0500	59.9341
ND92	25 year 72 hours	0.00	21.97	0.0003	18.88	15.14	121402	72.7084	10.4553	60.0667	59.8772
ND93	25 year 72 hours	0.00	23.07	0.0002	5.43	1.02	56002	72.2667	59.6289	60.0831	60.1679
ND94	25 year 72 hours	0.00	22.63	0.0004	29.99	27.41	176328	72.7584	10.4426	60.0334	59.9303
ND95	25 year 72 hours	0.00	21.55	0.0006	38.13	5.32	432280	73.5167	10.4553	60.1332	60.2694
ND96	25 year 72 hours	0.00	21.65	0.0003	8.05	4.97	43597	72.3167	59.6289	60.0167	60.0001
ND97	25 year 72 hours	0.00	22.11	0.0003	20.53	3.01	180683	72.8667	10.4553	60.0834	60.1360
ND98	25 year 72 hours	0.00	21.24	0.0004	29.51	2.04	450822	74.1834	10.4553	60.2837	60.7382
ND99	25 year 72 hours	0.00	21.11	0.0002	9.41	6.57	89762	72.6250	59.8781	60.0667	59.8261
NWL01	25 year 72 hours	0.00	23.42	0.0005	15.67	0.38	52272	72.3334	59.6430	60.0334	60.3685
NWL02	25 year 72 hours	0.00	23.94	0.0004	51.22	9.71	420354	78.3417	62.7112	60.0167	60.0312

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL03	25 year 72 hours	0.00	24.11	0.0003	6.53	3.50	54450	75.2917	61.0907	60.0167	59.8841
NWL06	25 year 72 hours	0.00	23.93	0.0003	68.73	31.92	565191	77.7334	62.7112	60.0167	60.0167
NWL07	25 year 72 hours	0.00	23.83	0.0003	6.74	1.45	55539	73.5917	61.0907	60.0167	59.7693
NWL08	25 year 72 hours	0.00	23.75	0.0002	50.33	4.75	404019	73.5584	61.0907	60.0500	59.7352
NWL09	25 year 72 hours	0.00	23.38	0.0003	4.92	0.17	28314	72.4334	59.6289	60.0167	60.4200
NWL10	25 year 72 hours	0.00	23.86	0.0004	56.95	29.28	467266	80.3917	62.7112	60.0167	60.0174
NWL100	25 year 72 hours	0.00	21.66	0.0002	11.46	0.99	94743	72.7417	59.6289	60.0167	59.6909
NWL101	25 year 72 hours	0.00	20.12	0.0003	5.79	0.19	33759	72.1584	59.6289	60.0167	60.4053
NWL102	25 year 72 hours	0.00	21.57	0.0002	11.26	1.27	92565	72.9000	59.6289	60.0167	59.7177
NWL103	25 year 72 hours	0.00	20.67	0.0003	10.49	1.91	51183	72.2250	59.2802	60.0334	60.4817
NWL104	25 year 72 hours	0.00	21.63	0.0004	9.34	1.70	33759	72.2084	59.6584	60.0334	60.4064
NWL105	25 year 72 hours	0.00	21.44	0.0004	15.09	0.21	68607	72.6334	59.2802	60.0001	60.3733
NWL106	25 year 72 hours	0.00	21.74	0.0002	6.89	0.10	68607	72.7917	59.6430	60.0334	60.4945
NWL107	25 year 72 hours	0.00	21.77	0.0002	9.87	1.82	68607	73.2000	61.0907	60.0167	59.7342
NWL108	25 year 72 hours	0.00	22.47	0.0003	26.59	14.73	68607	72.5084	59.6289	60.0167	60.0167

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL109	25 year 72 hours	0.00	22.42	0.0002	12.60	1.02	102366	72.5084	59.6289	60.0164	60.1675
NWL11	25 year 72 hours	0.00	23.42	0.0006	49.83	3.39	224148	73.2667	60.9789	60.1720	4.7189
NWL110	25 year 72 hours	0.00	22.19	0.0003	34.17	0.29	234135	73.9000	61.0907	60.0334	60.6317
NWL111	25 year 72 hours	0.00	22.42	0.0004	44.67	0.98	234135	73.0750	59.2802	60.0334	60.5455
NWL112	25 year 72 hours	0.00	27.62	0.0010	103.87	2.96	137214	72.7334	60.2469	60.0504	64.2572
NWL12	25 year 72 hours	0.00	23.66	0.0005	33.82	2.66	176418	73.7000	60.8012	60.0664	4.7189
NWL13	25 year 72 hours	0.00	23.44	0.0010	17.36	0.29	142659	75.5667	63.2386	60.0167	64.0310
NWL14	25 year 72 hours	0.00	22.21	0.0003	52.76	0.51	362176	72.4334	59.6289	60.0167	60.3685
NWL15	25 year 72 hours	0.00	21.99	0.0004	55.51	3.55	235224	72.5584	59.6584	59.9440	4.7189
NWL16	25 year 72 hours	0.00	21.72	0.0002	53.71	10.54	441045	74.1750	61.0907	60.0167	59.8527
NWL17	25 year 72 hours	0.00	21.42	0.0002	166.97	17.56	1886148	73.2250	59.6289	60.0334	4.7189
NWL18	25 year 72 hours	0.00	21.74	0.0002	3.86	0.66	30492	72.1270	59.6289	60.0500	60.5474
NWL19	25 year 72 hours	0.00	21.98	0.0002	10.41	1.07	70785	72.3084	59.6289	60.0334	4.7189
NWL20	25 year 72 hours	0.00	22.39	0.0002	70.74	0.16	515097	73.0667	59.6289	60.0164	60.3963
NWL21	25 year 72 hours	0.00	21.89	0.0003	67.51	0.33	433421	72.6667	59.6289	60.0167	60.3847

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL22	25 year 72 hours	0.00	21.96	0.0004	190.71	15.65	1024749	72.8334	59.6289	60.0001	4.7189
NWL23	25 year 72 hours	0.00	22.16	0.0003	36.94	0.27	224333	73.1000	59.2802	60.0167	60.4763
NWL24	25 year 72 hours	0.00	21.58	0.0002	13.77	1.38	91476	72.8500	59.6289	60.0334	4.7189
NWL25	25 year 72 hours	0.00	22.13	0.0004	89.01	17.54	730719	81.1584	62.7112	60.0167	60.0191
NWL26	25 year 72 hours	0.00	21.84	0.0003	106.67	10.03	665379	73.0667	59.6289	60.0167	4.7189
NWL27	25 year 72 hours	0.00	22.04	0.0002	30.45	9.17	245677	73.4917	61.0907	60.0167	59.8515
NWL28	25 year 72 hours	0.00	22.74	0.0003	18.90	3.94	155727	73.9250	61.0907	60.0167	59.7505
NWL29	25 year 72 hours	0.00	22.69	0.0002	138.63	29.46	1138005	75.2417	61.0907	60.0167	59.8355
NWL30	25 year 72 hours	0.00	22.31	0.0002	144.16	22.21	1188099	74.5500	61.0907	60.0167	59.8678
NWL31	25 year 72 hours	0.00	23.21	-0.0128	42.52	53.05	303831	72.7334	0.7253	60.0167	4.7424
NWL32	25 year 72 hours	0.00	22.85	0.0002	8.69	1.07	71003	68.5921	59.6289	60.0167	60.0184
NWL33	25 year 72 hours	0.00	22.09	0.0003	168.01	0.39	1073463	73.8584	59.6289	60.0334	60.5699
NWL34	25 year 72 hours	0.00	22.35	0.0004	26.01	11.75	213444	77.2167	62.7112	60.0167	60.0011
NWL35	25 year 72 hours	0.00	22.15	0.0003	39.86	1.87	303831	74.0417	61.0907	60.0500	59.7362
NWL36	25 year 72 hours	0.00	21.18	0.0001	38.89	0.08	536877	72.8834	59.6289	60.0167	60.4513

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL37	25 year 72 hours	0.00	22.77	0.0003	65.39	48.49	137214	75.2917	62.7112	60.0167	60.0167
NWL38	25 year 72 hours	0.00	21.70	0.0002	4.83	0.28	39204	72.4167	59.6289	60.0167	60.0008
NWL39	25 year 72 hours	0.00	21.77	0.0002	46.44	7.48	381586	73.6084	61.0907	60.0167	59.7214
NWL41	25 year 72 hours	0.00	22.28	0.0003	60.51	23.93	497673	77.1834	62.7112	60.0167	59.9506
NWL42	25 year 72 hours	0.00	22.63	0.0002	17.90	1.20	145926	72.5334	59.6289	60.0039	60.2340
NWL43	25 year 72 hours	0.00	21.60	0.0003	22.35	0.56	169088	73.0500	59.6289	60.0167	59.8185
NWL44	25 year 72 hours	0.00	22.56	0.0002	172.34	34.42	1414611	78.1000	62.7112	60.0167	60.0187
NWL45	25 year 72 hours	0.00	21.88	0.0003	140.37	0.27	1063285	77.1084	62.7112	60.0167	60.6756
NWL46	25 year 72 hours	0.00	23.03	0.0002	7.11	2.00	58806	72.7750	61.0907	60.0167	59.9262
NWL47	25 year 72 hours	0.00	22.20	0.0002	31.24	0.15	215622	72.8500	59.6289	60.0167	60.4031
NWL48	25 year 72 hours	0.00	21.98	0.0003	39.00	1.77	206910	72.2000	59.6289	60.0334	60.5020
NWL49	25 year 72 hours	0.00	22.13	0.0002	15.28	1.09	101277	72.3084	59.6289	60.0167	60.4042
NWL50	25 year 72 hours	0.00	22.47	0.0004	11.10	0.17	43560	72.4917	59.7849	59.9110	60.2720
NWL51	25 year 72 hours	0.00	22.32	0.0002	3.13	1.42	26136	73.7917	61.0907	60.0167	59.8670
NWL52	25 year 72 hours	0.00	22.21	0.0002	18.58	4.37	152460	73.5417	61.0907	60.0167	59.7527

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL53	25 year 72 hours	0.00	22.43	0.0003	38.90	25.73	320166	80.7834	62.7112	60.0167	60.0174
NWL54	25 year 72 hours	0.00	22.21	0.0002	40.18	2.85	329967	73.1917	59.6289	60.0167	59.7023
NWL55	25 year 72 hours	0.00	22.43	0.0002	10.46	1.12	86031	72.4417	59.6289	60.0167	59.7693
NWL56	25 year 72 hours	0.00	23.03	0.0002	10.27	0.84	81675	72.4834	59.6289	60.0334	59.6909
NWL57	25 year 72 hours	0.00	22.52	0.0003	8.69	0.25	42795	72.2917	59.6289	59.9292	60.3461
NWL58	25 year 72 hours	0.00	21.82	0.0003	96.45	0.17	560835	73.0167	59.6289	60.0167	60.4390
NWL59	25 year 72 hours	0.00	22.71	0.0003	38.46	0.39	176418	72.6750	59.6289	60.0368	60.5339
NWL60	25 year 72 hours	0.00	22.65	0.0003	310.15	0.60	2191843	73.1084	59.6289	60.0167	60.3799
NWL61	25 year 72 hours	0.00	22.04	0.0005	31.49	0.95	139392	72.7000	60.9789	60.0667	60.6917
NWL62	25 year 72 hours	0.00	22.60	0.0003	28.45	16.64	234135	75.3000	62.7112	60.0167	60.0027
NWL63	25 year 72 hours	0.00	22.35	0.0002	14.17	1.72	117612	72.8334	59.6289	60.0167	59.9252
NWL64	25 year 72 hours	0.00	22.51	0.0004	8.65	2.68	70785	72.6750	59.2802	60.0167	59.8051
NWL65	25 year 72 hours	0.00	23.14	0.0002	41.93	1.97	344124	72.7834	59.6289	60.0167	59.8551
NWL66	25 year 72 hours	0.00	22.46	0.0003	3.72	3.64	30492	74.0750	62.7112	60.0167	59.9928
NWL67	25 year 72 hours	0.00	22.86	0.0010	10.73	0.68	80808	73.3584	61.5505	61.2379	62.2263

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL68	25 year 72 hours	0.00	23.39	0.0002	11.09	2.84	91476	72.8667	61.0907	60.0167	59.7862
NWL69	25 year 72 hours	0.00	23.16	0.0002	4.46	1.31	37026	72.7084	61.0907	60.0167	59.7874
NWL70	25 year 72 hours	0.00	23.32	0.0002	3.93	1.80	31581	72.3250	61.0907	60.0167	59.9005
NWL71	25 year 72 hours	0.00	22.88	0.0003	20.66	0.39	131983	72.5750	59.6289	59.8789	60.3685
NWL72	25 year 72 hours	0.00	22.82	0.0002	9.89	0.48	71874	72.3750	59.6289	60.0167	60.3815
NWL73	25 year 72 hours	0.00	22.09	0.0002	13.11	6.09	107811	73.5250	61.0907	60.0167	59.8678
NWL74	25 year 72 hours	0.00	21.32	0.0004	7.75	0.91	42248	62.3449	59.6289	60.0167	60.2851
NWL75	25 year 72 hours	0.00	23.04	0.0002	5.31	1.59	43560	72.5250	61.0907	60.0167	59.7776
NWL76	25 year 72 hours	0.00	22.42	0.0003	305.78	0.20	1872925	74.9417	59.6289	60.0330	60.5634
NWL77	25 year 72 hours	0.00	22.55	0.0003	165.07	0.45	855405	73.4917	61.0907	60.0334	60.5699
NWL78	25 year 72 hours	0.00	23.52	0.0005	7.05	0.45	34848	72.2334	59.6289	59.9843	60.2062
NWL79	25 year 72 hours	0.00	23.55	0.0004	8.77	0.28	45738	72.3417	59.6289	60.0001	60.2323
NWL80	25 year 72 hours	0.00	22.53	0.0001	21.10	1.15	755142	72.6667	59.6419	60.0001	58.3777
NWL81	25 year 72 hours	0.00	23.37	0.0002	40.14	0.63	285318	73.7250	61.0907	60.0334	59.7023
NWL82	25 year 72 hours	0.00	23.69	0.0004	27.18	0.38	156532	72.5500	59.6289	60.0001	60.2763

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL83	25 year 72 hours	0.00	23.76	0.0004	35.49	0.47	207999	72.4917	59.6289	60.0001	60.2720
NWL84	25 year 72 hours	0.00	23.42	0.0002	59.34	25.90	487425	76.8250	62.7112	60.0167	60.0024
NWL85	25 year 72 hours	0.00	22.25	0.0002	8.65	2.14	69468	73.0167	61.0907	60.0167	59.7533
NWL86	25 year 72 hours	0.00	22.50	0.0005	12.48	1.08	36976	68.4964	59.7849	59.9144	60.2639
NWL87	25 year 72 hours	0.00	22.43	0.0002	2.31	0.37	18513	72.3084	59.6289	60.0167	59.7036
NWL88	25 year 72 hours	0.00	22.62	0.0004	22.91	1.85	128442	72.1039	59.6289	60.0164	60.3181
NWL89	25 year 72 hours	0.00	22.91	0.0004	61.08	0.48	351429	72.6417	59.6289	59.9997	60.2930
NWL90	25 year 72 hours	0.00	22.96	0.0003	30.78	0.38	242452	72.4417	59.6289	60.0167	60.3398
NWL91	25 year 72 hours	0.00	22.94	0.0003	17.61	0.26	117612	72.5917	59.6289	60.0164	60.3809
NWL92	25 year 72 hours	0.00	21.97	0.0004	33.58	0.26	167385	72.7334	59.6289	59.8777	60.3847
NWL93	25 year 72 hours	0.00	23.07	0.0002	7.55	0.37	56628	72.2667	59.6289	60.0167	60.3914
NWL94	25 year 72 hours	0.00	22.63	0.0004	61.23	0.19	291852	72.8000	59.6289	59.9306	60.3146
NWL95	25 year 72 hours	0.00	21.55	0.0002	34.92	2.95	287496	73.6250	59.6289	60.0167	59.7036
NWL96	25 year 72 hours	0.00	21.64	0.0003	8.35	0.19	60984	72.3334	59.6289	60.0004	60.3351
NWL97	25 year 72 hours	0.00	22.11	0.0003	9.94	0.17	60984	72.8834	59.2802	60.0167	60.4637

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
NWL98	25 year 72 hours	0.00	21.24	0.0003	6.85	2.67	56628	74.2084	61.0907	60.0167	59.8201
NWL99	25 year 72 hours	0.00	21.11	0.0003	22.60	0.18	154638	72.6417	59.6289	59.8269	60.3842
OUTFAL L	25 year 72 hours	0.00	12.38	0.0000	410.26	0.00	0	0.0000	0.0000	69.4821	0.0000

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	0.0000	0.00
03 year 24 hour	OUTFALL	0.2505	0.15
03 year 24 hour	OUTFALL	0.5003	0.16
03 year 24 hour	OUTFALL	0.7502	0.16
03 year 24 hour	OUTFALL	1.0031	0.16
03 year 24 hour	OUTFALL	1.2522	0.16
03 year 24 hour	OUTFALL	1.5027	0.16
03 year 24 hour	OUTFALL	1.7508	0.16
03 year 24 hour	OUTFALL	2.0049	0.16
03 year 24 hour	OUTFALL	2.2512	0.16
03 year 24 hour	OUTFALL	2.5013	0.16
03 year 24 hour	OUTFALL	2.7501	0.16
03 year 24 hour	OUTFALL	3.0002	0.16
03 year 24 hour	OUTFALL	3.2503	0.16
03 year 24 hour	OUTFALL	3.5014	0.16
03 year 24 hour	OUTFALL	3.7501	0.16
03 year 24 hour	OUTFALL	4.0002	0.16
03 year 24 hour	OUTFALL	4.2501	0.16
03 year 24 hour	OUTFALL	4.5000	0.16
03 year 24 hour	OUTFALL	4.7502	0.17
03 year 24 hour	OUTFALL	5.0001	0.20
03 year 24 hour	OUTFALL	5.2501	0.27
03 year 24 hour	OUTFALL	5.5001	0.37
03 year 24 hour	OUTFALL	5.7500	0.55
03 year 24 hour	OUTFALL	6.0000	0.81
03 year 24 hour	OUTFALL	6.2500	1.17
03 year 24 hour	OUTFALL	6.5000	1.64
03 year 24 hour	OUTFALL	6.7500	2.24
03 year 24 hour	OUTFALL	7.0000	2.98
03 year 24 hour	OUTFALL	7.2500	3.86
03 year 24 hour	OUTFALL	7.5000	4.89
03 year 24 hour	OUTFALL	7.7500	6.07
03 year 24 hour	OUTFALL	8.0000	7.40
03 year 24 hour	OUTFALL	8.2500	8.90
03 year 24 hour	OUTFALL	8.5000	10.59
03 year 24 hour	OUTFALL	8.7500	12.51
03 year 24 hour	OUTFALL	9.0000	14.68
03 year 24 hour	OUTFALL	9.2500	17.12
03 year 24 hour	OUTFALL	9.5000	19.85
03 year 24 hour	OUTFALL	9.7500	22.79
03 year 24 hour	OUTFALL	10.0000	25.89
03 year 24 hour	OUTFALL	10.2500	29.11

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	10.5000	32.37
03 year 24 hour	OUTFALL	10.7500	35.68
03 year 24 hour	OUTFALL	11.0000	39.07
03 year 24 hour	OUTFALL	11.2500	42.55
03 year 24 hour	OUTFALL	11.5000	46.12
03 year 24 hour	OUTFALL	11.7500	49.82
03 year 24 hour	OUTFALL	12.0000	53.65
03 year 24 hour	OUTFALL	12.2500	57.63
03 year 24 hour	OUTFALL	12.5000	61.76
03 year 24 hour	OUTFALL	12.7500	66.04
03 year 24 hour	OUTFALL	13.0000	70.48
03 year 24 hour	OUTFALL	13.2500	75.06
03 year 24 hour	OUTFALL	13.5000	79.78
03 year 24 hour	OUTFALL	13.7501	84.63
03 year 24 hour	OUTFALL	14.0001	89.61
03 year 24 hour	OUTFALL	14.2500	94.70
03 year 24 hour	OUTFALL	14.5001	99.90
03 year 24 hour	OUTFALL	14.7501	105.21
03 year 24 hour	OUTFALL	15.0002	110.61
03 year 24 hour	OUTFALL	15.2501	116.11
03 year 24 hour	OUTFALL	15.5001	121.68
03 year 24 hour	OUTFALL	15.7501	127.32
03 year 24 hour	OUTFALL	16.0001	133.02
03 year 24 hour	OUTFALL	16.2502	138.79
03 year 24 hour	OUTFALL	16.5002	144.60
03 year 24 hour	OUTFALL	16.7500	150.45
03 year 24 hour	OUTFALL	17.0000	156.36
03 year 24 hour	OUTFALL	17.2500	162.30
03 year 24 hour	OUTFALL	17.5001	168.27
03 year 24 hour	OUTFALL	17.7504	174.29
03 year 24 hour	OUTFALL	18.0018	180.35
03 year 24 hour	OUTFALL	18.2517	186.41
03 year 24 hour	OUTFALL	18.5003	192.47
03 year 24 hour	OUTFALL	18.7519	198.62
03 year 24 hour	OUTFALL	19.0010	204.72
03 year 24 hour	OUTFALL	19.2509	210.87
03 year 24 hour	OUTFALL	19.5024	217.08
03 year 24 hour	OUTFALL	19.7504	223.22
03 year 24 hour	OUTFALL	20.0003	229.42
03 year 24 hour	OUTFALL	20.2541	235.73
03 year 24 hour	OUTFALL	20.5022	241.91
03 year 24 hour	OUTFALL	20.7512	248.12

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	21.0042	254.45
03 year 24 hour	OUTFALL	21.2513	260.63
03 year 24 hour	OUTFALL	21.5014	266.89
03 year 24 hour	OUTFALL	21.7526	273.18
03 year 24 hour	OUTFALL	22.0022	279.43
03 year 24 hour	OUTFALL	22.2504	285.65
03 year 24 hour	OUTFALL	22.5001	291.91
03 year 24 hour	OUTFALL	22.7540	298.26
03 year 24 hour	OUTFALL	23.0001	304.41
03 year 24 hour	OUTFALL	23.2502	310.64
03 year 24 hour	OUTFALL	23.5071	317.04
03 year 24 hour	OUTFALL	23.7526	323.13
03 year 24 hour	OUTFALL	24.0004	329.26
03 year 24 hour	OUTFALL	24.2528	335.48
03 year 24 hour	OUTFALL	24.5024	341.61
03 year 24 hour	OUTFALL	24.7505	347.68
03 year 24 hour	OUTFALL	25.0047	353.86
03 year 24 hour	OUTFALL	25.2530	359.86
03 year 24 hour	OUTFALL	25.5047	365.91
03 year 24 hour	OUTFALL	25.7582	371.96
03 year 24 hour	OUTFALL	26.0032	377.76
03 year 24 hour	OUTFALL	26.2582	383.74
03 year 24 hour	OUTFALL	26.5082	389.56
03 year 24 hour	OUTFALL	26.7582	395.31
03 year 24 hour	OUTFALL	27.0082	401.00
03 year 24 hour	OUTFALL	27.2582	406.61
03 year 24 hour	OUTFALL	27.5025	412.01
03 year 24 hour	OUTFALL	27.7525	417.45
03 year 24 hour	OUTFALL	28.0008	422.75
03 year 24 hour	OUTFALL	28.2528	428.03
03 year 24 hour	OUTFALL	28.5011	433.11
03 year 24 hour	OUTFALL	28.7540	438.17
03 year 24 hour	OUTFALL	29.0023	443.02
03 year 24 hour	OUTFALL	29.2524	447.78
03 year 24 hour	OUTFALL	29.5013	452.40
03 year 24 hour	OUTFALL	29.7517	456.91
03 year 24 hour	OUTFALL	30.0021	461.28
03 year 24 hour	OUTFALL	30.2516	465.49
03 year 24 hour	OUTFALL	30.5001	469.54
03 year 24 hour	OUTFALL	30.7506	473.46
03 year 24 hour	OUTFALL	31.0008	477.21
03 year 24 hour	OUTFALL	31.2512	480.80

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	31.5008	484.20
03 year 24 hour	OUTFALL	31.7500	486.79
03 year 24 hour	OUTFALL	32.0000	487.08
03 year 24 hour	OUTFALL	32.2500	487.34
03 year 24 hour	OUTFALL	32.5000	487.57
03 year 24 hour	OUTFALL	32.7500	487.77
03 year 24 hour	OUTFALL	33.0000	487.94
03 year 24 hour	OUTFALL	33.2501	488.10
03 year 24 hour	OUTFALL	33.5000	488.23
03 year 24 hour	OUTFALL	33.7500	488.35
03 year 24 hour	OUTFALL	34.0000	488.45
03 year 24 hour	OUTFALL	34.2501	488.54
03 year 24 hour	OUTFALL	34.5000	488.61
03 year 24 hour	OUTFALL	34.7500	488.67
03 year 24 hour	OUTFALL	35.0000	488.73
03 year 24 hour	OUTFALL	35.2500	488.77
03 year 24 hour	OUTFALL	35.5000	488.80
03 year 24 hour	OUTFALL	35.7500	488.83
03 year 24 hour	OUTFALL	36.0000	488.85
03 year 24 hour	OUTFALL	36.2501	488.87
03 year 24 hour	OUTFALL	36.5001	488.89
03 year 24 hour	OUTFALL	36.7501	488.90
03 year 24 hour	OUTFALL	37.0002	488.91
03 year 24 hour	OUTFALL	37.2503	488.91
03 year 24 hour	OUTFALL	37.5001	488.92
03 year 24 hour	OUTFALL	37.7505	488.92
03 year 24 hour	OUTFALL	38.0005	488.92
03 year 24 hour	OUTFALL	38.2501	488.92
03 year 24 hour	OUTFALL	38.5011	488.92
03 year 24 hour	OUTFALL	38.7510	488.92
03 year 24 hour	OUTFALL	39.0031	488.92
03 year 24 hour	OUTFALL	39.2506	488.92
03 year 24 hour	OUTFALL	39.5025	488.92
03 year 24 hour	OUTFALL	39.7566	488.92
03 year 24 hour	OUTFALL	40.0064	488.92
03 year 24 hour	OUTFALL	40.2564	488.92
03 year 24 hour	OUTFALL	40.5064	488.92
03 year 24 hour	OUTFALL	40.7564	488.92
03 year 24 hour	OUTFALL	41.0064	488.92
03 year 24 hour	OUTFALL	41.2564	488.92
03 year 24 hour	OUTFALL	41.5064	488.92
03 year 24 hour	OUTFALL	41.7501	488.92

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	42.0006	488.92
03 year 24 hour	OUTFALL	42.2510	488.92
03 year 24 hour	OUTFALL	42.5032	488.92
03 year 24 hour	OUTFALL	42.7545	488.92
03 year 24 hour	OUTFALL	43.0032	488.92
03 year 24 hour	OUTFALL	43.2502	488.92
03 year 24 hour	OUTFALL	43.5008	488.92
03 year 24 hour	OUTFALL	43.7523	488.92
03 year 24 hour	OUTFALL	44.0042	488.92
03 year 24 hour	OUTFALL	44.2519	488.92
03 year 24 hour	OUTFALL	44.5004	488.92
03 year 24 hour	OUTFALL	44.7517	488.92
03 year 24 hour	OUTFALL	45.0032	488.92
03 year 24 hour	OUTFALL	45.2559	488.92
03 year 24 hour	OUTFALL	45.5059	488.92
03 year 24 hour	OUTFALL	45.7559	488.92
03 year 24 hour	OUTFALL	46.0059	488.92
03 year 24 hour	OUTFALL	46.2559	488.92
03 year 24 hour	OUTFALL	46.5059	488.92
03 year 24 hour	OUTFALL	46.7559	488.92
03 year 24 hour	OUTFALL	47.0059	488.92
03 year 24 hour	OUTFALL	47.2559	488.92
03 year 24 hour	OUTFALL	47.5059	488.92
03 year 24 hour	OUTFALL	47.7559	488.92
03 year 24 hour	OUTFALL	48.0059	488.92
03 year 24 hour	OUTFALL	48.2559	488.92
03 year 24 hour	OUTFALL	48.5059	488.92
03 year 24 hour	OUTFALL	48.7559	488.92
03 year 24 hour	OUTFALL	49.0059	488.92
03 year 24 hour	OUTFALL	49.2559	488.92
03 year 24 hour	OUTFALL	49.5008	488.92
03 year 24 hour	OUTFALL	49.7509	488.92
03 year 24 hour	OUTFALL	50.0029	488.92
03 year 24 hour	OUTFALL	50.2567	488.92
03 year 24 hour	OUTFALL	50.5067	488.92
03 year 24 hour	OUTFALL	50.7567	488.92
03 year 24 hour	OUTFALL	51.0067	488.92
03 year 24 hour	OUTFALL	51.2500	488.92
03 year 24 hour	OUTFALL	51.5022	488.92
03 year 24 hour	OUTFALL	51.7502	488.92
03 year 24 hour	OUTFALL	52.0027	488.92
03 year 24 hour	OUTFALL	52.2527	488.92

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	52.5027	488.92
03 year 24 hour	OUTFALL	52.7527	488.92
03 year 24 hour	OUTFALL	53.0027	488.92
03 year 24 hour	OUTFALL	53.2527	488.92
03 year 24 hour	OUTFALL	53.5027	488.92
03 year 24 hour	OUTFALL	53.7527	488.92
03 year 24 hour	OUTFALL	54.0027	488.92
03 year 24 hour	OUTFALL	54.2527	488.92
03 year 24 hour	OUTFALL	54.5011	488.92
03 year 24 hour	OUTFALL	54.7515	488.92
03 year 24 hour	OUTFALL	55.0023	488.92
03 year 24 hour	OUTFALL	55.2500	488.92
03 year 24 hour	OUTFALL	55.5003	488.92
03 year 24 hour	OUTFALL	55.7543	488.92
03 year 24 hour	OUTFALL	56.0078	488.92
03 year 24 hour	OUTFALL	56.2578	488.92
03 year 24 hour	OUTFALL	56.5078	488.92
03 year 24 hour	OUTFALL	56.7578	488.92
03 year 24 hour	OUTFALL	57.0006	488.92
03 year 24 hour	OUTFALL	57.2508	488.92
03 year 24 hour	OUTFALL	57.5001	488.92
03 year 24 hour	OUTFALL	57.7501	488.92
03 year 24 hour	OUTFALL	58.0006	488.92
03 year 24 hour	OUTFALL	58.2521	488.92
03 year 24 hour	OUTFALL	58.5035	488.92
03 year 24 hour	OUTFALL	58.7535	488.92
03 year 24 hour	OUTFALL	59.0035	488.92
03 year 24 hour	OUTFALL	59.2535	488.92
03 year 24 hour	OUTFALL	59.5035	488.92
03 year 24 hour	OUTFALL	59.7502	488.92
03 year 24 hour	OUTFALL	60.0027	488.92
03 year 24 hour	OUTFALL	60.2517	488.92
03 year 24 hour	OUTFALL	60.5012	488.92
03 year 24 hour	OUTFALL	60.7512	488.92
03 year 24 hour	OUTFALL	61.0012	488.92
03 year 24 hour	OUTFALL	61.2512	488.92
03 year 24 hour	OUTFALL	61.5012	488.92
03 year 24 hour	OUTFALL	61.7512	488.92
03 year 24 hour	OUTFALL	62.0012	488.92
03 year 24 hour	OUTFALL	62.2512	488.92
03 year 24 hour	OUTFALL	62.5012	488.92
03 year 24 hour	OUTFALL	62.7512	488.92

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03 year 24 hour	OUTFALL	63.0012	488.92
03 year 24 hour	OUTFALL	63.2512	488.92
03 year 24 hour	OUTFALL	63.5012	488.92
03 year 24 hour	OUTFALL	63.7512	488.92
03 year 24 hour	OUTFALL	64.0012	488.92
03 year 24 hour	OUTFALL	64.2512	488.92
03 year 24 hour	OUTFALL	64.5012	488.92
03 year 24 hour	OUTFALL	64.7512	488.92
03 year 24 hour	OUTFALL	65.0006	488.92
03 year 24 hour	OUTFALL	65.2505	488.92
03 year 24 hour	OUTFALL	65.5039	488.92
03 year 24 hour	OUTFALL	65.7538	488.92
03 year 24 hour	OUTFALL	66.0038	488.92
03 year 24 hour	OUTFALL	66.2538	488.92
03 year 24 hour	OUTFALL	66.5025	488.92
03 year 24 hour	OUTFALL	66.7521	488.92
03 year 24 hour	OUTFALL	67.0054	488.92
03 year 24 hour	OUTFALL	67.2508	488.92
03 year 24 hour	OUTFALL	67.5058	488.92
03 year 24 hour	OUTFALL	67.7500	488.92
03 year 24 hour	OUTFALL	68.0011	488.92
03 year 24 hour	OUTFALL	68.2516	488.92
03 year 24 hour	OUTFALL	68.5008	488.92
03 year 24 hour	OUTFALL	68.7511	488.92
03 year 24 hour	OUTFALL	69.0059	488.92
03 year 24 hour	OUTFALL	69.2559	488.92
03 year 24 hour	OUTFALL	69.5059	488.92
03 year 24 hour	OUTFALL	69.7559	488.92
03 year 24 hour	OUTFALL	70.0059	488.92
03 year 24 hour	OUTFALL	70.2559	488.92
03 year 24 hour	OUTFALL	70.5059	488.92
03 year 24 hour	OUTFALL	70.7559	488.92
03 year 24 hour	OUTFALL	71.0059	488.92
03 year 24 hour	OUTFALL	71.2559	488.92
03 year 24 hour	OUTFALL	71.5010	488.92
03 year 24 hour	OUTFALL	71.7523	488.92
05-year 24 hour	OUTFALL	0.0000	0.00
05-year 24 hour	OUTFALL	0.2502	0.15
05-year 24 hour	OUTFALL	0.5000	0.16
05-year 24 hour	OUTFALL	0.7507	0.16
05-year 24 hour	OUTFALL	1.0001	0.16
05-year 24 hour	OUTFALL	1.2530	0.16

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	1.5000	0.16
05-year 24 hour	OUTFALL	1.7509	0.16
05-year 24 hour	OUTFALL	2.0019	0.16
05-year 24 hour	OUTFALL	2.2542	0.16
05-year 24 hour	OUTFALL	2.5008	0.16
05-year 24 hour	OUTFALL	2.7517	0.16
05-year 24 hour	OUTFALL	3.0005	0.16
05-year 24 hour	OUTFALL	3.2513	0.16
05-year 24 hour	OUTFALL	3.5014	0.16
05-year 24 hour	OUTFALL	3.7506	0.16
05-year 24 hour	OUTFALL	4.0001	0.16
05-year 24 hour	OUTFALL	4.2500	0.17
05-year 24 hour	OUTFALL	4.5001	0.20
05-year 24 hour	OUTFALL	4.7501	0.28
05-year 24 hour	OUTFALL	5.0001	0.40
05-year 24 hour	OUTFALL	5.2501	0.58
05-year 24 hour	OUTFALL	5.5000	0.86
05-year 24 hour	OUTFALL	5.7500	1.25
05-year 24 hour	OUTFALL	6.0000	1.78
05-year 24 hour	OUTFALL	6.2500	2.45
05-year 24 hour	OUTFALL	6.5000	3.30
05-year 24 hour	OUTFALL	6.7500	4.33
05-year 24 hour	OUTFALL	7.0000	5.54
05-year 24 hour	OUTFALL	7.2500	6.96
05-year 24 hour	OUTFALL	7.5000	8.57
05-year 24 hour	OUTFALL	7.7500	10.38
05-year 24 hour	OUTFALL	8.0000	12.39
05-year 24 hour	OUTFALL	8.2500	14.61
05-year 24 hour	OUTFALL	8.5000	17.07
05-year 24 hour	OUTFALL	8.7500	19.82
05-year 24 hour	OUTFALL	9.0000	22.78
05-year 24 hour	OUTFALL	9.2500	25.92
05-year 24 hour	OUTFALL	9.5000	29.15
05-year 24 hour	OUTFALL	9.7500	32.43
05-year 24 hour	OUTFALL	10.0000	35.78
05-year 24 hour	OUTFALL	10.2500	39.20
05-year 24 hour	OUTFALL	10.5000	42.71
05-year 24 hour	OUTFALL	10.7500	46.34
05-year 24 hour	OUTFALL	11.0000	50.08
05-year 24 hour	OUTFALL	11.2500	53.95
05-year 24 hour	OUTFALL	11.5000	57.97
05-year 24 hour	OUTFALL	11.7500	62.14

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	12.0000	66.48
05-year 24 hour	OUTFALL	12.2501	70.98
05-year 24 hour	OUTFALL	12.5001	75.66
05-year 24 hour	OUTFALL	12.7501	80.52
05-year 24 hour	OUTFALL	13.0002	85.54
05-year 24 hour	OUTFALL	13.2501	90.72
05-year 24 hour	OUTFALL	13.5001	96.06
05-year 24 hour	OUTFALL	13.7501	101.55
05-year 24 hour	OUTFALL	14.0001	107.15
05-year 24 hour	OUTFALL	14.2500	112.86
05-year 24 hour	OUTFALL	14.5000	118.67
05-year 24 hour	OUTFALL	14.7501	124.56
05-year 24 hour	OUTFALL	15.0006	130.53
05-year 24 hour	OUTFALL	15.2503	136.56
05-year 24 hour	OUTFALL	15.5002	142.66
05-year 24 hour	OUTFALL	15.7517	148.86
05-year 24 hour	OUTFALL	16.0008	155.06
05-year 24 hour	OUTFALL	16.2500	161.31
05-year 24 hour	OUTFALL	16.5023	167.70
05-year 24 hour	OUTFALL	16.7515	174.05
05-year 24 hour	OUTFALL	17.0010	180.45
05-year 24 hour	OUTFALL	17.2500	186.89
05-year 24 hour	OUTFALL	17.5012	193.41
05-year 24 hour	OUTFALL	17.7506	199.92
05-year 24 hour	OUTFALL	18.0004	206.47
05-year 24 hour	OUTFALL	18.2519	213.09
05-year 24 hour	OUTFALL	18.5011	219.68
05-year 24 hour	OUTFALL	18.7528	226.36
05-year 24 hour	OUTFALL	19.0022	233.00
05-year 24 hour	OUTFALL	19.2515	239.66
05-year 24 hour	OUTFALL	19.5031	246.41
05-year 24 hour	OUTFALL	19.7515	253.09
05-year 24 hour	OUTFALL	20.0025	259.86
05-year 24 hour	OUTFALL	20.2533	266.63
05-year 24 hour	OUTFALL	20.5024	273.38
05-year 24 hour	OUTFALL	20.7514	280.14
05-year 24 hour	OUTFALL	21.0010	286.93
05-year 24 hour	OUTFALL	21.2511	293.74
05-year 24 hour	OUTFALL	21.5005	300.54
05-year 24 hour	OUTFALL	21.7508	307.38
05-year 24 hour	OUTFALL	22.0040	314.29
05-year 24 hour	OUTFALL	22.2527	321.10

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	22.5022	327.92
05-year 24 hour	OUTFALL	22.7522	334.76
05-year 24 hour	OUTFALL	23.0022	341.60
05-year 24 hour	OUTFALL	23.2522	348.44
05-year 24 hour	OUTFALL	23.5022	355.27
05-year 24 hour	OUTFALL	23.7522	362.09
05-year 24 hour	OUTFALL	24.0022	368.90
05-year 24 hour	OUTFALL	24.2522	375.70
05-year 24 hour	OUTFALL	24.5022	382.49
05-year 24 hour	OUTFALL	24.7522	389.26
05-year 24 hour	OUTFALL	25.0022	396.01
05-year 24 hour	OUTFALL	25.2522	402.75
05-year 24 hour	OUTFALL	25.5022	409.46
05-year 24 hour	OUTFALL	25.7522	416.15
05-year 24 hour	OUTFALL	26.0022	422.81
05-year 24 hour	OUTFALL	26.2522	429.44
05-year 24 hour	OUTFALL	26.5022	436.03
05-year 24 hour	OUTFALL	26.7522	442.60
05-year 24 hour	OUTFALL	27.0022	449.13
05-year 24 hour	OUTFALL	27.2522	455.62
05-year 24 hour	OUTFALL	27.5022	462.06
05-year 24 hour	OUTFALL	27.7522	468.47
05-year 24 hour	OUTFALL	28.0022	474.83
05-year 24 hour	OUTFALL	28.2522	481.14
05-year 24 hour	OUTFALL	28.5022	487.39
05-year 24 hour	OUTFALL	28.7522	493.59
05-year 24 hour	OUTFALL	29.0022	499.74
05-year 24 hour	OUTFALL	29.2522	505.82
05-year 24 hour	OUTFALL	29.5022	511.84
05-year 24 hour	OUTFALL	29.7522	517.80
05-year 24 hour	OUTFALL	30.0022	523.68
05-year 24 hour	OUTFALL	30.2522	529.49
05-year 24 hour	OUTFALL	30.5013	535.19
05-year 24 hour	OUTFALL	30.7564	540.94
05-year 24 hour	OUTFALL	31.0002	546.34
05-year 24 hour	OUTFALL	31.2526	551.81
05-year 24 hour	OUTFALL	31.5003	557.06
05-year 24 hour	OUTFALL	31.7522	562.27
05-year 24 hour	OUTFALL	32.0034	567.33
05-year 24 hour	OUTFALL	32.2514	572.19
05-year 24 hour	OUTFALL	32.5016	576.95
05-year 24 hour	OUTFALL	32.7526	581.58

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	33.0008	586.02
05-year 24 hour	OUTFALL	33.2510	590.33
05-year 24 hour	OUTFALL	33.5013	594.48
05-year 24 hour	OUTFALL	33.7504	598.44
05-year 24 hour	OUTFALL	34.0001	602.23
05-year 24 hour	OUTFALL	34.2508	605.86
05-year 24 hour	OUTFALL	34.5013	609.30
05-year 24 hour	OUTFALL	34.7500	611.82
05-year 24 hour	OUTFALL	35.0000	611.89
05-year 24 hour	OUTFALL	35.2500	611.94
05-year 24 hour	OUTFALL	35.5001	611.98
05-year 24 hour	OUTFALL	35.7501	612.02
05-year 24 hour	OUTFALL	36.0001	612.05
05-year 24 hour	OUTFALL	36.2500	612.07
05-year 24 hour	OUTFALL	36.5001	612.08
05-year 24 hour	OUTFALL	36.7500	612.10
05-year 24 hour	OUTFALL	37.0003	612.11
05-year 24 hour	OUTFALL	37.2500	612.12
05-year 24 hour	OUTFALL	37.5000	612.12
05-year 24 hour	OUTFALL	37.7502	612.12
05-year 24 hour	OUTFALL	38.0001	612.13
05-year 24 hour	OUTFALL	38.2506	612.13
05-year 24 hour	OUTFALL	38.5000	612.13
05-year 24 hour	OUTFALL	38.7507	612.13
05-year 24 hour	OUTFALL	39.0053	612.13
05-year 24 hour	OUTFALL	39.2570	612.13
05-year 24 hour	OUTFALL	39.5070	612.13
05-year 24 hour	OUTFALL	39.7570	612.13
05-year 24 hour	OUTFALL	40.0005	612.13
05-year 24 hour	OUTFALL	40.2512	612.13
05-year 24 hour	OUTFALL	40.5022	612.13
05-year 24 hour	OUTFALL	40.7503	612.13
05-year 24 hour	OUTFALL	41.0024	612.13
05-year 24 hour	OUTFALL	41.2505	612.13
05-year 24 hour	OUTFALL	41.5010	612.13
05-year 24 hour	OUTFALL	41.7520	612.13
05-year 24 hour	OUTFALL	42.0005	612.13
05-year 24 hour	OUTFALL	42.2554	612.13
05-year 24 hour	OUTFALL	42.5008	612.13
05-year 24 hour	OUTFALL	42.7543	612.13
05-year 24 hour	OUTFALL	43.0046	612.13
05-year 24 hour	OUTFALL	43.2546	612.13

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	43.5046	612.13
05-year 24 hour	OUTFALL	43.7546	612.13
05-year 24 hour	OUTFALL	44.0046	612.13
05-year 24 hour	OUTFALL	44.2546	612.13
05-year 24 hour	OUTFALL	44.5017	612.13
05-year 24 hour	OUTFALL	44.7521	612.13
05-year 24 hour	OUTFALL	45.0000	612.13
05-year 24 hour	OUTFALL	45.2529	612.13
05-year 24 hour	OUTFALL	45.5000	612.13
05-year 24 hour	OUTFALL	45.7518	612.13
05-year 24 hour	OUTFALL	46.0007	612.13
05-year 24 hour	OUTFALL	46.2503	612.13
05-year 24 hour	OUTFALL	46.5023	612.13
05-year 24 hour	OUTFALL	46.7525	612.13
05-year 24 hour	OUTFALL	47.0009	612.13
05-year 24 hour	OUTFALL	47.2509	612.13
05-year 24 hour	OUTFALL	47.5009	612.13
05-year 24 hour	OUTFALL	47.7509	612.13
05-year 24 hour	OUTFALL	48.0009	612.13
05-year 24 hour	OUTFALL	48.2517	612.13
05-year 24 hour	OUTFALL	48.5066	612.13
05-year 24 hour	OUTFALL	48.7515	612.13
05-year 24 hour	OUTFALL	49.0015	612.13
05-year 24 hour	OUTFALL	49.2515	612.13
05-year 24 hour	OUTFALL	49.5005	612.13
05-year 24 hour	OUTFALL	49.7518	612.13
05-year 24 hour	OUTFALL	50.0019	612.13
05-year 24 hour	OUTFALL	50.2517	612.13
05-year 24 hour	OUTFALL	50.5044	612.13
05-year 24 hour	OUTFALL	50.7505	612.13
05-year 24 hour	OUTFALL	51.0006	612.13
05-year 24 hour	OUTFALL	51.2533	612.13
05-year 24 hour	OUTFALL	51.5010	612.13
05-year 24 hour	OUTFALL	51.7521	612.13
05-year 24 hour	OUTFALL	52.0069	612.13
05-year 24 hour	OUTFALL	52.2511	612.13
05-year 24 hour	OUTFALL	52.5006	612.13
05-year 24 hour	OUTFALL	52.7512	612.13
05-year 24 hour	OUTFALL	53.0008	612.13
05-year 24 hour	OUTFALL	53.2503	612.13
05-year 24 hour	OUTFALL	53.5006	612.13
05-year 24 hour	OUTFALL	53.7540	612.13

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	54.0079	612.13
05-year 24 hour	OUTFALL	54.2579	612.13
05-year 24 hour	OUTFALL	54.5079	612.13
05-year 24 hour	OUTFALL	54.7579	612.13
05-year 24 hour	OUTFALL	55.0079	612.13
05-year 24 hour	OUTFALL	55.2579	612.13
05-year 24 hour	OUTFALL	55.5079	612.13
05-year 24 hour	OUTFALL	55.7579	612.13
05-year 24 hour	OUTFALL	56.0079	612.13
05-year 24 hour	OUTFALL	56.2579	612.13
05-year 24 hour	OUTFALL	56.5079	612.13
05-year 24 hour	OUTFALL	56.7579	612.13
05-year 24 hour	OUTFALL	57.0079	612.13
05-year 24 hour	OUTFALL	57.2501	612.13
05-year 24 hour	OUTFALL	57.5012	612.13
05-year 24 hour	OUTFALL	57.7550	612.13
05-year 24 hour	OUTFALL	58.0018	612.13
05-year 24 hour	OUTFALL	58.2515	612.13
05-year 24 hour	OUTFALL	58.5020	612.13
05-year 24 hour	OUTFALL	58.7524	612.13
05-year 24 hour	OUTFALL	59.0039	612.13
05-year 24 hour	OUTFALL	59.2539	612.13
05-year 24 hour	OUTFALL	59.5039	612.13
05-year 24 hour	OUTFALL	59.7539	612.13
05-year 24 hour	OUTFALL	60.0039	612.13
05-year 24 hour	OUTFALL	60.2539	612.13
05-year 24 hour	OUTFALL	60.5039	612.13
05-year 24 hour	OUTFALL	60.7539	612.13
05-year 24 hour	OUTFALL	61.0039	612.13
05-year 24 hour	OUTFALL	61.2539	612.13
05-year 24 hour	OUTFALL	61.5039	612.13
05-year 24 hour	OUTFALL	61.7539	612.13
05-year 24 hour	OUTFALL	62.0039	612.13
05-year 24 hour	OUTFALL	62.2539	612.13
05-year 24 hour	OUTFALL	62.5039	612.13
05-year 24 hour	OUTFALL	62.7539	612.13
05-year 24 hour	OUTFALL	63.0023	612.13
05-year 24 hour	OUTFALL	63.2533	612.13
05-year 24 hour	OUTFALL	63.5009	612.13
05-year 24 hour	OUTFALL	63.7531	612.13
05-year 24 hour	OUTFALL	64.0002	612.13
05-year 24 hour	OUTFALL	64.2547	612.13

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
05-year 24 hour	OUTFALL	64.5068	612.13
05-year 24 hour	OUTFALL	64.7568	612.13
05-year 24 hour	OUTFALL	65.0002	612.13
05-year 24 hour	OUTFALL	65.2543	612.13
05-year 24 hour	OUTFALL	65.5001	612.13
05-year 24 hour	OUTFALL	65.7524	612.13
05-year 24 hour	OUTFALL	66.0033	612.13
05-year 24 hour	OUTFALL	66.2544	612.13
05-year 24 hour	OUTFALL	66.5044	612.13
05-year 24 hour	OUTFALL	66.7544	612.13
05-year 24 hour	OUTFALL	67.0044	612.13
05-year 24 hour	OUTFALL	67.2544	612.13
05-year 24 hour	OUTFALL	67.5044	612.13
05-year 24 hour	OUTFALL	67.7507	612.13
05-year 24 hour	OUTFALL	68.0030	612.13
05-year 24 hour	OUTFALL	68.2514	612.13
05-year 24 hour	OUTFALL	68.5003	612.13
05-year 24 hour	OUTFALL	68.7531	612.13
05-year 24 hour	OUTFALL	69.0015	612.13
05-year 24 hour	OUTFALL	69.2516	612.13
05-year 24 hour	OUTFALL	69.5029	612.13
05-year 24 hour	OUTFALL	69.7502	612.13
05-year 24 hour	OUTFALL	70.0016	612.13
05-year 24 hour	OUTFALL	70.2541	612.13
05-year 24 hour	OUTFALL	70.5023	612.13
05-year 24 hour	OUTFALL	70.7501	612.13
05-year 24 hour	OUTFALL	71.0016	612.13
05-year 24 hour	OUTFALL	71.2516	612.13
05-year 24 hour	OUTFALL	71.5004	612.13
05-year 24 hour	OUTFALL	71.7504	612.13
10 year 24 hours	OUTFALL	0.0000	0.00
10 year 24 hours	OUTFALL	0.2502	0.15
10 year 24 hours	OUTFALL	0.5012	0.16
10 year 24 hours	OUTFALL	0.7502	0.16
10 year 24 hours	OUTFALL	1.0009	0.16
10 year 24 hours	OUTFALL	1.2507	0.16
10 year 24 hours	OUTFALL	1.5010	0.16
10 year 24 hours	OUTFALL	1.7517	0.16
10 year 24 hours	OUTFALL	2.0047	0.16
10 year 24 hours	OUTFALL	2.2501	0.16
10 year 24 hours	OUTFALL	2.5013	0.16
10 year 24 hours	OUTFALL	2.7514	0.16

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	3.0007	0.16
10 year 24 hours	OUTFALL	3.2507	0.16
10 year 24 hours	OUTFALL	3.5001	0.16
10 year 24 hours	OUTFALL	3.7501	0.17
10 year 24 hours	OUTFALL	4.0001	0.20
10 year 24 hours	OUTFALL	4.2500	0.29
10 year 24 hours	OUTFALL	4.5000	0.43
10 year 24 hours	OUTFALL	4.7500	0.67
10 year 24 hours	OUTFALL	5.0000	1.00
10 year 24 hours	OUTFALL	5.2500	1.46
10 year 24 hours	OUTFALL	5.5000	2.07
10 year 24 hours	OUTFALL	5.7500	2.86
10 year 24 hours	OUTFALL	6.0000	3.86
10 year 24 hours	OUTFALL	6.2500	5.09
10 year 24 hours	OUTFALL	6.5000	6.56
10 year 24 hours	OUTFALL	6.7500	8.30
10 year 24 hours	OUTFALL	7.0000	10.29
10 year 24 hours	OUTFALL	7.2500	12.55
10 year 24 hours	OUTFALL	7.5000	15.08
10 year 24 hours	OUTFALL	7.7500	17.87
10 year 24 hours	OUTFALL	8.0000	20.82
10 year 24 hours	OUTFALL	8.2500	23.92
10 year 24 hours	OUTFALL	8.5000	27.15
10 year 24 hours	OUTFALL	8.7500	30.41
10 year 24 hours	OUTFALL	9.0000	33.73
10 year 24 hours	OUTFALL	9.2500	37.13
10 year 24 hours	OUTFALL	9.5000	40.62
10 year 24 hours	OUTFALL	9.7500	44.23
10 year 24 hours	OUTFALL	10.0000	47.95
10 year 24 hours	OUTFALL	10.2500	51.81
10 year 24 hours	OUTFALL	10.5000	55.81
10 year 24 hours	OUTFALL	10.7500	59.97
10 year 24 hours	OUTFALL	11.0000	64.28
10 year 24 hours	OUTFALL	11.2500	68.75
10 year 24 hours	OUTFALL	11.5000	73.40
10 year 24 hours	OUTFALL	11.7502	78.22
10 year 24 hours	OUTFALL	12.0001	83.22
10 year 24 hours	OUTFALL	12.2500	88.42
10 year 24 hours	OUTFALL	12.5001	93.80
10 year 24 hours	OUTFALL	12.7501	99.37
10 year 24 hours	OUTFALL	13.0002	105.09
10 year 24 hours	OUTFALL	13.2514	110.97

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	13.5007	116.92
10 year 24 hours	OUTFALL	13.7504	122.99
10 year 24 hours	OUTFALL	14.0013	129.19
10 year 24 hours	OUTFALL	14.2508	135.45
10 year 24 hours	OUTFALL	14.5006	141.80
10 year 24 hours	OUTFALL	14.7503	148.23
10 year 24 hours	OUTFALL	15.0009	154.76
10 year 24 hours	OUTFALL	15.2522	161.37
10 year 24 hours	OUTFALL	15.5012	167.98
10 year 24 hours	OUTFALL	15.7502	174.65
10 year 24 hours	OUTFALL	16.0001	181.40
10 year 24 hours	OUTFALL	16.2502	188.21
10 year 24 hours	OUTFALL	16.5009	195.08
10 year 24 hours	OUTFALL	16.7512	201.99
10 year 24 hours	OUTFALL	17.0017	208.95
10 year 24 hours	OUTFALL	17.2504	215.90
10 year 24 hours	OUTFALL	17.5026	222.99
10 year 24 hours	OUTFALL	17.7535	230.08
10 year 24 hours	OUTFALL	18.0030	237.16
10 year 24 hours	OUTFALL	18.2515	244.25
10 year 24 hours	OUTFALL	18.5009	251.39
10 year 24 hours	OUTFALL	18.7516	258.59
10 year 24 hours	OUTFALL	19.0009	265.79
10 year 24 hours	OUTFALL	19.2538	273.11
10 year 24 hours	OUTFALL	19.5021	280.33
10 year 24 hours	OUTFALL	19.7508	287.58
10 year 24 hours	OUTFALL	20.0042	294.98
10 year 24 hours	OUTFALL	20.2507	302.21
10 year 24 hours	OUTFALL	20.5006	309.56
10 year 24 hours	OUTFALL	20.7535	317.01
10 year 24 hours	OUTFALL	21.0033	324.39
10 year 24 hours	OUTFALL	21.2502	331.70
10 year 24 hours	OUTFALL	21.5046	339.24
10 year 24 hours	OUTFALL	21.7528	346.61
10 year 24 hours	OUTFALL	22.0043	354.09
10 year 24 hours	OUTFALL	22.2531	361.50
10 year 24 hours	OUTFALL	22.5040	368.98
10 year 24 hours	OUTFALL	22.7541	376.44
10 year 24 hours	OUTFALL	23.0041	383.91
10 year 24 hours	OUTFALL	23.2541	391.37
10 year 24 hours	OUTFALL	23.5041	398.83
10 year 24 hours	OUTFALL	23.7541	406.29

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	24.0041	413.75
10 year 24 hours	OUTFALL	24.2541	421.20
10 year 24 hours	OUTFALL	24.5041	428.65
10 year 24 hours	OUTFALL	24.7541	436.09
10 year 24 hours	OUTFALL	25.0041	443.51
10 year 24 hours	OUTFALL	25.2541	450.92
10 year 24 hours	OUTFALL	25.5041	458.32
10 year 24 hours	OUTFALL	25.7541	465.70
10 year 24 hours	OUTFALL	26.0041	473.07
10 year 24 hours	OUTFALL	26.2541	480.41
10 year 24 hours	OUTFALL	26.5041	487.73
10 year 24 hours	OUTFALL	26.7541	495.03
10 year 24 hours	OUTFALL	27.0041	502.31
10 year 24 hours	OUTFALL	27.2541	509.56
10 year 24 hours	OUTFALL	27.5041	516.78
10 year 24 hours	OUTFALL	27.7541	523.98
10 year 24 hours	OUTFALL	28.0041	531.15
10 year 24 hours	OUTFALL	28.2541	538.28
10 year 24 hours	OUTFALL	28.5041	545.39
10 year 24 hours	OUTFALL	28.7541	552.46
10 year 24 hours	OUTFALL	29.0041	559.50
10 year 24 hours	OUTFALL	29.2541	566.50
10 year 24 hours	OUTFALL	29.5041	573.47
10 year 24 hours	OUTFALL	29.7541	580.39
10 year 24 hours	OUTFALL	30.0041	587.29
10 year 24 hours	OUTFALL	30.2541	594.14
10 year 24 hours	OUTFALL	30.5041	600.95
10 year 24 hours	OUTFALL	30.7541	607.72
10 year 24 hours	OUTFALL	31.0041	614.44
10 year 24 hours	OUTFALL	31.2541	621.13
10 year 24 hours	OUTFALL	31.5041	627.76
10 year 24 hours	OUTFALL	31.7541	634.35
10 year 24 hours	OUTFALL	32.0041	640.88
10 year 24 hours	OUTFALL	32.2541	647.37
10 year 24 hours	OUTFALL	32.5041	653.79
10 year 24 hours	OUTFALL	32.7541	660.17
10 year 24 hours	OUTFALL	33.0041	666.48
10 year 24 hours	OUTFALL	33.2541	672.73
10 year 24 hours	OUTFALL	33.5041	678.91
10 year 24 hours	OUTFALL	33.7541	685.02
10 year 24 hours	OUTFALL	34.0041	691.06
10 year 24 hours	OUTFALL	34.2541	697.02

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	34.5024	702.87
10 year 24 hours	OUTFALL	34.7508	708.63
10 year 24 hours	OUTFALL	35.0027	714.39
10 year 24 hours	OUTFALL	35.2544	720.03
10 year 24 hours	OUTFALL	35.5022	725.47
10 year 24 hours	OUTFALL	35.7527	730.84
10 year 24 hours	OUTFALL	36.0010	736.03
10 year 24 hours	OUTFALL	36.2532	741.16
10 year 24 hours	OUTFALL	36.5030	746.09
10 year 24 hours	OUTFALL	36.7510	750.85
10 year 24 hours	OUTFALL	37.0011	755.49
10 year 24 hours	OUTFALL	37.2505	759.97
10 year 24 hours	OUTFALL	37.5008	764.30
10 year 24 hours	OUTFALL	37.7503	768.44
10 year 24 hours	OUTFALL	38.0000	772.41
10 year 24 hours	OUTFALL	38.2511	776.22
10 year 24 hours	OUTFALL	38.5005	779.82
10 year 24 hours	OUTFALL	38.7502	783.23
10 year 24 hours	OUTFALL	39.0001	785.38
10 year 24 hours	OUTFALL	39.2500	785.39
10 year 24 hours	OUTFALL	39.5002	785.39
10 year 24 hours	OUTFALL	39.7517	785.39
10 year 24 hours	OUTFALL	40.0033	785.39
10 year 24 hours	OUTFALL	40.2522	785.39
10 year 24 hours	OUTFALL	40.5014	785.39
10 year 24 hours	OUTFALL	40.7538	785.39
10 year 24 hours	OUTFALL	41.0019	785.39
10 year 24 hours	OUTFALL	41.2513	785.39
10 year 24 hours	OUTFALL	41.5017	785.39
10 year 24 hours	OUTFALL	41.7506	785.39
10 year 24 hours	OUTFALL	42.0008	785.39
10 year 24 hours	OUTFALL	42.2541	785.39
10 year 24 hours	OUTFALL	42.5016	785.39
10 year 24 hours	OUTFALL	42.7515	785.39
10 year 24 hours	OUTFALL	43.0060	785.39
10 year 24 hours	OUTFALL	43.2582	785.39
10 year 24 hours	OUTFALL	43.5082	785.39
10 year 24 hours	OUTFALL	43.7582	785.39
10 year 24 hours	OUTFALL	44.0082	785.39
10 year 24 hours	OUTFALL	44.2582	785.39
10 year 24 hours	OUTFALL	44.5082	785.39
10 year 24 hours	OUTFALL	44.7582	785.39

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	45.0082	785.39
10 year 24 hours	OUTFALL	45.2582	785.39
10 year 24 hours	OUTFALL	45.5082	785.39
10 year 24 hours	OUTFALL	45.7582	785.39
10 year 24 hours	OUTFALL	46.0082	785.39
10 year 24 hours	OUTFALL	46.2582	785.39
10 year 24 hours	OUTFALL	46.5082	785.39
10 year 24 hours	OUTFALL	46.7513	785.39
10 year 24 hours	OUTFALL	47.0019	785.39
10 year 24 hours	OUTFALL	47.2551	785.39
10 year 24 hours	OUTFALL	47.5076	785.39
10 year 24 hours	OUTFALL	47.7519	785.39
10 year 24 hours	OUTFALL	48.0011	785.39
10 year 24 hours	OUTFALL	48.2500	785.39
10 year 24 hours	OUTFALL	48.5025	785.39
10 year 24 hours	OUTFALL	48.7510	785.39
10 year 24 hours	OUTFALL	49.0010	785.39
10 year 24 hours	OUTFALL	49.2515	785.39
10 year 24 hours	OUTFALL	49.5025	785.39
10 year 24 hours	OUTFALL	49.7506	785.39
10 year 24 hours	OUTFALL	50.0034	785.39
10 year 24 hours	OUTFALL	50.2537	785.39
10 year 24 hours	OUTFALL	50.5037	785.39
10 year 24 hours	OUTFALL	50.7537	785.39
10 year 24 hours	OUTFALL	51.0037	785.39
10 year 24 hours	OUTFALL	51.2537	785.39
10 year 24 hours	OUTFALL	51.5030	785.39
10 year 24 hours	OUTFALL	51.7510	785.39
10 year 24 hours	OUTFALL	52.0002	785.39
10 year 24 hours	OUTFALL	52.2520	785.39
10 year 24 hours	OUTFALL	52.5027	785.39
10 year 24 hours	OUTFALL	52.7518	785.39
10 year 24 hours	OUTFALL	53.0012	785.39
10 year 24 hours	OUTFALL	53.2512	785.39
10 year 24 hours	OUTFALL	53.5012	785.39
10 year 24 hours	OUTFALL	53.7512	785.39
10 year 24 hours	OUTFALL	54.0012	785.39
10 year 24 hours	OUTFALL	54.2506	785.39
10 year 24 hours	OUTFALL	54.5002	785.39
10 year 24 hours	OUTFALL	54.7520	785.39
10 year 24 hours	OUTFALL	55.0032	785.39
10 year 24 hours	OUTFALL	55.2502	785.39

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	55.5011	785.39
10 year 24 hours	OUTFALL	55.7508	785.39
10 year 24 hours	OUTFALL	56.0003	785.39
10 year 24 hours	OUTFALL	56.2514	785.39
10 year 24 hours	OUTFALL	56.5005	785.39
10 year 24 hours	OUTFALL	56.7500	785.39
10 year 24 hours	OUTFALL	57.0053	785.39
10 year 24 hours	OUTFALL	57.2553	785.39
10 year 24 hours	OUTFALL	57.5053	785.39
10 year 24 hours	OUTFALL	57.7553	785.39
10 year 24 hours	OUTFALL	58.0053	785.39
10 year 24 hours	OUTFALL	58.2500	785.39
10 year 24 hours	OUTFALL	58.5003	785.39
10 year 24 hours	OUTFALL	58.7505	785.39
10 year 24 hours	OUTFALL	59.0028	785.39
10 year 24 hours	OUTFALL	59.2579	785.39
10 year 24 hours	OUTFALL	59.5079	785.39
10 year 24 hours	OUTFALL	59.7523	785.39
10 year 24 hours	OUTFALL	60.0009	785.39
10 year 24 hours	OUTFALL	60.2550	785.39
10 year 24 hours	OUTFALL	60.5050	785.39
10 year 24 hours	OUTFALL	60.7501	785.39
10 year 24 hours	OUTFALL	61.0009	785.39
10 year 24 hours	OUTFALL	61.2507	785.39
10 year 24 hours	OUTFALL	61.5015	785.39
10 year 24 hours	OUTFALL	61.7511	785.39
10 year 24 hours	OUTFALL	62.0008	785.39
10 year 24 hours	OUTFALL	62.2502	785.39
10 year 24 hours	OUTFALL	62.5001	785.39
10 year 24 hours	OUTFALL	62.7516	785.39
10 year 24 hours	OUTFALL	63.0059	785.39
10 year 24 hours	OUTFALL	63.2516	785.39
10 year 24 hours	OUTFALL	63.5016	785.39
10 year 24 hours	OUTFALL	63.7509	785.39
10 year 24 hours	OUTFALL	64.0020	785.39
10 year 24 hours	OUTFALL	64.2532	785.39
10 year 24 hours	OUTFALL	64.5028	785.39
10 year 24 hours	OUTFALL	64.7512	785.39
10 year 24 hours	OUTFALL	65.0023	785.39
10 year 24 hours	OUTFALL	65.2546	785.39
10 year 24 hours	OUTFALL	65.5018	785.39
10 year 24 hours	OUTFALL	65.7519	785.39

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
10 year 24 hours	OUTFALL	66.0009	785.39
10 year 24 hours	OUTFALL	66.2503	785.39
10 year 24 hours	OUTFALL	66.5006	785.39
10 year 24 hours	OUTFALL	66.7526	785.39
10 year 24 hours	OUTFALL	67.0040	785.39
10 year 24 hours	OUTFALL	67.2507	785.39
10 year 24 hours	OUTFALL	67.5014	785.39
10 year 24 hours	OUTFALL	67.7522	785.39
10 year 24 hours	OUTFALL	68.0024	785.39
10 year 24 hours	OUTFALL	68.2514	785.39
10 year 24 hours	OUTFALL	68.5027	785.39
10 year 24 hours	OUTFALL	68.7506	785.39
10 year 24 hours	OUTFALL	69.0012	785.39
10 year 24 hours	OUTFALL	69.2554	785.39
10 year 24 hours	OUTFALL	69.5009	785.39
10 year 24 hours	OUTFALL	69.7539	785.39
10 year 24 hours	OUTFALL	70.0017	785.39
10 year 24 hours	OUTFALL	70.2538	785.39
10 year 24 hours	OUTFALL	70.5027	785.39
10 year 24 hours	OUTFALL	70.7508	785.39
10 year 24 hours	OUTFALL	71.0003	785.39
10 year 24 hours	OUTFALL	71.2506	785.39
10 year 24 hours	OUTFALL	71.5014	785.39
10 year 24 hours	OUTFALL	71.7567	785.39
25 year 72 hours	OUTFALL	0.0000	0.00
25 year 72 hours	OUTFALL	0.2507	0.15
25 year 72 hours	OUTFALL	0.5000	0.16
25 year 72 hours	OUTFALL	0.7500	0.16
25 year 72 hours	OUTFALL	1.0005	0.16
25 year 72 hours	OUTFALL	1.2501	0.16
25 year 72 hours	OUTFALL	1.5001	0.16
25 year 72 hours	OUTFALL	1.7551	0.16
25 year 72 hours	OUTFALL	2.0051	0.16
25 year 72 hours	OUTFALL	2.2551	0.16
25 year 72 hours	OUTFALL	2.5051	0.16
25 year 72 hours	OUTFALL	2.7551	0.16
25 year 72 hours	OUTFALL	3.0051	0.16
25 year 72 hours	OUTFALL	3.2551	0.16
25 year 72 hours	OUTFALL	3.5051	0.16
25 year 72 hours	OUTFALL	3.7506	0.16
25 year 72 hours	OUTFALL	4.0021	0.16
25 year 72 hours	OUTFALL	4.2552	0.16

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	4.5007	0.16
25 year 72 hours	OUTFALL	4.7500	0.16
25 year 72 hours	OUTFALL	5.0016	0.16
25 year 72 hours	OUTFALL	5.2544	0.16
25 year 72 hours	OUTFALL	5.5001	0.16
25 year 72 hours	OUTFALL	5.7501	0.16
25 year 72 hours	OUTFALL	6.0001	0.16
25 year 72 hours	OUTFALL	6.2501	0.16
25 year 72 hours	OUTFALL	6.5005	0.16
25 year 72 hours	OUTFALL	6.7504	0.16
25 year 72 hours	OUTFALL	7.0008	0.16
25 year 72 hours	OUTFALL	7.2505	0.16
25 year 72 hours	OUTFALL	7.5015	0.16
25 year 72 hours	OUTFALL	7.7508	0.16
25 year 72 hours	OUTFALL	8.0023	0.16
25 year 72 hours	OUTFALL	8.2501	0.16
25 year 72 hours	OUTFALL	8.5064	0.16
25 year 72 hours	OUTFALL	8.7564	0.16
25 year 72 hours	OUTFALL	9.0002	0.16
25 year 72 hours	OUTFALL	9.2528	0.16
25 year 72 hours	OUTFALL	9.5017	0.16
25 year 72 hours	OUTFALL	9.7506	0.16
25 year 72 hours	OUTFALL	10.0005	0.16
25 year 72 hours	OUTFALL	10.2507	0.16
25 year 72 hours	OUTFALL	10.5004	0.16
25 year 72 hours	OUTFALL	10.7501	0.17
25 year 72 hours	OUTFALL	11.0003	0.18
25 year 72 hours	OUTFALL	11.2504	0.20
25 year 72 hours	OUTFALL	11.5001	0.22
25 year 72 hours	OUTFALL	11.7501	0.25
25 year 72 hours	OUTFALL	12.0000	0.29
25 year 72 hours	OUTFALL	12.2500	0.34
25 year 72 hours	OUTFALL	12.5001	0.40
25 year 72 hours	OUTFALL	12.7501	0.47
25 year 72 hours	OUTFALL	13.0000	0.55
25 year 72 hours	OUTFALL	13.2501	0.65
25 year 72 hours	OUTFALL	13.5000	0.75
25 year 72 hours	OUTFALL	13.7501	0.87
25 year 72 hours	OUTFALL	14.0001	1.00
25 year 72 hours	OUTFALL	14.2500	1.14
25 year 72 hours	OUTFALL	14.5000	1.30
25 year 72 hours	OUTFALL	14.7501	1.47

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	15.0000	1.65
25 year 72 hours	OUTFALL	15.2500	1.84
25 year 72 hours	OUTFALL	15.5000	2.05
25 year 72 hours	OUTFALL	15.7500	2.27
25 year 72 hours	OUTFALL	16.0000	2.51
25 year 72 hours	OUTFALL	16.2500	2.76
25 year 72 hours	OUTFALL	16.5000	3.02
25 year 72 hours	OUTFALL	16.7500	3.29
25 year 72 hours	OUTFALL	17.0000	3.58
25 year 72 hours	OUTFALL	17.2500	3.88
25 year 72 hours	OUTFALL	17.5000	4.19
25 year 72 hours	OUTFALL	17.7500	4.52
25 year 72 hours	OUTFALL	18.0000	4.86
25 year 72 hours	OUTFALL	18.2500	5.22
25 year 72 hours	OUTFALL	18.5000	5.58
25 year 72 hours	OUTFALL	18.7500	5.96
25 year 72 hours	OUTFALL	19.0000	6.36
25 year 72 hours	OUTFALL	19.2500	6.76
25 year 72 hours	OUTFALL	19.5000	7.18
25 year 72 hours	OUTFALL	19.7500	7.61
25 year 72 hours	OUTFALL	20.0000	8.06
25 year 72 hours	OUTFALL	20.2500	8.51
25 year 72 hours	OUTFALL	20.5000	8.98
25 year 72 hours	OUTFALL	20.7500	9.46
25 year 72 hours	OUTFALL	21.0000	9.96
25 year 72 hours	OUTFALL	21.2500	10.46
25 year 72 hours	OUTFALL	21.5000	10.98
25 year 72 hours	OUTFALL	21.7500	11.51
25 year 72 hours	OUTFALL	22.0000	12.05
25 year 72 hours	OUTFALL	22.2500	12.60
25 year 72 hours	OUTFALL	22.5000	13.17
25 year 72 hours	OUTFALL	22.7500	13.74
25 year 72 hours	OUTFALL	23.0000	14.33
25 year 72 hours	OUTFALL	23.2500	14.93
25 year 72 hours	OUTFALL	23.5000	15.54
25 year 72 hours	OUTFALL	23.7500	16.16
25 year 72 hours	OUTFALL	24.0000	16.79
25 year 72 hours	OUTFALL	24.2500	17.43
25 year 72 hours	OUTFALL	24.5000	18.09
25 year 72 hours	OUTFALL	24.7500	18.77
25 year 72 hours	OUTFALL	25.0000	19.48
25 year 72 hours	OUTFALL	25.2500	20.22

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	25.5000	20.99
25 year 72 hours	OUTFALL	25.7500	21.80
25 year 72 hours	OUTFALL	26.0000	22.64
25 year 72 hours	OUTFALL	26.2500	23.52
25 year 72 hours	OUTFALL	26.5000	24.43
25 year 72 hours	OUTFALL	26.7500	25.36
25 year 72 hours	OUTFALL	27.0000	26.33
25 year 72 hours	OUTFALL	27.2500	27.32
25 year 72 hours	OUTFALL	27.5000	28.34
25 year 72 hours	OUTFALL	27.7500	29.38
25 year 72 hours	OUTFALL	28.0000	30.45
25 year 72 hours	OUTFALL	28.2500	31.53
25 year 72 hours	OUTFALL	28.5000	32.65
25 year 72 hours	OUTFALL	28.7500	33.78
25 year 72 hours	OUTFALL	29.0000	34.93
25 year 72 hours	OUTFALL	29.2500	36.10
25 year 72 hours	OUTFALL	29.5000	37.30
25 year 72 hours	OUTFALL	29.7500	38.51
25 year 72 hours	OUTFALL	30.0000	39.74
25 year 72 hours	OUTFALL	30.2500	40.99
25 year 72 hours	OUTFALL	30.5000	42.25
25 year 72 hours	OUTFALL	30.7500	43.54
25 year 72 hours	OUTFALL	31.0000	44.84
25 year 72 hours	OUTFALL	31.2500	46.16
25 year 72 hours	OUTFALL	31.5000	47.49
25 year 72 hours	OUTFALL	31.7500	48.84
25 year 72 hours	OUTFALL	32.0000	50.20
25 year 72 hours	OUTFALL	32.2500	51.58
25 year 72 hours	OUTFALL	32.5000	52.98
25 year 72 hours	OUTFALL	32.7500	54.39
25 year 72 hours	OUTFALL	33.0000	55.82
25 year 72 hours	OUTFALL	33.2500	57.26
25 year 72 hours	OUTFALL	33.5000	58.72
25 year 72 hours	OUTFALL	33.7500	60.18
25 year 72 hours	OUTFALL	34.0000	61.67
25 year 72 hours	OUTFALL	34.2500	63.16
25 year 72 hours	OUTFALL	34.5000	64.67
25 year 72 hours	OUTFALL	34.7500	66.20
25 year 72 hours	OUTFALL	35.0000	67.73
25 year 72 hours	OUTFALL	35.2500	69.28
25 year 72 hours	OUTFALL	35.5000	70.84
25 year 72 hours	OUTFALL	35.7500	72.41

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	36.0000	73.99
25 year 72 hours	OUTFALL	36.2500	75.59
25 year 72 hours	OUTFALL	36.5000	77.19
25 year 72 hours	OUTFALL	36.7500	78.81
25 year 72 hours	OUTFALL	37.0000	80.44
25 year 72 hours	OUTFALL	37.2500	82.08
25 year 72 hours	OUTFALL	37.5000	83.73
25 year 72 hours	OUTFALL	37.7500	85.40
25 year 72 hours	OUTFALL	38.0000	87.07
25 year 72 hours	OUTFALL	38.2500	88.75
25 year 72 hours	OUTFALL	38.5000	90.45
25 year 72 hours	OUTFALL	38.7500	92.16
25 year 72 hours	OUTFALL	39.0000	93.87
25 year 72 hours	OUTFALL	39.2500	95.60
25 year 72 hours	OUTFALL	39.5000	97.34
25 year 72 hours	OUTFALL	39.7500	99.08
25 year 72 hours	OUTFALL	40.0000	100.84
25 year 72 hours	OUTFALL	40.2500	102.60
25 year 72 hours	OUTFALL	40.5000	104.37
25 year 72 hours	OUTFALL	40.7500	106.15
25 year 72 hours	OUTFALL	41.0000	107.94
25 year 72 hours	OUTFALL	41.2500	109.74
25 year 72 hours	OUTFALL	41.5000	111.55
25 year 72 hours	OUTFALL	41.7500	113.36
25 year 72 hours	OUTFALL	42.0000	115.18
25 year 72 hours	OUTFALL	42.2500	117.01
25 year 72 hours	OUTFALL	42.5000	118.85
25 year 72 hours	OUTFALL	42.7500	120.70
25 year 72 hours	OUTFALL	43.0000	122.55
25 year 72 hours	OUTFALL	43.2500	124.42
25 year 72 hours	OUTFALL	43.5000	126.29
25 year 72 hours	OUTFALL	43.7500	128.16
25 year 72 hours	OUTFALL	44.0000	130.05
25 year 72 hours	OUTFALL	44.2500	131.94
25 year 72 hours	OUTFALL	44.5000	133.84
25 year 72 hours	OUTFALL	44.7500	135.74
25 year 72 hours	OUTFALL	45.0000	137.66
25 year 72 hours	OUTFALL	45.2500	139.58
25 year 72 hours	OUTFALL	45.5000	141.50
25 year 72 hours	OUTFALL	45.7500	143.43
25 year 72 hours	OUTFALL	46.0000	145.37
25 year 72 hours	OUTFALL	46.2500	147.32

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	46.5000	149.27
25 year 72 hours	OUTFALL	46.7500	151.22
25 year 72 hours	OUTFALL	47.0000	153.19
25 year 72 hours	OUTFALL	47.2500	155.16
25 year 72 hours	OUTFALL	47.5000	157.13
25 year 72 hours	OUTFALL	47.7500	159.11
25 year 72 hours	OUTFALL	48.0000	161.10
25 year 72 hours	OUTFALL	48.2500	163.09
25 year 72 hours	OUTFALL	48.5000	165.10
25 year 72 hours	OUTFALL	48.7500	167.11
25 year 72 hours	OUTFALL	49.0000	169.15
25 year 72 hours	OUTFALL	49.2500	171.20
25 year 72 hours	OUTFALL	49.5000	173.28
25 year 72 hours	OUTFALL	49.7500	175.37
25 year 72 hours	OUTFALL	50.0000	177.49
25 year 72 hours	OUTFALL	50.2500	179.63
25 year 72 hours	OUTFALL	50.5000	181.80
25 year 72 hours	OUTFALL	50.7500	184.01
25 year 72 hours	OUTFALL	51.0000	186.25
25 year 72 hours	OUTFALL	51.2500	188.54
25 year 72 hours	OUTFALL	51.5000	190.88
25 year 72 hours	OUTFALL	51.7500	193.26
25 year 72 hours	OUTFALL	52.0000	195.71
25 year 72 hours	OUTFALL	52.2500	198.20
25 year 72 hours	OUTFALL	52.5000	200.77
25 year 72 hours	OUTFALL	52.7500	203.42
25 year 72 hours	OUTFALL	53.0000	206.17
25 year 72 hours	OUTFALL	53.2500	209.02
25 year 72 hours	OUTFALL	53.5000	211.94
25 year 72 hours	OUTFALL	53.7500	214.94
25 year 72 hours	OUTFALL	54.0000	218.05
25 year 72 hours	OUTFALL	54.2501	221.25
25 year 72 hours	OUTFALL	54.5001	224.48
25 year 72 hours	OUTFALL	54.7502	227.73
25 year 72 hours	OUTFALL	55.0000	231.02
25 year 72 hours	OUTFALL	55.2500	234.35
25 year 72 hours	OUTFALL	55.5000	237.73
25 year 72 hours	OUTFALL	55.7503	241.17
25 year 72 hours	OUTFALL	56.0000	244.66
25 year 72 hours	OUTFALL	56.2503	248.24
25 year 72 hours	OUTFALL	56.5003	251.88
25 year 72 hours	OUTFALL	56.7502	255.60

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	57.0000	259.40
25 year 72 hours	OUTFALL	57.2500	263.29
25 year 72 hours	OUTFALL	57.5003	267.28
25 year 72 hours	OUTFALL	57.7502	271.37
25 year 72 hours	OUTFALL	58.0001	275.55
25 year 72 hours	OUTFALL	58.2505	279.85
25 year 72 hours	OUTFALL	58.5002	284.24
25 year 72 hours	OUTFALL	58.7500	288.76
25 year 72 hours	OUTFALL	59.0005	293.39
25 year 72 hours	OUTFALL	59.2508	298.15
25 year 72 hours	OUTFALL	59.5001	303.03
25 year 72 hours	OUTFALL	59.7505	308.07
25 year 72 hours	OUTFALL	60.0001	313.31
25 year 72 hours	OUTFALL	60.2505	318.88
25 year 72 hours	OUTFALL	60.5007	324.78
25 year 72 hours	OUTFALL	60.7506	330.98
25 year 72 hours	OUTFALL	61.0010	337.47
25 year 72 hours	OUTFALL	61.2501	344.17
25 year 72 hours	OUTFALL	61.5007	351.12
25 year 72 hours	OUTFALL	61.7501	358.23
25 year 72 hours	OUTFALL	62.0021	365.58
25 year 72 hours	OUTFALL	62.2514	372.99
25 year 72 hours	OUTFALL	62.5019	380.57
25 year 72 hours	OUTFALL	62.7504	388.19
25 year 72 hours	OUTFALL	63.0018	396.00
25 year 72 hours	OUTFALL	63.2505	403.81
25 year 72 hours	OUTFALL	63.5013	411.76
25 year 72 hours	OUTFALL	63.7518	419.77
25 year 72 hours	OUTFALL	64.0008	427.78
25 year 72 hours	OUTFALL	64.2553	436.03
25 year 72 hours	OUTFALL	64.5000	444.01
25 year 72 hours	OUTFALL	64.7535	452.31
25 year 72 hours	OUTFALL	65.0065	460.64
25 year 72 hours	OUTFALL	65.2521	468.75
25 year 72 hours	OUTFALL	65.5021	477.04
25 year 72 hours	OUTFALL	65.7502	485.29
25 year 72 hours	OUTFALL	66.0009	493.65
25 year 72 hours	OUTFALL	66.2501	501.99
25 year 72 hours	OUTFALL	66.5030	510.46
25 year 72 hours	OUTFALL	66.7554	518.93
25 year 72 hours	OUTFALL	67.0032	527.26
25 year 72 hours	OUTFALL	67.2561	535.77

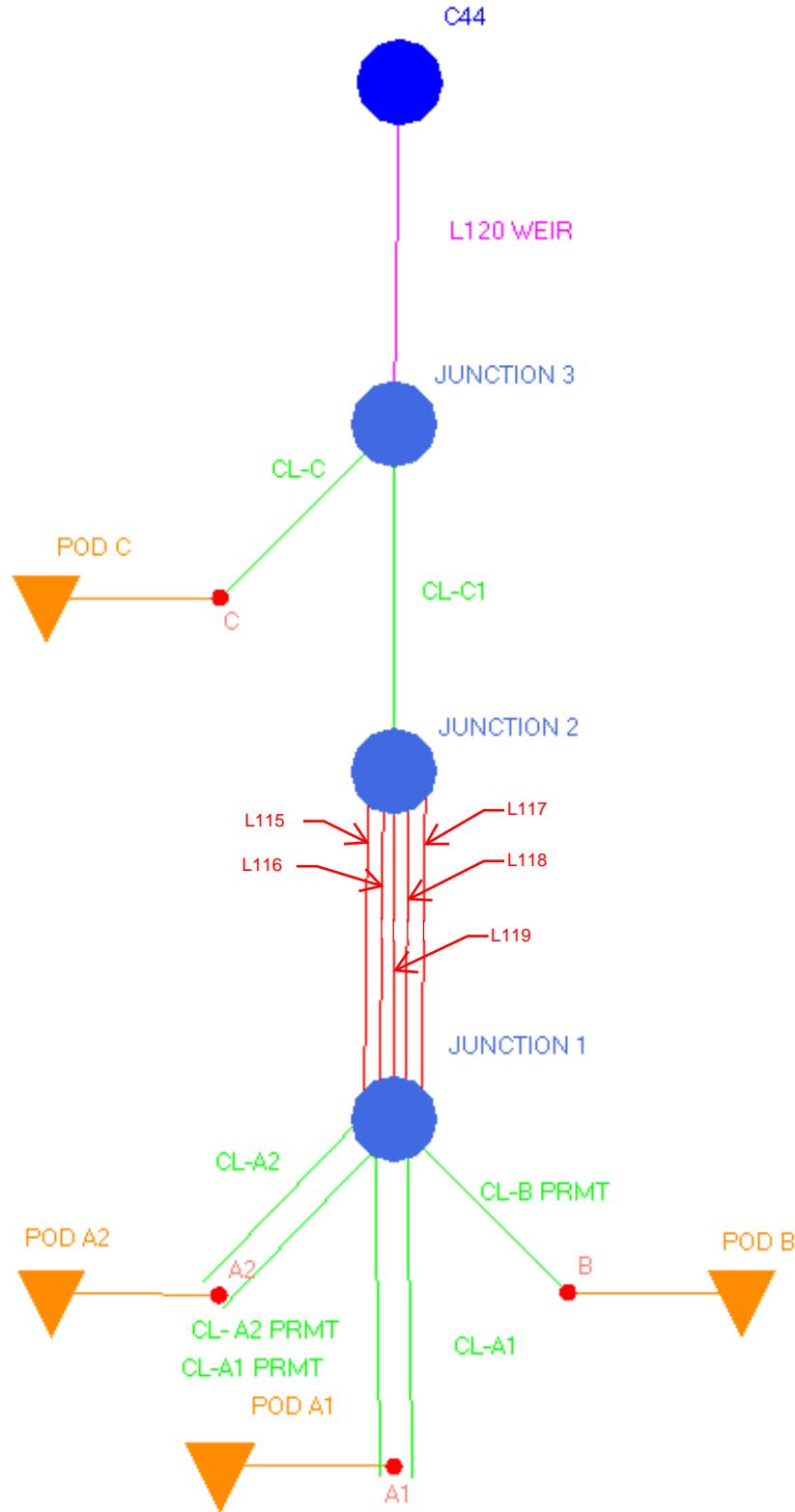
Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	OUTFALL	67.5016	544.05
25 year 72 hours	OUTFALL	67.7522	552.51
25 year 72 hours	OUTFALL	68.0034	561.00
25 year 72 hours	OUTFALL	68.2508	569.37
25 year 72 hours	OUTFALL	68.5028	577.90
25 year 72 hours	OUTFALL	68.7526	586.36
25 year 72 hours	OUTFALL	69.0000	594.74
25 year 72 hours	OUTFALL	69.2506	603.24
25 year 72 hours	OUTFALL	69.5051	611.87
25 year 72 hours	OUTFALL	69.7541	620.31
25 year 72 hours	OUTFALL	70.0064	628.86
25 year 72 hours	OUTFALL	70.2510	637.15
25 year 72 hours	OUTFALL	70.5013	645.63
25 year 72 hours	OUTFALL	70.7524	654.13
25 year 72 hours	OUTFALL	71.0014	662.56
25 year 72 hours	OUTFALL	71.2571	671.20
25 year 72 hours	OUTFALL	71.5065	679.62
25 year 72 hours	OUTFALL	71.7577	688.10

The Ranch PUD

Appendix 4

Post-Development ICPR Report

THE RANCH PUD POST-DEVELOPMENT ICPR NODE MAP



ICPR 1D HYDRAULIC COLOR LEGEND	
SIMPLE BASIN	
STAGE VOLUME NODE	
STAGE AREA NODE	
LINK CHANNEL	
DROP STRUCTURE	
LINK PIPE	

Simulation: 03-year 24 hour

Scenario: MC POST-DEVELOPMENT BLOB
 Run Date/Time: 2/29/2024 1:15:14 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FLMOD
	Rainfall Amount: 5.76 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 100 ft2	Min Node Srf Area 100 ft2
(2D):	(1D):
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 05-year 24 hour

Scenario: MC POST-DEVELOPMENT BLOB
Run Date/Time: 2/29/2024 1:17:46 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight Fact: 0.5 dec
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2
 Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~FLMOD
 Rainfall Amount: 6.75 in
 Storm Duration: 24.0000 hr

 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 10 year 24 hours

Scenario: MC POST-DEVELOPMENT BLOB
 Run Date/Time: 2/29/2024 1:20:04 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	96.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain: Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: ~FLMOD
	Rainfall Amount: 8.11 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100 year72 hours

Scenario: MC POST-DEVELOPMENT BLOB
Run Date/Time: 2/29/2024 1:33:55 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	360.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:
 Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight Fact: 0.5 dec
 dZ Tolerance: 0.0010 ft

 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft

 Edge Length Option: Automatic

 Dflt Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 100 ft2
 Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False

 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: ~SFWMD-72
 Rainfall Amount: 15.60 in
 Storm Duration: 72.0000 hr

 Dflt Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 100 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 25 year 72 hours

Scenario: MC POST-DEVELOPMENT BLOB
 Run Date/Time: 2/29/2024 1:21:45 PM
 Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	360.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		30.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	60.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: ~SFWMD-72
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 12.00 in
	Storm Duration: 72.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2	Min Node Srf Area (1D): 100 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simple Basin: POD A1

Scenario: MC POST-DEVELOPMENT BLOB
 Node: A1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 17.2000 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH256
 Peaking Factor: 256.0
 Area: 1586.4800 ac
 Curve Number: 85.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin: POD A2

Scenario: MC POST-DEVELOPMENT BLOB
 Node: A2

Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.0000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 419.6000 ac
Curve Number: 85.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: POD B

Scenario: MC POST-DEVELOPMENT BLOB
Node: B
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.5000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 1191.4400 ac
Curve Number: 87.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin: POD C

Scenario: MC POST-DEVELOPMENT BLOB
Node: C
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.3000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0

Area: 442.0200 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Node: A1

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.22 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.22	0.00	0
21.72	108.45	4724082
22.22	264.95	11541222
22.72	427.32	18614059
23.17	590.01	25700836
23.22	607.27	26452681
23.72	805.52	35088451
24.22	1031.60	44936496
24.72	1311.43	57125891
25.22	1637.11	71312512
25.72	2008.64	87496358
26.22	2426.02	105677431
26.72	2889.26	125856166
27.22	3398.35	148032126
27.72	3953.29	172205312
28.22	4554.08	198375725
28.72	5200.73	226543799

Comment:

Node: A2

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 21.13 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
21.13	0.00	0
21.63	8.45	368082
22.13	18.00	784080
22.63	28.92	1259755
23.13	41.18	1793801
23.63	54.30	2365308
23.64	54.57	2377069
23.70	56.55	2463318
24.13	101.85	4436586
24.63	228.23	9941699
25.13	403.44	17573846
25.63	607.69	26470976
26.13	812.19	35378996
26.63	1016.69	44287016
27.13	1221.19	53195036
27.63	1425.69	62103056
28.13	1630.19	71011076

Comment:

Node: B

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.55 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.55	0.00	0
21.05	120.61	5253772
21.55	254.78	11098217
22.05	403.89	17593448
22.55	566.35	24670206
22.95	705.91	30749440
23.00	724.25	31548330
23.05	743.23	32375099
23.55	966.01	42079396
23.72	1056.55	46023318
24.05	1251.27	54505321

Comment: Pod B stage and storage

Node: C

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Volume
 Base Flow: 0.00 cfs
 Initial Stage: 20.17 ft
 Warning Stage: 0.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
20.17	0.00	0
20.67	12.42	541015
21.17	27.40	1193544
21.48	37.98	1654409
21.67	44.93	1957151
22.17	64.80	2822688
22.45	76.95	3351942
22.67	90.05	3922578
23.17	164.99	7186964
23.67	304.08	13245725
24.17	497.76	21682426
24.67	710.69	30957656

Comment:

Node: C44

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 12.38 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	12.38
0	0	0	360.0000	12.38

Comment: Outfall node to C44 Canal

Node: JUNCTION 1

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 20.00 ft

Warning Stage: 0.00 ft

Comment: Junction node connecting Kanner Hwy culverts to south project site canals in Pod A1, Pod A2, and Pod B

Node: JUNCTION 2

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 19.98 ft
 Warning Stage: 0.00 ft

Comment: Junction node connecting Kanner Hwy culverts to north project site canals in Pod C.

Node: JUNCTION 3

Scenario: MC POST-DEVELOPMENT
 BLOB
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 19.98 ft
 Warning Stage: 0.00 ft

Comment: Junction node connecting canals in Pod 3 to outfall

Channel Link: CL- A2 PRMT	Upstream	Downstream
Scenario: MC	Invert: 21.13 ft	Invert: 21.00 ft
POST-DEVELOPME	Manning's N: 0.0300	Manning's N: 0.0300
NT BLOB	Geometry: Trapezoidal	Geometry: Trapezoidal
From Node: A2	Max Depth: 2.50 ft	Max Depth: 2.50 ft
To Node: JUNCTION 1	Extrapolation: Normal	Extrapolation: Normal
Link Count: 1	Bottom Width: 7.50 ft	Bottom Width: 7.50 ft
Flow Direction: Both	Left Slope: 0.640 (h:v)	Left Slope: 0.640 (h:v)
Damping: 0.0000 ft	Right Slope: 0.640 (h:v)	Right Slope: 0.640 (h:v)
Length: 7661.00 ft	Bottom Clip	
Contraction Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Expansion Coef: 0.00	Op Table:	Op Table:
Entr Loss Coef: 0.00	Ref Node:	Ref Node:
Exit Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Loss Coef: 0.00	Top Clip	

Bend Location:	0.00 dec	Default:	0.00 ft	Default:	0.00 ft
Energy Switch:	Energy	Op Table:		Op Table:	
		Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Pod A2 perimeter canal

Channel Link: CL-A1		Upstream	Downstream		
Scenario:	MC	Invert:	21.20 ft	Invert:	21.00 ft
	POST-DEVELOPME	Manning's N:	0.0300	Manning's N:	0.0300
	NT BLOB	Geometry:	Trapezoidal	Geometry:	Trapezoidal
From Node:	A1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	JUNCTION 1	Extrapolation:	Normal	Extrapolation:	Normal
Link Count:	1	Bottom Width:	30.00 ft	Bottom Width:	30.00 ft
Flow Direction:	Both	Left Slope:	0.640 (h:v)	Left Slope:	0.640 (h:v)
Damping:	0.0000 ft	Right Slope:	0.640 (h:v)	Right Slope:	0.640 (h:v)
Length:	12138.00 ft	Bottom Clip			
Contraction Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Expansion Coef:	0.00	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip			
Bend Location:	0.00 dec	Default:	0.00 ft	Default:	0.00 ft
Energy Switch:	Energy	Op Table:		Op Table:	
		Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment: Pod A1 center canal

Channel Link: CL-A1 PRMT		Upstream	Downstream		
Scenario:	MC	Invert:	21.20 ft	Invert:	21.00 ft
	POST-DEVELOPME	Manning's N:	0.0300	Manning's N:	0.0300
	NT BLOB	Geometry:	Trapezoidal	Geometry:	Trapezoidal
From Node:	A1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	JUNCTION 1	Extrapolation:	Normal	Extrapolation:	Normal
Link Count:	1	Bottom Width:	7.50 ft	Bottom Width:	7.50 ft
Flow Direction:	Both	Left Slope:	0.640 (h:v)	Left Slope:	0.640 (h:v)
Damping:	0.0000 ft	Right Slope:	0.640 (h:v)	Right Slope:	0.640 (h:v)
Length:	5115.00 ft	Bottom Clip			
Contraction Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Expansion Coef:	0.00	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00	Top Clip			
Bend Location:	0.00 dec	Default:	0.00 ft	Default:	0.00 ft
Energy Switch:	Energy	Op Table:		Op Table:	
		Ref Node:		Ref Node:	

Manning's N: 0.0000

Manning's N: 0.0000

Comment: Pod A1 perimeter canal

Channel Link: CL-A2	Upstream	Downstream
Scenario: MC	Invert: 21.13 ft	Invert: 21.00 ft
POST-DEVELOPME	Manning's N: 0.0300	Manning's N: 0.0300
NT BLOB	Geometry: Trapezoidal	Geometry: Trapezoidal
From Node: A2	Max Depth: 2.50 ft	Max Depth: 2.50 ft
To Node: JUNCTION 1	Extrapolation: Normal	Extrapolation: Normal
Link Count: 1	Bottom Width: 30.00 ft	Bottom Width: 30.00 ft
Flow Direction: Both	Left Slope: 0.640 (h:v)	Left Slope: 0.640 (h:v)
Damping: 0.0000 ft	Right Slope: 0.640 (h:v)	Right Slope: 0.640 (h:v)
Length: 2241.00 ft	Bottom Clip	
Contraction Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Expansion Coef: 0.00	Op Table:	Op Table:
Entr Loss Coef: 0.00	Ref Node:	Ref Node:
Exit Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Loss Coef: 0.00	Top Clip	
Bend Location: 0.00 dec	Default: 0.00 ft	Default: 0.00 ft
Energy Switch: Energy	Op Table:	Op Table:
	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment: Pod A2 center canal

Channel Link: CL-B PRMT	Upstream	Downstream
Scenario: MC	Invert: 20.45 ft	Invert: 20.00 ft
POST-DEVELOPME	Manning's N: 0.0300	Manning's N: 0.0300
NT BLOB	Geometry: Trapezoidal	Geometry: Trapezoidal
From Node: B	Max Depth: 2.50 ft	Max Depth: 2.50 ft
To Node: JUNCTION 1	Extrapolation: Normal	Extrapolation: Normal
Link Count: 1	Bottom Width: 30.00 ft	Bottom Width: 30.00 ft
Flow Direction: Both	Left Slope: 0.640 (h:v)	Left Slope: 0.640 (h:v)
Damping: 0.0000 ft	Right Slope: 0.640 (h:v)	Right Slope: 0.640 (h:v)
Length: 11405.00 ft	Bottom Clip	
Contraction Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Expansion Coef: 0.00	Op Table:	Op Table:
Entr Loss Coef: 0.00	Ref Node:	Ref Node:
Exit Loss Coef: 0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Loss Coef: 0.00	Top Clip	
Bend Location: 0.00 dec	Default: 0.00 ft	Default: 0.00 ft
Energy Switch: Energy	Op Table:	Op Table:
	Ref Node:	Ref Node:
	Manning's N: 0.0000	Manning's N: 0.0000

Comment: Pod B perimeter canal

Channel Link: CL-C		Upstream	Downstream
Scenario:	MC	Invert: 19.98 ft	Invert: 19.98 ft
	POST-DEVELOPME	Manning's N: 0.0300	Manning's N: 0.0300
	NT BLOB	Geometry: Trapezoidal	Geometry: Trapezoidal
From Node:	C	Max Depth: 2.50 ft	Max Depth: 2.50 ft
To Node:	JUNCTION 3	Extrapolation: Normal	Extrapolation: Normal
Link Count:	1	Bottom Width: 30.00 ft	Bottom Width: 30.00 ft
Flow Direction:	Both	Left Slope: 0.640 (h:v)	Left Slope: 0.640 (h:v)
Damping:	0.0000 ft	Right Slope: 0.640 (h:v)	Right Slope: 0.640 (h:v)
Length:	7450.00 ft	Bottom Clip	
Contraction Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Expansion Coef:	0.00	Op Table:	Op Table:
Entr Loss Coef:	0.00	Ref Node:	Ref Node:
Exit Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default: 0.00 ft	Default: 0.00 ft
Energy Switch:	Energy	Op Table:	Op Table:
		Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Pod C perimeter canal

Channel Link: CL-C1		Upstream	Downstream
Scenario:	MC	Invert: 20.00 ft	Invert: 20.00 ft
	POST-DEVELOPME	Manning's N: 0.0300	Manning's N: 0.0300
	NT BLOB	Geometry: Trapezoidal	Geometry: Trapezoidal
From Node:	JUNCTION 2	Max Depth: 2.50 ft	Max Depth: 2.50 ft
To Node:	JUNCTION 3	Extrapolation: Normal	Extrapolation: Normal
Link Count:	1	Bottom Width: 30.00 ft	Bottom Width: 30.00 ft
Flow Direction:	Both	Left Slope: 0.640 (h:v)	Left Slope: 0.640 (h:v)
Damping:	0.0000 ft	Right Slope: 0.640 (h:v)	Right Slope: 0.640 (h:v)
Length:	2710.00 ft	Bottom Clip	
Contraction Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Expansion Coef:	0.00	Op Table:	Op Table:
Entr Loss Coef:	0.00	Ref Node:	Ref Node:
Exit Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Bend Loss Coef:	0.00	Top Clip	
Bend Location:	0.00 dec	Default: 0.00 ft	Default: 0.00 ft
Energy Switch:	Energy	Op Table:	Op Table:
		Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000

Comment: Pod C center canal

Pipe Link: L115		Upstream	Downstream
Scenario:	MC	Invert: 18.50 ft	Invert: 18.00 ft
	POST-DEVELOPME	Manning's N: 0.0130	Manning's N: 0.0130

	NT BLOB	Geometry: Rectangular	Geometry: Rectangular
From Node:	JUNCTION 1	Max Depth: 10.00 ft	Max Depth: 10.00 ft
To Node:	JUNCTION 2	Max Width: 10.00 ft	Max Width: 10.00 ft
Link Count:	1	Fillet: 0.00 ft	Fillet: 0.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	90.00 ft	Op Table:	Op Table:
FHWA Code:	14	Ref Node:	Ref Node:
Entr Loss Coef:	0.00	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.00	Top Clip	
Bend Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:	Op Table:
Energy Switch:	Diff Wave	Ref Node:	Ref Node:
		Manning's N: 0.0000	Manning's N: 0.0000
Comment: 10' Box culvert			

Pipe Link: L116		Upstream	Downstream
Scenario:	MC	Invert: 18.50 ft	Invert: 18.00 ft
	POST-DEVELOPME	Manning's N: 0.0100	Manning's N: 0.0100
	NT BLOB	Geometry: Circular	Geometry: Circular
From Node:	JUNCTION 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
To Node:	JUNCTION 2	Bottom Clip	
Link Count:	2	Default: 0.00 ft	Default: 0.00 ft
Flow Direction:	Both	Op Table:	Op Table:
Damping:	0.0000 ft	Ref Node:	Ref Node:
Length:	90.00 ft	Manning's N: 0.0000	Manning's N: 0.0000
FHWA Code:	2	Top Clip	
Entr Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Exit Loss Coef:	0.00	Op Table:	Op Table:
Bend Loss Coef:	0.00	Ref Node:	Ref Node:
Bend Location:	0.00 dec	Manning's N: 0.0000	Manning's N: 0.0000
Energy Switch:	Energy		
Comment: 2-36" culverts			

Pipe Link: L117		Upstream	Downstream
Scenario:	MC	Invert: 18.50 ft	Invert: 18.00 ft
	POST-DEVELOPME	Manning's N: 0.0100	Manning's N: 0.0100
	NT BLOB	Geometry: Circular	Geometry: Circular
From Node:	JUNCTION 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
To Node:	JUNCTION 2	Bottom Clip	
Link Count:	3	Default: 0.00 ft	Default: 0.00 ft
Flow Direction:	Both	Op Table:	Op Table:
Damping:	0.0000 ft	Ref Node:	Ref Node:
Length:	90.00 ft	Manning's N: 0.0000	Manning's N: 0.0000
FHWA Code:	2	Top Clip	

Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: 3-24" culverts

Pipe Link: L118		Upstream	Downstream
Scenario:	MC	Invert: 18.50 ft	Invert: 18.00 ft
	POST-DEVELOPME	Manning's N: 0.0100	Manning's N: 0.0100
	NT BLOB	Geometry: Circular	Geometry: Circular
From Node:	JUNCTION 1	Max Depth: 3.00 ft	Max Depth: 3.00 ft
To Node:	JUNCTION 2	Bottom Clip	
Link Count:	2	Default: 0.00 ft	Default: 0.00 ft
Flow Direction:	Both	Op Table:	Op Table:
Damping:	0.0000 ft	Ref Node:	Ref Node:
Length:	90.00 ft	Manning's N: 0.0000	Manning's N: 0.0000
FHWA Code:	2	Top Clip	
Entr Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Exit Loss Coef:	0.00	Op Table:	Op Table:
Bend Loss Coef:	0.00	Ref Node:	Ref Node:
Bend Location:	0.00 dec	Manning's N: 0.0000	Manning's N: 0.0000
Energy Switch:	Energy		

Comment: 2-36" culverts

Pipe Link: L119		Upstream	Downstream
Scenario:	MC	Invert: 18.50 ft	Invert: 18.00 ft
	POST-DEVELOPME	Manning's N: 0.0100	Manning's N: 0.0100
	NT BLOB	Geometry: Circular	Geometry: Circular
From Node:	JUNCTION 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
To Node:	JUNCTION 2	Bottom Clip	
Link Count:	2	Default: 0.00 ft	Default: 0.00 ft
Flow Direction:	Both	Op Table:	Op Table:
Damping:	0.0000 ft	Ref Node:	Ref Node:
Length:	90.00 ft	Manning's N: 0.0000	Manning's N: 0.0000
FHWA Code:	2	Top Clip	
Entr Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Exit Loss Coef:	0.00	Op Table:	Op Table:
Bend Loss Coef:	0.00	Ref Node:	Ref Node:
Bend Location:	0.00 dec	Manning's N: 0.0000	Manning's N: 0.0000
Energy Switch:	Energy		

Comment: 2-24" culverts

Weir Link: L120 WEIR	
Scenario: MC POST-DEVELOPMENT BLOB	Bottom Clip
From Node: JUNCTION 3	Default: 0.00 ft
To Node: C44	Op Table:
Link Count: 1	Ref Node:
Flow Direction: None	Top Clip
Damping: 0.0000 ft	Default: 0.00 ft
Weir Type: Broad Crested Vertical	Op Table:
Geometry Type: Rectangular	Ref Node:
Invert: 21.48 ft	Discharge Coefficients
Control Elevation: 21.48 ft	Weir Default: 2.800
Max Depth: 1.31 ft	Weir Table:
Max Width: 20.00 ft	Orifice Default: 0.600
Fillet: 0.00 ft	Orifice Table:

Comment: Outfall weir. Tailwater Elevation based on structure S-80 within C-44 canal. SFWMD DBHYDRO Database

Link Min/Max Conditions with Times [MC POST-DEVELOPMENT BLOB]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CL- A2 PRMT	03-year 24 hour	21.20	0.00	-0.03	0.85	4.36	12.9211	0.0000	42.2145	12.8888	12.8268
CL-A1	03-year 24 hour	20.90	-10.77	-0.26	0.39	2.13	32.1049	15.1425	13.9567	37.3130	12.3865
CL-A1 PRMT	03-year 24 hour	7.75	-3.99	-0.10	0.52	2.35	32.1049	15.1425	13.9567	37.8907	12.4390
CL-A2	03-year 24 hour	145.38	0.00	-0.20	1.68	5.31	13.1454	0.0000	42.2145	13.1411	13.0820
CL-B PRMT	03-year 24 hour	8.19	-55.14	-0.30	-0.61	-1.28	12.4605	15.5745	12.8039	15.3314	14.9945
CL-C	03-year 24 hour	58.05	0.00	0.07	0.76	2.25	12.7620	0.0000	18.9589	12.6038	12.1980
CL-C1	03-year 24 hour	58.30	-0.02	-2.21	0.65	0.73	15.6595	9.4374	28.4851	15.3277	12.2756
L115	03-year 24 hour	61.16	-0.09	-44.70	1.94	1.46	15.6567	0.0004	17.2563	0.0000	0.0000
L116	03-year 24 hour	34.98	-0.04	-31.94	2.95	2.52	12.1978	0.0004	12.1980	12.1978	12.1978
L117	03-year 24 hour	23.33	-0.02	-18.82	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000
L118	03-year 24 hour	34.98	-0.04	-31.94	2.95	2.52	12.1978	0.0004	12.1980	12.1978	12.1978
L119	03-year 24 hour	15.55	-0.01	-12.55	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L120 WEIR	03-year 24 hour	75.00	0.00	0.06	3.09	3.09	18.0181	0.0000	13.6640	18.0413	18.0413
CL- A2 PRMT	05-year 24 hour	23.59	0.00	-0.05	0.89	4.49	12.7654	0.0000	51.0795	12.6961	12.5702
CL-A1	05-year 24 hour	28.97	-9.33	-0.34	0.45	2.11	30.2846	14.7576	13.8941	32.2290	12.1856
CL-A1 PRMT	05-year 24 hour	10.75	-3.46	-0.13	0.59	2.36	30.2846	14.7576	13.8941	32.5124	12.2314
CL-A2	05-year 24 hour	161.81	0.00	-0.35	1.77	5.49	12.9615	0.0000	51.0795	12.9248	12.7077
CL-B PRMT	05-year 24 hour	13.35	-62.59	-0.32	-0.64	-1.23	84.1467	17.0101	12.7049	15.1205	14.7078
CL-C	05-year 24 hour	67.55	0.00	-0.09	0.82	1.94	12.5717	0.0000	13.7654	12.4521	12.2120
CL-C1	05-year 24 hour	76.89	-0.02	-0.81	0.78	0.83	18.0224	8.6297	30.3977	17.4574	17.4574
L115	05-year 24 hour	74.27	-0.09	47.44	1.94	1.46	17.0101	0.0004	17.0101	0.0000	17.0101
L116	05-year 24 hour	28.84	-0.04	-26.52	2.43	2.08	11.9636	0.0004	11.9638	11.9636	11.9636
L117	05-year 24 hour	23.33	-0.02	-18.82	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000
L118	05-year 24 hour	28.84	-0.04	-26.52	2.43	2.08	11.9636	0.0004	11.9638	11.9636	11.9636
L119	05-year 24 hour	15.55	-0.01	-12.55	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000
L120 WEIR	05-year 24 hour	100.49	0.00	0.07	3.84	3.84	19.7059	0.0000	13.6168	19.7059	19.7059
CL- A2 PRMT	10 year 24 hours	25.89	0.00	-0.07	0.93	4.59	12.6348	0.0000	87.0002	12.5052	12.3617
CL-A1	10 year 24 hours	40.13	0.00	-0.04	0.52	1.80	30.1119	0.0000	13.6739	31.2182	11.7467
CL-A1 PRMT	10 year 24 hours	14.91	0.00	-0.02	0.67	2.10	30.1119	0.0000	13.6739	31.3774	11.9072
CL-A2	10 year 24 hours	178.64	0.00	-0.54	1.86	5.64	12.7887	0.0000	87.0002	12.7101	12.5796
CL-B PRMT	10 year 24 hours	20.23	-72.87	0.44	-0.68	-1.19	86.9941	15.6793	35.4141	14.9747	14.4919
CL-C	10 year 24	73.51	0.00	-0.09	0.83	1.57	12.5017	0.0000	13.6739	12.3405	12.1661

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	hours										
CL-C1	10 year 24 hours	102.26	-0.02	0.87	0.95	1.03	17.1235	7.6836	35.4141	16.5754	16.5754
L115	10 year 24 hours	87.93	-0.09	-49.70	1.94	1.64	16.5788	0.0004	34.9791	0.0000	16.5788
L116	10 year 24 hours	19.52	-0.04	-18.87	1.90	1.41	11.4175	0.0004	11.4181	0.0000	11.4175
L117	10 year 24 hours	23.33	-0.02	-18.82	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000
L118	10 year 24 hours	19.52	-0.04	-18.87	1.90	1.41	11.4175	0.0004	11.4181	0.0000	11.4175
L119	10 year 24 hours	15.55	-0.01	-12.55	3.08	2.48	0.0000	0.0006	0.0001	0.0000	0.0000
L120 WEIR	10 year 24 hours	126.60	0.00	0.10	4.83	4.83	21.4778	0.0000	13.4817	21.4778	21.4778
CL- A2 PRMT	100 year72 hours	22.54	-1.62	-0.40	0.70	2.18	60.3239	95.3515	97.1554	60.1902	27.6212
CL-A1	100 year72 hours	96.00	-1.32	-0.38	0.73	1.19	72.2152	47.5908	126.034 3	72.1014	26.3335
CL-A1 PRMT	100 year72 hours	39.85	-0.49	-0.16	0.98	1.46	72.2152	47.5908	126.034 3	72.1014	26.5445
CL-A2	100 year72 hours	161.59	-11.27	-2.81	1.51	2.73	60.2955	95.3515	97.1554	60.1758	28.7107
CL-B PRMT	100 year72 hours	1.04	-100.45	0.89	-0.68	-0.97	19.1048	62.6115	123.146 2	62.1881	43.8994
CL-C	100 year72 hours	14.30	-122.37	-2.05	-0.84	-0.93	48.8484	63.1737	116.344 7	62.6771	62.5562
CL-C1	100 year72 hours	125.73	-13.64	18.90	0.85	0.87	63.3603	48.8544	96.0909	62.1079	61.7662
L115	100 year72	127.59	-13.10	-73.81	2.10	1.95	63.3652	47.1022	81.0926	63.3652	63.3652

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	hours										
L116	100 year72 hours	15.54	-4.52	-11.08	1.90	1.35	63.3652	47.1022	0.0001	0.0000	0.0000
L117	100 year72 hours	23.33	-2.09	-18.82	3.08	2.48	0.0000	49.2552	0.0001	0.0000	0.0000
L118	100 year72 hours	15.54	-4.52	-11.08	1.90	1.35	63.3652	47.1022	0.0001	0.0000	0.0000
L119	100 year72 hours	15.55	-1.40	-12.55	3.08	2.48	0.0000	49.2552	0.0001	0.0000	0.0000
L120 WEIR	100 year72 hours	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
CL- A2 PRMT	25 year 72 hours	23.35	0.00	-0.22	0.77	2.05	60.4995	0.0000	88.6052	60.2791	33.0600
CL-A1	25 year 72 hours	69.75	0.00	0.05	0.65	1.15	72.3451	0.0000	60.1004	73.0137	31.5850
CL-A1 PRMT	25 year 72 hours	27.51	0.00	0.02	0.85	1.43	72.3451	0.0000	60.1004	73.0137	31.8253
CL-A2	25 year 72 hours	168.64	0.00	-1.68	1.66	2.54	60.5008	0.0000	88.6052	60.2791	34.3576
CL-B PRMT	25 year 72 hours	43.01	-76.95	0.55	-0.61	-0.84	140.5046	62.4340	80.9001	62.0121	59.5225
CL-C	25 year 72 hours	61.06	-3.49	-0.35	0.58	0.63	60.2621	30.8876	61.5508	60.2020	60.1869
CL-C1	25 year 72 hours	157.01	-0.05	-1.80	1.22	1.35	64.3441	15.9611	81.7851	63.4217	63.4217
L115	25 year 72 hours	139.86	-1.12	62.45	2.55	2.34	72.6281	50.1776	81.7851	72.6281	72.6281
L116	25 year 72 hours	19.30	-0.46	-11.08	1.90	1.37	72.6281	50.1776	0.0001	0.0000	72.6281
L117	25 year 72	23.33	-0.23	-18.82	3.08	2.48	0.0000	50.1776	0.0001	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	hours										
L118	25 year 72 hours	19.30	-0.46	-11.08	1.90	1.37	72.6281	50.1776	0.0001	0.0000	72.6281
L119	25 year 72 hours	15.55	-0.15	-12.55	3.08	2.48	0.0000	50.1776	0.0001	0.0000	0.0000
L120 WEIR	25 year 72 hours	157.92	0.00	0.09	6.03	6.03	72.3609	0.0000	60.2984	72.3609	72.3609



Node Max Conditions w/ Times [MC POST-DEVELOPMENT BLOB]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
A1	03-year 24 hour	0.00	23.00	0.0005	3576.25	28.65	15443374	24.5765	12.3506	12.1168	32.1049
A2	03-year 24 hour	0.00	23.85	0.0010	1108.32	166.20	4787489	13.1994	11.5449	12.0668	13.1218
B	03-year 24 hour	0.00	22.31	0.0006	3464.00	8.19	14338590	43.5231	4.3611	12.0501	12.4605
C	03-year 24 hour	0.00	22.79	0.0009	1128.48	58.05	5800677	21.9740	12.3506	12.0668	12.7620
C44	03-year 24 hour	0.00	12.38	0.0000	75.00	0.00	0	0.0000	0.0000	18.0181	0.0000
JUNCTI ON 1	03-year 24 hour	0.00	22.83	-0.0050	182.03	163.03	485610	16.3748	0.0001	12.7295	15.6567
JUNCTI ON 2	03-year 24 hour	0.00	22.83	0.0059	94.61	58.30	82417	16.2808	0.0001	0.0000	15.6595
JUNCTI ON 3	03-year 24 hour	0.00	22.70	0.0010	78.90	75.00	170154	18.0377	12.4152	12.7379	18.0181
A1	05-year 24 hour	0.00	23.32	0.0005	4375.07	39.72	16838840	24.5137	12.3201	12.1167	30.2846
A2	05-year 24 hour	0.00	24.01	0.0010	1353.81	185.09	6496026	13.3007	10.4990	12.0667	12.9401
B	05-year 24 hour	0.00	22.61	0.0006	4195.56	13.35	15005174	41.8405	3.8111	12.0499	84.1467
C	05-year 24 hour	0.00	22.99	0.0010	1384.54	67.55	7715723	22.8193	12.2205	12.0667	12.5717
C44	05-year	0.00	12.38	0.0000	100.49	0.00	0	0.0000	0.0000	19.7059	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24 hour										
JUNCTI ON 1	05-year 24 hour	0.00	23.10	-0.0050	205.73	177.23	492476	18.5323	0.0001	12.9524	14.7616
JUNCTI ON 2	05-year 24 hour	0.00	23.10	0.0059	111.02	76.89	82417	18.4869	0.0001	17.0101	18.0224
JUNCTI ON 3	05-year 24 hour	0.00	22.91	0.0010	100.89	100.49	171561	19.7059	12.7883	18.7277	19.7059
A1	10 year 24 hours	0.00	23.71	0.0008	5470.85	55.04	1865003 4	24.4852	12.1757	12.1168	30.1119
A2	10 year 24 hours	0.00	24.18	0.0010	1690.32	204.34	8386019	13.5952	11.8613	12.0667	12.7710
B	10 year 24 hours	0.00	22.99	0.0007	5195.98	20.23	1633222 7	34.1227	12.1757	12.0501	86.9941
C	10 year 24 hours	0.00	23.22	0.0010	1736.13	73.51	9934311	24.0751	12.1393	12.0667	12.5017
C44	10 year 24 hours	0.00	12.38	0.0000	126.60	0.00	0	0.0000	0.0000	21.4778	0.0000
JUNCTI ON 1	10 year 24 hours	0.00	23.39	-0.0050	232.13	200.67	500137	19.6757	0.0001	12.8169	16.5788
JUNCTI ON 2	10 year 24 hours	0.00	23.38	0.0059	128.25	102.26	82417	19.7431	0.0001	16.5788	17.1235
JUNCTI ON 3	10 year 24 hours	0.00	23.14	0.0010	126.90	126.60	173110	21.4778	12.2460	20.6227	21.4778
A1	100 year72 hours	0.00	25.24	0.0010	8793.12	135.85	3075122 6	72.2754	60.1541	60.0833	72.2152
A2	100 year72 hours	0.00	24.76	0.0010	2669.05	184.13	1409066 1	160.229 2	54.3255	60.0329	60.2980
B	100 year72 hours	0.00	24.76	0.0010	8006.01	1.04	2715812 8	360.004 2	59.7813	60.0165	19.1048
C	100 year72 hours	0.00	24.76	0.0006	2802.64	14.30	1952352 2	360.004 2	6.9611	60.0329	48.8484
C44	100 year72	0.00	12.38	0.0000	0.00	0.00	0	0.0000	0.0000	0.0000	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft ²]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	hours										
JUNCTI ON 1	100 year72 hours	0.00	24.76	-0.0050	271.38	271.44	533621	124.4570	0.0001	60.5532	63.3652
JUNCTI ON 2	100 year72 hours	0.00	24.76	0.0059	171.86	125.73	82417	124.1977	0.0001	63.3652	63.3603
JUNCTI ON 3	100 year72 hours	0.00	24.76	0.0009	125.73	122.37	183433	355.7209	60.7552	63.3603	63.1737
A1	25 year 72 hours	0.00	24.57	0.0010	6664.91	97.27	25269866	72.2959	60.2174	60.0831	72.3451
A2	25 year 72 hours	0.00	24.42	0.0010	2023.92	191.99	10940972	62.1036	59.6623	60.0331	60.5008
B	25 year 72 hours	0.00	23.87	0.0010	6094.03	43.01	25821350	80.5783	59.8855	60.0168	140.5046
C	25 year 72 hours	0.00	23.71	0.0006	2103.20	61.06	14892196	72.4046	59.7437	60.0331	60.2621
C44	25 year 72 hours	0.00	12.38	0.0000	157.92	0.00	0	0.0000	0.0000	72.3609	0.0000
JUNCTI ON 1	25 year 72 hours	0.00	24.00	-0.0050	252.86	247.83	516351	69.0113	0.0001	60.7190	62.8199
JUNCTI ON 2	25 year 72 hours	0.00	23.99	0.0059	194.82	157.01	82417	68.5475	0.0001	72.6281	64.3441
JUNCTI ON 3	25 year 72 hours	0.00	23.70	0.0009	159.18	157.92	176712	72.3554	60.6344	60.7249	72.3609

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	0.0000	0.00
03-year 24 hour	C44	0.2511	0.00
03-year 24 hour	C44	0.5051	0.00
03-year 24 hour	C44	0.7528	0.00
03-year 24 hour	C44	1.0028	0.00
03-year 24 hour	C44	1.2528	0.00
03-year 24 hour	C44	1.5028	0.00
03-year 24 hour	C44	1.7528	0.00
03-year 24 hour	C44	2.0028	0.00
03-year 24 hour	C44	2.2528	0.00
03-year 24 hour	C44	2.5028	0.00
03-year 24 hour	C44	2.7528	0.00
03-year 24 hour	C44	3.0028	0.00
03-year 24 hour	C44	3.2528	0.00
03-year 24 hour	C44	3.5028	0.00
03-year 24 hour	C44	3.7528	0.00
03-year 24 hour	C44	4.0028	0.00
03-year 24 hour	C44	4.2528	0.00
03-year 24 hour	C44	4.5028	0.00
03-year 24 hour	C44	4.7528	0.00
03-year 24 hour	C44	5.0028	0.00
03-year 24 hour	C44	5.2528	0.00
03-year 24 hour	C44	5.5028	0.00
03-year 24 hour	C44	5.7528	0.00
03-year 24 hour	C44	6.0028	0.00
03-year 24 hour	C44	6.2528	0.00
03-year 24 hour	C44	6.5028	0.00
03-year 24 hour	C44	6.7528	0.00
03-year 24 hour	C44	7.0028	0.00
03-year 24 hour	C44	7.2528	0.00
03-year 24 hour	C44	7.5028	0.00
03-year 24 hour	C44	7.7528	0.00
03-year 24 hour	C44	8.0028	0.00
03-year 24 hour	C44	8.2528	0.00
03-year 24 hour	C44	8.5028	0.00
03-year 24 hour	C44	8.7528	0.00
03-year 24 hour	C44	9.0061	0.00
03-year 24 hour	C44	9.2544	0.00
03-year 24 hour	C44	9.5002	0.00
03-year 24 hour	C44	9.7537	0.00
03-year 24 hour	C44	10.0035	0.00
03-year 24 hour	C44	10.2500	0.00

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	10.5002	0.00
03-year 24 hour	C44	10.7504	0.00
03-year 24 hour	C44	11.0023	0.00
03-year 24 hour	C44	11.2500	0.00
03-year 24 hour	C44	11.5009	0.00
03-year 24 hour	C44	11.7501	0.00
03-year 24 hour	C44	12.0003	0.00
03-year 24 hour	C44	12.2502	0.00
03-year 24 hour	C44	12.5003	0.00
03-year 24 hour	C44	12.7503	0.00
03-year 24 hour	C44	13.0002	0.05
03-year 24 hour	C44	13.2504	0.38
03-year 24 hour	C44	13.5010	1.01
03-year 24 hour	C44	13.7503	1.89
03-year 24 hour	C44	14.0003	2.98
03-year 24 hour	C44	14.2501	4.22
03-year 24 hour	C44	14.5012	5.56
03-year 24 hour	C44	14.7502	6.95
03-year 24 hour	C44	15.0000	8.39
03-year 24 hour	C44	15.2526	9.87
03-year 24 hour	C44	15.5021	11.36
03-year 24 hour	C44	15.7524	12.87
03-year 24 hour	C44	16.0021	14.39
03-year 24 hour	C44	16.2533	15.92
03-year 24 hour	C44	16.5028	17.46
03-year 24 hour	C44	16.7522	19.00
03-year 24 hour	C44	17.0015	20.54
03-year 24 hour	C44	17.2507	22.08
03-year 24 hour	C44	17.5004	23.63
03-year 24 hour	C44	17.7536	25.19
03-year 24 hour	C44	18.0020	26.73
03-year 24 hour	C44	18.2503	28.27
03-year 24 hour	C44	18.5030	29.84
03-year 24 hour	C44	18.7504	31.37
03-year 24 hour	C44	19.0022	32.92
03-year 24 hour	C44	19.2514	34.45
03-year 24 hour	C44	19.5009	35.98
03-year 24 hour	C44	19.7510	37.50
03-year 24 hour	C44	20.0017	39.03
03-year 24 hour	C44	20.2515	40.54
03-year 24 hour	C44	20.5004	42.04
03-year 24 hour	C44	20.7523	43.55

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	21.0002	45.03
03-year 24 hour	C44	21.2501	46.52
03-year 24 hour	C44	21.5029	48.02
03-year 24 hour	C44	21.7502	49.47
03-year 24 hour	C44	22.0041	50.96
03-year 24 hour	C44	22.2501	52.40
03-year 24 hour	C44	22.5016	53.86
03-year 24 hour	C44	22.7502	55.30
03-year 24 hour	C44	23.0006	56.75
03-year 24 hour	C44	23.2505	58.19
03-year 24 hour	C44	23.5003	59.62
03-year 24 hour	C44	23.7512	61.05
03-year 24 hour	C44	24.0018	62.48
03-year 24 hour	C44	24.2502	63.88
03-year 24 hour	C44	24.5002	65.29
03-year 24 hour	C44	24.7517	66.70
03-year 24 hour	C44	25.0006	68.08
03-year 24 hour	C44	25.2516	69.46
03-year 24 hour	C44	25.5011	70.82
03-year 24 hour	C44	25.7504	72.16
03-year 24 hour	C44	26.0016	73.49
03-year 24 hour	C44	26.2520	74.81
03-year 24 hour	C44	26.5024	76.11
03-year 24 hour	C44	26.7515	77.38
03-year 24 hour	C44	27.0022	78.66
03-year 24 hour	C44	27.2529	79.91
03-year 24 hour	C44	27.5012	81.14
03-year 24 hour	C44	27.7500	82.36
03-year 24 hour	C44	28.0002	83.58
03-year 24 hour	C44	28.2508	84.78
03-year 24 hour	C44	28.5002	85.97
03-year 24 hour	C44	28.7513	87.15
03-year 24 hour	C44	29.0000	88.31
03-year 24 hour	C44	29.2512	89.47
03-year 24 hour	C44	29.5019	90.61
03-year 24 hour	C44	29.7507	91.74
03-year 24 hour	C44	30.0034	92.88
03-year 24 hour	C44	30.2522	93.98
03-year 24 hour	C44	30.5020	95.09
03-year 24 hour	C44	30.7504	96.17
03-year 24 hour	C44	31.0024	97.26
03-year 24 hour	C44	31.2512	98.34

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	31.5031	99.41
03-year 24 hour	C44	31.7518	100.46
03-year 24 hour	C44	32.0014	101.51
03-year 24 hour	C44	32.2500	102.55
03-year 24 hour	C44	32.5017	103.59
03-year 24 hour	C44	32.7517	104.61
03-year 24 hour	C44	33.0008	105.63
03-year 24 hour	C44	33.2531	106.65
03-year 24 hour	C44	33.5021	107.64
03-year 24 hour	C44	33.7511	108.64
03-year 24 hour	C44	34.0015	109.63
03-year 24 hour	C44	34.2504	110.60
03-year 24 hour	C44	34.5018	111.58
03-year 24 hour	C44	34.7550	112.56
03-year 24 hour	C44	35.0012	113.51
03-year 24 hour	C44	35.2550	114.47
03-year 24 hour	C44	35.5003	115.40
03-year 24 hour	C44	35.7538	116.35
03-year 24 hour	C44	36.0012	117.27
03-year 24 hour	C44	36.2526	118.20
03-year 24 hour	C44	36.5003	119.11
03-year 24 hour	C44	36.7524	120.03
03-year 24 hour	C44	37.0024	120.93
03-year 24 hour	C44	37.2506	121.82
03-year 24 hour	C44	37.5002	122.71
03-year 24 hour	C44	37.7524	123.60
03-year 24 hour	C44	38.0003	124.47
03-year 24 hour	C44	38.2510	125.35
03-year 24 hour	C44	38.5002	126.21
03-year 24 hour	C44	38.7505	127.07
03-year 24 hour	C44	39.0001	127.92
03-year 24 hour	C44	39.2512	128.77
03-year 24 hour	C44	39.5018	129.62
03-year 24 hour	C44	39.7511	130.45
03-year 24 hour	C44	40.0019	131.28
03-year 24 hour	C44	40.2515	132.11
03-year 24 hour	C44	40.5006	132.92
03-year 24 hour	C44	40.7506	133.74
03-year 24 hour	C44	41.0009	134.55
03-year 24 hour	C44	41.2525	135.36
03-year 24 hour	C44	41.5002	136.16
03-year 24 hour	C44	41.7513	136.96

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	42.0016	137.75
03-year 24 hour	C44	42.2501	138.54
03-year 24 hour	C44	42.5008	139.32
03-year 24 hour	C44	42.7510	140.11
03-year 24 hour	C44	43.0000	140.88
03-year 24 hour	C44	43.2525	141.66
03-year 24 hour	C44	43.5010	142.43
03-year 24 hour	C44	43.7511	143.20
03-year 24 hour	C44	44.0010	143.96
03-year 24 hour	C44	44.2502	144.72
03-year 24 hour	C44	44.5008	145.48
03-year 24 hour	C44	44.7514	146.24
03-year 24 hour	C44	45.0006	146.99
03-year 24 hour	C44	45.2510	147.75
03-year 24 hour	C44	45.5015	148.50
03-year 24 hour	C44	45.7501	149.24
03-year 24 hour	C44	46.0013	149.98
03-year 24 hour	C44	46.2507	150.72
03-year 24 hour	C44	46.5007	151.46
03-year 24 hour	C44	46.7500	152.20
03-year 24 hour	C44	47.0017	152.94
03-year 24 hour	C44	47.2509	153.67
03-year 24 hour	C44	47.5010	154.40
03-year 24 hour	C44	47.7518	155.13
03-year 24 hour	C44	48.0030	155.86
03-year 24 hour	C44	48.2523	156.58
03-year 24 hour	C44	48.5010	157.29
03-year 24 hour	C44	48.7531	158.02
03-year 24 hour	C44	49.0005	158.73
03-year 24 hour	C44	49.2513	159.45
03-year 24 hour	C44	49.5009	160.16
03-year 24 hour	C44	49.7514	160.88
03-year 24 hour	C44	50.0018	161.59
03-year 24 hour	C44	50.2523	162.30
03-year 24 hour	C44	50.5038	163.02
03-year 24 hour	C44	50.7515	163.72
03-year 24 hour	C44	51.0021	164.43
03-year 24 hour	C44	51.2518	165.13
03-year 24 hour	C44	51.5018	165.84
03-year 24 hour	C44	51.7526	166.54
03-year 24 hour	C44	52.0045	167.25
03-year 24 hour	C44	52.2503	167.94

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	52.5046	168.65
03-year 24 hour	C44	52.7502	169.33
03-year 24 hour	C44	53.0019	170.04
03-year 24 hour	C44	53.2507	170.73
03-year 24 hour	C44	53.5021	171.43
03-year 24 hour	C44	53.7519	172.12
03-year 24 hour	C44	54.0014	172.81
03-year 24 hour	C44	54.2500	173.50
03-year 24 hour	C44	54.5034	174.20
03-year 24 hour	C44	54.7509	174.89
03-year 24 hour	C44	55.0022	175.58
03-year 24 hour	C44	55.2523	176.27
03-year 24 hour	C44	55.5022	176.96
03-year 24 hour	C44	55.7521	177.64
03-year 24 hour	C44	56.0008	178.32
03-year 24 hour	C44	56.2502	179.01
03-year 24 hour	C44	56.5005	179.69
03-year 24 hour	C44	56.7502	180.38
03-year 24 hour	C44	57.0023	181.06
03-year 24 hour	C44	57.2529	181.75
03-year 24 hour	C44	57.5005	182.42
03-year 24 hour	C44	57.7524	183.11
03-year 24 hour	C44	58.0013	183.79
03-year 24 hour	C44	58.2506	184.46
03-year 24 hour	C44	58.5006	185.14
03-year 24 hour	C44	58.7513	185.82
03-year 24 hour	C44	59.0001	186.49
03-year 24 hour	C44	59.2519	187.17
03-year 24 hour	C44	59.5008	187.85
03-year 24 hour	C44	59.7515	188.52
03-year 24 hour	C44	60.0005	189.19
03-year 24 hour	C44	60.2509	189.87
03-year 24 hour	C44	60.5030	190.54
03-year 24 hour	C44	60.7503	191.21
03-year 24 hour	C44	61.0002	191.88
03-year 24 hour	C44	61.2520	192.55
03-year 24 hour	C44	61.5039	193.23
03-year 24 hour	C44	61.7522	193.89
03-year 24 hour	C44	62.0023	194.56
03-year 24 hour	C44	62.2510	195.22
03-year 24 hour	C44	62.5010	195.89
03-year 24 hour	C44	62.7531	196.56

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	63.0008	197.22
03-year 24 hour	C44	63.2535	197.89
03-year 24 hour	C44	63.5023	198.55
03-year 24 hour	C44	63.7524	199.21
03-year 24 hour	C44	64.0001	199.87
03-year 24 hour	C44	64.2512	200.54
03-year 24 hour	C44	64.5005	201.19
03-year 24 hour	C44	64.7512	201.86
03-year 24 hour	C44	65.0001	202.51
03-year 24 hour	C44	65.2512	203.17
03-year 24 hour	C44	65.5021	203.83
03-year 24 hour	C44	65.7513	204.49
03-year 24 hour	C44	66.0004	205.14
03-year 24 hour	C44	66.2507	205.80
03-year 24 hour	C44	66.5024	206.46
03-year 24 hour	C44	66.7513	207.11
03-year 24 hour	C44	67.0025	207.77
03-year 24 hour	C44	67.2503	208.42
03-year 24 hour	C44	67.5021	209.08
03-year 24 hour	C44	67.7512	209.73
03-year 24 hour	C44	68.0007	210.38
03-year 24 hour	C44	68.2503	211.02
03-year 24 hour	C44	68.5027	211.68
03-year 24 hour	C44	68.7502	212.32
03-year 24 hour	C44	69.0021	212.98
03-year 24 hour	C44	69.2510	213.62
03-year 24 hour	C44	69.5010	214.27
03-year 24 hour	C44	69.7501	214.91
03-year 24 hour	C44	70.0006	215.56
03-year 24 hour	C44	70.2503	216.21
03-year 24 hour	C44	70.5008	216.85
03-year 24 hour	C44	70.7518	217.50
03-year 24 hour	C44	71.0007	218.14
03-year 24 hour	C44	71.2503	218.78
03-year 24 hour	C44	71.5003	219.42
03-year 24 hour	C44	71.7520	220.07
03-year 24 hour	C44	72.0002	220.71
03-year 24 hour	C44	72.2523	221.35
03-year 24 hour	C44	72.5008	221.99
03-year 24 hour	C44	72.7501	222.62
03-year 24 hour	C44	73.0008	223.26
03-year 24 hour	C44	73.2507	223.90

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	73.5007	224.54
03-year 24 hour	C44	73.7514	225.18
03-year 24 hour	C44	74.0001	225.81
03-year 24 hour	C44	74.2512	226.45
03-year 24 hour	C44	74.5030	227.08
03-year 24 hour	C44	74.7506	227.71
03-year 24 hour	C44	75.0020	228.35
03-year 24 hour	C44	75.2516	228.98
03-year 24 hour	C44	75.5004	229.61
03-year 24 hour	C44	75.7507	230.24
03-year 24 hour	C44	76.0021	230.87
03-year 24 hour	C44	76.2517	231.50
03-year 24 hour	C44	76.5005	232.13
03-year 24 hour	C44	76.7509	232.76
03-year 24 hour	C44	77.0019	233.39
03-year 24 hour	C44	77.2506	234.01
03-year 24 hour	C44	77.5005	234.64
03-year 24 hour	C44	77.7503	235.26
03-year 24 hour	C44	78.0016	235.89
03-year 24 hour	C44	78.2506	236.51
03-year 24 hour	C44	78.5001	237.13
03-year 24 hour	C44	78.7510	237.76
03-year 24 hour	C44	79.0003	238.38
03-year 24 hour	C44	79.2513	239.01
03-year 24 hour	C44	79.5000	239.62
03-year 24 hour	C44	79.7521	240.25
03-year 24 hour	C44	80.0021	240.87
03-year 24 hour	C44	80.2503	241.48
03-year 24 hour	C44	80.5022	242.11
03-year 24 hour	C44	80.7507	242.72
03-year 24 hour	C44	81.0001	243.34
03-year 24 hour	C44	81.2512	243.96
03-year 24 hour	C44	81.5028	244.58
03-year 24 hour	C44	81.7518	245.19
03-year 24 hour	C44	82.0006	245.80
03-year 24 hour	C44	82.2514	246.42
03-year 24 hour	C44	82.5012	247.03
03-year 24 hour	C44	82.7503	247.64
03-year 24 hour	C44	83.0003	248.25
03-year 24 hour	C44	83.2504	248.86
03-year 24 hour	C44	83.5007	249.47
03-year 24 hour	C44	83.7507	250.08

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	84.0025	250.70
03-year 24 hour	C44	84.2512	251.30
03-year 24 hour	C44	84.5037	251.92
03-year 24 hour	C44	84.7512	252.52
03-year 24 hour	C44	85.0012	253.13
03-year 24 hour	C44	85.2515	253.73
03-year 24 hour	C44	85.5017	254.34
03-year 24 hour	C44	85.7502	254.94
03-year 24 hour	C44	86.0021	255.55
03-year 24 hour	C44	86.2511	256.15
03-year 24 hour	C44	86.5005	256.75
03-year 24 hour	C44	86.7516	257.36
03-year 24 hour	C44	87.0005	257.96
03-year 24 hour	C44	87.2502	258.56
03-year 24 hour	C44	87.5011	259.16
03-year 24 hour	C44	87.7505	259.76
03-year 24 hour	C44	88.0009	260.36
03-year 24 hour	C44	88.2512	260.96
03-year 24 hour	C44	88.5004	261.56
03-year 24 hour	C44	88.7512	262.15
03-year 24 hour	C44	89.0004	262.75
03-year 24 hour	C44	89.2502	263.35
03-year 24 hour	C44	89.5014	263.94
03-year 24 hour	C44	89.7514	264.54
03-year 24 hour	C44	90.0001	265.13
03-year 24 hour	C44	90.2512	265.73
03-year 24 hour	C44	90.5009	266.32
03-year 24 hour	C44	90.7514	266.91
03-year 24 hour	C44	91.0015	267.50
03-year 24 hour	C44	91.2526	268.10
03-year 24 hour	C44	91.5001	268.68
03-year 24 hour	C44	91.7503	269.27
03-year 24 hour	C44	92.0004	269.86
03-year 24 hour	C44	92.2508	270.45
03-year 24 hour	C44	92.5025	271.04
03-year 24 hour	C44	92.7511	271.63
03-year 24 hour	C44	93.0003	272.21
03-year 24 hour	C44	93.2519	272.80
03-year 24 hour	C44	93.5014	273.38
03-year 24 hour	C44	93.7523	273.97
03-year 24 hour	C44	94.0012	274.55
03-year 24 hour	C44	94.2524	275.14

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
03-year 24 hour	C44	94.5009	275.72
03-year 24 hour	C44	94.7513	276.30
03-year 24 hour	C44	95.0034	276.89
03-year 24 hour	C44	95.2516	277.46
03-year 24 hour	C44	95.5013	278.04
03-year 24 hour	C44	95.7504	278.62
03-year 24 hour	C44	96.0010	279.20
25 year 72 hours	C44	0.0000	0.00
25 year 72 hours	C44	0.2511	0.00
25 year 72 hours	C44	0.5051	0.00
25 year 72 hours	C44	0.7528	0.00
25 year 72 hours	C44	1.0028	0.00
25 year 72 hours	C44	1.2528	0.00
25 year 72 hours	C44	1.5028	0.00
25 year 72 hours	C44	1.7528	0.00
25 year 72 hours	C44	2.0028	0.00
25 year 72 hours	C44	2.2528	0.00
25 year 72 hours	C44	2.5028	0.00
25 year 72 hours	C44	2.7528	0.00
25 year 72 hours	C44	3.0028	0.00
25 year 72 hours	C44	3.2528	0.00
25 year 72 hours	C44	3.5028	0.00
25 year 72 hours	C44	3.7528	0.00
25 year 72 hours	C44	4.0028	0.00
25 year 72 hours	C44	4.2528	0.00
25 year 72 hours	C44	4.5028	0.00
25 year 72 hours	C44	4.7528	0.00
25 year 72 hours	C44	5.0028	0.00
25 year 72 hours	C44	5.2528	0.00
25 year 72 hours	C44	5.5028	0.00
25 year 72 hours	C44	5.7528	0.00
25 year 72 hours	C44	6.0028	0.00
25 year 72 hours	C44	6.2528	0.00
25 year 72 hours	C44	6.5028	0.00
25 year 72 hours	C44	6.7528	0.00
25 year 72 hours	C44	7.0028	0.00
25 year 72 hours	C44	7.2528	0.00
25 year 72 hours	C44	7.5028	0.00
25 year 72 hours	C44	7.7528	0.00
25 year 72 hours	C44	8.0028	0.00
25 year 72 hours	C44	8.2528	0.00
25 year 72 hours	C44	8.5028	0.00

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	8.7528	0.00
25 year 72 hours	C44	9.0028	0.00
25 year 72 hours	C44	9.2528	0.00
25 year 72 hours	C44	9.5028	0.00
25 year 72 hours	C44	9.7528	0.00
25 year 72 hours	C44	10.0028	0.00
25 year 72 hours	C44	10.2528	0.00
25 year 72 hours	C44	10.5028	0.00
25 year 72 hours	C44	10.7528	0.00
25 year 72 hours	C44	11.0028	0.00
25 year 72 hours	C44	11.2528	0.00
25 year 72 hours	C44	11.5028	0.00
25 year 72 hours	C44	11.7528	0.00
25 year 72 hours	C44	12.0028	0.00
25 year 72 hours	C44	12.2528	0.00
25 year 72 hours	C44	12.5028	0.00
25 year 72 hours	C44	12.7528	0.00
25 year 72 hours	C44	13.0028	0.00
25 year 72 hours	C44	13.2528	0.00
25 year 72 hours	C44	13.5028	0.00
25 year 72 hours	C44	13.7528	0.00
25 year 72 hours	C44	14.0028	0.00
25 year 72 hours	C44	14.2528	0.00
25 year 72 hours	C44	14.5028	0.00
25 year 72 hours	C44	14.7528	0.00
25 year 72 hours	C44	15.0028	0.00
25 year 72 hours	C44	15.2528	0.00
25 year 72 hours	C44	15.5028	0.00
25 year 72 hours	C44	15.7528	0.00
25 year 72 hours	C44	16.0028	0.00
25 year 72 hours	C44	16.2528	0.00
25 year 72 hours	C44	16.5028	0.00
25 year 72 hours	C44	16.7528	0.00
25 year 72 hours	C44	17.0028	0.00
25 year 72 hours	C44	17.2528	0.00
25 year 72 hours	C44	17.5028	0.00
25 year 72 hours	C44	17.7528	0.00
25 year 72 hours	C44	18.0028	0.00
25 year 72 hours	C44	18.2528	0.00
25 year 72 hours	C44	18.5028	0.00
25 year 72 hours	C44	18.7528	0.00
25 year 72 hours	C44	19.0028	0.00

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	19.2528	0.00
25 year 72 hours	C44	19.5028	0.00
25 year 72 hours	C44	19.7528	0.00
25 year 72 hours	C44	20.0028	0.00
25 year 72 hours	C44	20.2528	0.00
25 year 72 hours	C44	20.5028	0.00
25 year 72 hours	C44	20.7528	0.00
25 year 72 hours	C44	21.0028	0.00
25 year 72 hours	C44	21.2528	0.00
25 year 72 hours	C44	21.5028	0.00
25 year 72 hours	C44	21.7528	0.00
25 year 72 hours	C44	22.0028	0.00
25 year 72 hours	C44	22.2528	0.00
25 year 72 hours	C44	22.5028	0.00
25 year 72 hours	C44	22.7561	0.00
25 year 72 hours	C44	23.0044	0.00
25 year 72 hours	C44	23.2553	0.00
25 year 72 hours	C44	23.5011	0.00
25 year 72 hours	C44	23.7530	0.00
25 year 72 hours	C44	24.0013	0.00
25 year 72 hours	C44	24.2540	0.00
25 year 72 hours	C44	24.5015	0.00
25 year 72 hours	C44	24.7504	0.00
25 year 72 hours	C44	25.0008	0.00
25 year 72 hours	C44	25.2519	0.00
25 year 72 hours	C44	25.5033	0.00
25 year 72 hours	C44	25.7537	0.00
25 year 72 hours	C44	26.0024	0.00
25 year 72 hours	C44	26.2522	0.00
25 year 72 hours	C44	26.5022	0.00
25 year 72 hours	C44	26.7529	0.00
25 year 72 hours	C44	27.0027	0.00
25 year 72 hours	C44	27.2522	0.00
25 year 72 hours	C44	27.5025	0.00
25 year 72 hours	C44	27.7520	0.00
25 year 72 hours	C44	28.0028	0.00
25 year 72 hours	C44	28.2501	0.00
25 year 72 hours	C44	28.5024	0.00
25 year 72 hours	C44	28.7507	0.00
25 year 72 hours	C44	29.0035	0.00
25 year 72 hours	C44	29.2519	0.00
25 year 72 hours	C44	29.5012	0.00

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	29.7516	0.00
25 year 72 hours	C44	30.0010	0.00
25 year 72 hours	C44	30.2502	0.00
25 year 72 hours	C44	30.5037	0.00
25 year 72 hours	C44	30.7509	0.00
25 year 72 hours	C44	31.0006	0.00
25 year 72 hours	C44	31.2508	0.00
25 year 72 hours	C44	31.5030	0.00
25 year 72 hours	C44	31.7501	0.00
25 year 72 hours	C44	32.0019	0.00
25 year 72 hours	C44	32.2514	0.00
25 year 72 hours	C44	32.5001	0.00
25 year 72 hours	C44	32.7510	0.00
25 year 72 hours	C44	33.0030	0.00
25 year 72 hours	C44	33.2513	0.00
25 year 72 hours	C44	33.5016	0.00
25 year 72 hours	C44	33.7552	0.00
25 year 72 hours	C44	34.0004	0.00
25 year 72 hours	C44	34.2525	0.00
25 year 72 hours	C44	34.5028	0.00
25 year 72 hours	C44	34.7509	0.00
25 year 72 hours	C44	35.0017	0.00
25 year 72 hours	C44	35.2528	0.00
25 year 72 hours	C44	35.5012	0.00
25 year 72 hours	C44	35.7527	0.00
25 year 72 hours	C44	36.0024	0.00
25 year 72 hours	C44	36.2510	0.00
25 year 72 hours	C44	36.5012	0.00
25 year 72 hours	C44	36.7505	0.00
25 year 72 hours	C44	37.0024	0.00
25 year 72 hours	C44	37.2502	0.00
25 year 72 hours	C44	37.5021	0.00
25 year 72 hours	C44	37.7520	0.00
25 year 72 hours	C44	38.0025	0.00
25 year 72 hours	C44	38.2525	0.00
25 year 72 hours	C44	38.5003	0.00
25 year 72 hours	C44	38.7518	0.00
25 year 72 hours	C44	39.0019	0.00
25 year 72 hours	C44	39.2522	0.00
25 year 72 hours	C44	39.5031	0.00
25 year 72 hours	C44	39.7531	0.01
25 year 72 hours	C44	40.0037	0.02

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	40.2523	0.03
25 year 72 hours	C44	40.5053	0.05
25 year 72 hours	C44	40.7509	0.08
25 year 72 hours	C44	41.0062	0.12
25 year 72 hours	C44	41.2547	0.16
25 year 72 hours	C44	41.5009	0.21
25 year 72 hours	C44	41.7538	0.27
25 year 72 hours	C44	42.0012	0.33
25 year 72 hours	C44	42.2528	0.41
25 year 72 hours	C44	42.5011	0.50
25 year 72 hours	C44	42.7516	0.59
25 year 72 hours	C44	43.0030	0.70
25 year 72 hours	C44	43.2526	0.81
25 year 72 hours	C44	43.5027	0.93
25 year 72 hours	C44	43.7500	1.06
25 year 72 hours	C44	44.0011	1.20
25 year 72 hours	C44	44.2518	1.35
25 year 72 hours	C44	44.5020	1.51
25 year 72 hours	C44	44.7552	1.68
25 year 72 hours	C44	45.0026	1.86
25 year 72 hours	C44	45.2540	2.05
25 year 72 hours	C44	45.5025	2.24
25 year 72 hours	C44	45.7501	2.44
25 year 72 hours	C44	46.0049	2.66
25 year 72 hours	C44	46.2536	2.88
25 year 72 hours	C44	46.5014	3.11
25 year 72 hours	C44	46.7541	3.36
25 year 72 hours	C44	47.0009	3.60
25 year 72 hours	C44	47.2510	3.86
25 year 72 hours	C44	47.5029	4.13
25 year 72 hours	C44	47.7503	4.40
25 year 72 hours	C44	48.0032	4.68
25 year 72 hours	C44	48.2501	4.97
25 year 72 hours	C44	48.5014	5.27
25 year 72 hours	C44	48.7504	5.58
25 year 72 hours	C44	49.0020	5.90
25 year 72 hours	C44	49.2509	6.22
25 year 72 hours	C44	49.5013	6.56
25 year 72 hours	C44	49.7509	6.90
25 year 72 hours	C44	50.0017	7.26
25 year 72 hours	C44	50.2517	7.62
25 year 72 hours	C44	50.5026	7.99

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	50.7501	8.37
25 year 72 hours	C44	51.0027	8.77
25 year 72 hours	C44	51.2511	9.18
25 year 72 hours	C44	51.5004	9.59
25 year 72 hours	C44	51.7514	10.02
25 year 72 hours	C44	52.0010	10.47
25 year 72 hours	C44	52.2528	10.92
25 year 72 hours	C44	52.5025	11.39
25 year 72 hours	C44	52.7507	11.88
25 year 72 hours	C44	53.0016	12.38
25 year 72 hours	C44	53.2513	12.90
25 year 72 hours	C44	53.5012	13.44
25 year 72 hours	C44	53.7521	14.00
25 year 72 hours	C44	54.0017	14.59
25 year 72 hours	C44	54.2529	15.20
25 year 72 hours	C44	54.5025	15.84
25 year 72 hours	C44	54.7527	16.50
25 year 72 hours	C44	55.0004	17.19
25 year 72 hours	C44	55.2504	17.92
25 year 72 hours	C44	55.5019	18.68
25 year 72 hours	C44	55.7513	19.48
25 year 72 hours	C44	56.0013	20.31
25 year 72 hours	C44	56.2531	21.19
25 year 72 hours	C44	56.5018	22.10
25 year 72 hours	C44	56.7513	23.05
25 year 72 hours	C44	57.0003	24.04
25 year 72 hours	C44	57.2510	25.09
25 year 72 hours	C44	57.5011	26.17
25 year 72 hours	C44	57.7509	27.30
25 year 72 hours	C44	58.0008	28.48
25 year 72 hours	C44	58.2503	29.70
25 year 72 hours	C44	58.5016	30.99
25 year 72 hours	C44	58.7501	32.32
25 year 72 hours	C44	59.0003	33.71
25 year 72 hours	C44	59.2511	35.18
25 year 72 hours	C44	59.5013	36.72
25 year 72 hours	C44	59.7504	38.35
25 year 72 hours	C44	60.0000	40.18
25 year 72 hours	C44	60.2503	42.38
25 year 72 hours	C44	60.5008	44.93
25 year 72 hours	C44	60.7504	47.66
25 year 72 hours	C44	61.0002	50.53

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	61.2515	53.52
25 year 72 hours	C44	61.5020	56.54
25 year 72 hours	C44	61.7525	59.60
25 year 72 hours	C44	62.0028	62.66
25 year 72 hours	C44	62.2508	65.72
25 year 72 hours	C44	62.5048	68.87
25 year 72 hours	C44	62.7518	71.93
25 year 72 hours	C44	63.0014	75.04
25 year 72 hours	C44	63.2516	78.17
25 year 72 hours	C44	63.5011	81.30
25 year 72 hours	C44	63.7565	84.51
25 year 72 hours	C44	64.0035	87.62
25 year 72 hours	C44	64.2533	90.77
25 year 72 hours	C44	64.5021	93.92
25 year 72 hours	C44	64.7514	97.08
25 year 72 hours	C44	65.0022	100.27
25 year 72 hours	C44	65.2500	103.42
25 year 72 hours	C44	65.5004	106.61
25 year 72 hours	C44	65.7515	109.81
25 year 72 hours	C44	66.0019	113.01
25 year 72 hours	C44	66.2522	116.21
25 year 72 hours	C44	66.5021	119.40
25 year 72 hours	C44	66.7531	122.62
25 year 72 hours	C44	67.0004	125.79
25 year 72 hours	C44	67.2528	129.03
25 year 72 hours	C44	67.5062	132.29
25 year 72 hours	C44	67.7525	135.47
25 year 72 hours	C44	68.0038	138.71
25 year 72 hours	C44	68.2558	141.96
25 year 72 hours	C44	68.5058	145.19
25 year 72 hours	C44	68.7505	148.36
25 year 72 hours	C44	69.0013	151.61
25 year 72 hours	C44	69.2513	154.84
25 year 72 hours	C44	69.5001	158.07
25 year 72 hours	C44	69.7511	161.33
25 year 72 hours	C44	70.0020	164.59
25 year 72 hours	C44	70.2545	167.87
25 year 72 hours	C44	70.5006	171.07
25 year 72 hours	C44	70.7535	174.36
25 year 72 hours	C44	71.0031	177.60
25 year 72 hours	C44	71.2506	180.83
25 year 72 hours	C44	71.5043	184.13

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	71.7512	187.35
25 year 72 hours	C44	72.0002	190.60
25 year 72 hours	C44	72.2527	193.89
25 year 72 hours	C44	72.5037	197.17
25 year 72 hours	C44	72.7501	200.39
25 year 72 hours	C44	73.0042	203.70
25 year 72 hours	C44	73.2544	206.96
25 year 72 hours	C44	73.5026	210.20
25 year 72 hours	C44	73.7523	213.45
25 year 72 hours	C44	74.0016	216.69
25 year 72 hours	C44	74.2533	219.96
25 year 72 hours	C44	74.5018	223.19
25 year 72 hours	C44	74.7518	226.44
25 year 72 hours	C44	75.0023	229.69
25 year 72 hours	C44	75.2536	232.95
25 year 72 hours	C44	75.5017	236.17
25 year 72 hours	C44	75.7500	239.38
25 year 72 hours	C44	76.0010	242.63
25 year 72 hours	C44	76.2540	245.90
25 year 72 hours	C44	76.5060	249.15
25 year 72 hours	C44	76.7509	252.32
25 year 72 hours	C44	77.0009	255.54
25 year 72 hours	C44	77.2509	258.76
25 year 72 hours	C44	77.5009	261.98
25 year 72 hours	C44	77.7505	265.19
25 year 72 hours	C44	78.0002	268.40
25 year 72 hours	C44	78.2507	271.62
25 year 72 hours	C44	78.5032	274.86
25 year 72 hours	C44	78.7502	278.03
25 year 72 hours	C44	79.0002	281.23
25 year 72 hours	C44	79.2531	284.47
25 year 72 hours	C44	79.5032	287.67
25 year 72 hours	C44	79.7520	290.85
25 year 72 hours	C44	80.0002	294.02
25 year 72 hours	C44	80.2558	297.28
25 year 72 hours	C44	80.5008	300.41
25 year 72 hours	C44	80.7508	303.60
25 year 72 hours	C44	81.0022	306.80
25 year 72 hours	C44	81.2512	309.97
25 year 72 hours	C44	81.5014	313.16
25 year 72 hours	C44	81.7552	316.39
25 year 72 hours	C44	82.0023	319.53

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	82.2532	322.72
25 year 72 hours	C44	82.5008	325.86
25 year 72 hours	C44	82.7522	329.05
25 year 72 hours	C44	83.0012	332.21
25 year 72 hours	C44	83.2521	335.39
25 year 72 hours	C44	83.5011	338.54
25 year 72 hours	C44	83.7521	341.71
25 year 72 hours	C44	84.0027	344.88
25 year 72 hours	C44	84.2527	348.04
25 year 72 hours	C44	84.5003	351.17
25 year 72 hours	C44	84.7502	354.32
25 year 72 hours	C44	85.0035	357.51
25 year 72 hours	C44	85.2522	360.64
25 year 72 hours	C44	85.5011	363.78
25 year 72 hours	C44	85.7509	366.92
25 year 72 hours	C44	86.0002	370.05
25 year 72 hours	C44	86.2522	373.22
25 year 72 hours	C44	86.5001	376.33
25 year 72 hours	C44	86.7531	379.50
25 year 72 hours	C44	87.0017	382.62
25 year 72 hours	C44	87.2516	385.75
25 year 72 hours	C44	87.5004	388.87
25 year 72 hours	C44	87.7526	392.02
25 year 72 hours	C44	88.0016	395.13
25 year 72 hours	C44	88.2534	398.28
25 year 72 hours	C44	88.5007	401.36
25 year 72 hours	C44	88.7513	404.49
25 year 72 hours	C44	89.0016	407.61
25 year 72 hours	C44	89.2508	410.71
25 year 72 hours	C44	89.5001	413.82
25 year 72 hours	C44	89.7509	416.94
25 year 72 hours	C44	90.0011	420.05
25 year 72 hours	C44	90.2503	423.14
25 year 72 hours	C44	90.5001	426.24
25 year 72 hours	C44	90.7515	429.36
25 year 72 hours	C44	91.0008	432.45
25 year 72 hours	C44	91.2515	435.56
25 year 72 hours	C44	91.5021	438.66
25 year 72 hours	C44	91.7510	441.74
25 year 72 hours	C44	92.0001	444.82
25 year 72 hours	C44	92.2524	447.94
25 year 72 hours	C44	92.5025	451.02

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	92.7521	454.10
25 year 72 hours	C44	93.0030	457.19
25 year 72 hours	C44	93.2511	460.25
25 year 72 hours	C44	93.5020	463.34
25 year 72 hours	C44	93.7507	466.40
25 year 72 hours	C44	94.0008	469.47
25 year 72 hours	C44	94.2517	472.56
25 year 72 hours	C44	94.5015	475.62
25 year 72 hours	C44	94.7526	478.70
25 year 72 hours	C44	95.0018	481.76
25 year 72 hours	C44	95.2515	484.81
25 year 72 hours	C44	95.5015	487.87
25 year 72 hours	C44	95.7509	490.92
25 year 72 hours	C44	96.0004	493.97
25 year 72 hours	C44	96.2516	497.04
25 year 72 hours	C44	96.5011	500.08
25 year 72 hours	C44	96.7510	503.13
25 year 72 hours	C44	97.0032	506.21
25 year 72 hours	C44	97.2506	509.22
25 year 72 hours	C44	97.5016	512.27
25 year 72 hours	C44	97.7505	515.30
25 year 72 hours	C44	98.0006	518.34
25 year 72 hours	C44	98.2511	521.38
25 year 72 hours	C44	98.5012	524.41
25 year 72 hours	C44	98.7505	527.43
25 year 72 hours	C44	99.0009	530.47
25 year 72 hours	C44	99.2502	533.48
25 year 72 hours	C44	99.5019	536.53
25 year 72 hours	C44	99.7506	539.53
25 year 72 hours	C44	100.0019	542.57
25 year 72 hours	C44	100.2509	545.57
25 year 72 hours	C44	100.5010	548.59
25 year 72 hours	C44	100.7503	551.59
25 year 72 hours	C44	101.0010	554.61
25 year 72 hours	C44	101.2515	557.62
25 year 72 hours	C44	101.5017	560.63
25 year 72 hours	C44	101.7518	563.63
25 year 72 hours	C44	102.0026	566.64
25 year 72 hours	C44	102.2524	569.64
25 year 72 hours	C44	102.5001	572.61
25 year 72 hours	C44	102.7520	575.62
25 year 72 hours	C44	103.0004	578.60

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	103.2506	581.59
25 year 72 hours	C44	103.5011	584.58
25 year 72 hours	C44	103.7502	587.55
25 year 72 hours	C44	104.0014	590.55
25 year 72 hours	C44	104.2512	593.52
25 year 72 hours	C44	104.5020	596.51
25 year 72 hours	C44	104.7523	599.49
25 year 72 hours	C44	105.0019	602.45
25 year 72 hours	C44	105.2512	605.41
25 year 72 hours	C44	105.5006	608.37
25 year 72 hours	C44	105.7504	611.33
25 year 72 hours	C44	106.0018	614.31
25 year 72 hours	C44	106.2500	617.25
25 year 72 hours	C44	106.5001	620.21
25 year 72 hours	C44	106.7519	623.18
25 year 72 hours	C44	107.0001	626.11
25 year 72 hours	C44	107.2500	629.06
25 year 72 hours	C44	107.5020	632.02
25 year 72 hours	C44	107.7503	634.95
25 year 72 hours	C44	108.0002	637.89
25 year 72 hours	C44	108.2514	640.84
25 year 72 hours	C44	108.5003	643.76
25 year 72 hours	C44	108.7512	646.70
25 year 72 hours	C44	109.0005	649.62
25 year 72 hours	C44	109.2522	652.57
25 year 72 hours	C44	109.5022	655.49
25 year 72 hours	C44	109.7516	658.41
25 year 72 hours	C44	110.0013	661.32
25 year 72 hours	C44	110.2525	664.25
25 year 72 hours	C44	110.5001	667.14
25 year 72 hours	C44	110.7513	670.06
25 year 72 hours	C44	111.0018	672.97
25 year 72 hours	C44	111.2510	675.87
25 year 72 hours	C44	111.5006	678.77
25 year 72 hours	C44	111.7520	681.68
25 year 72 hours	C44	112.0003	684.56
25 year 72 hours	C44	112.2511	687.46
25 year 72 hours	C44	112.5017	690.36
25 year 72 hours	C44	112.7511	693.24
25 year 72 hours	C44	113.0014	696.13
25 year 72 hours	C44	113.2512	699.01
25 year 72 hours	C44	113.5016	701.90

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	113.7503	704.76
25 year 72 hours	C44	114.0016	707.65
25 year 72 hours	C44	114.2514	710.52
25 year 72 hours	C44	114.5007	713.39
25 year 72 hours	C44	114.7502	716.25
25 year 72 hours	C44	115.0015	719.13
25 year 72 hours	C44	115.2517	721.99
25 year 72 hours	C44	115.5018	724.85
25 year 72 hours	C44	115.7506	727.70
25 year 72 hours	C44	116.0003	730.55
25 year 72 hours	C44	116.2522	733.42
25 year 72 hours	C44	116.5010	736.26
25 year 72 hours	C44	116.7513	739.11
25 year 72 hours	C44	117.0022	741.96
25 year 72 hours	C44	117.2505	744.78
25 year 72 hours	C44	117.5017	747.63
25 year 72 hours	C44	117.7510	750.46
25 year 72 hours	C44	118.0009	753.29
25 year 72 hours	C44	118.2506	756.12
25 year 72 hours	C44	118.5015	758.96
25 year 72 hours	C44	118.7522	761.79
25 year 72 hours	C44	119.0008	764.60
25 year 72 hours	C44	119.2516	767.43
25 year 72 hours	C44	119.5031	770.26
25 year 72 hours	C44	119.7506	773.05
25 year 72 hours	C44	120.0027	775.88
25 year 72 hours	C44	120.2516	778.68
25 year 72 hours	C44	120.5001	781.47
25 year 72 hours	C44	120.7508	784.28
25 year 72 hours	C44	121.0003	787.07
25 year 72 hours	C44	121.2513	789.88
25 year 72 hours	C44	121.5017	792.68
25 year 72 hours	C44	121.7514	795.47
25 year 72 hours	C44	122.0006	798.25
25 year 72 hours	C44	122.2505	801.04
25 year 72 hours	C44	122.5010	803.82
25 year 72 hours	C44	122.7501	806.59
25 year 72 hours	C44	123.0002	809.37
25 year 72 hours	C44	123.2507	812.16
25 year 72 hours	C44	123.5031	814.96
25 year 72 hours	C44	123.7514	817.71
25 year 72 hours	C44	124.0010	820.47

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	124.2521	823.24
25 year 72 hours	C44	124.5022	826.01
25 year 72 hours	C44	124.7509	828.75
25 year 72 hours	C44	125.0022	831.52
25 year 72 hours	C44	125.2513	834.27
25 year 72 hours	C44	125.5022	837.03
25 year 72 hours	C44	125.7523	839.77
25 year 72 hours	C44	126.0017	842.51
25 year 72 hours	C44	126.2518	845.25
25 year 72 hours	C44	126.5010	847.98
25 year 72 hours	C44	126.7519	850.73
25 year 72 hours	C44	127.0005	853.45
25 year 72 hours	C44	127.2501	856.18
25 year 72 hours	C44	127.5002	858.90
25 year 72 hours	C44	127.7521	861.65
25 year 72 hours	C44	128.0024	864.37
25 year 72 hours	C44	128.2501	867.07
25 year 72 hours	C44	128.5022	869.81
25 year 72 hours	C44	128.7512	872.51
25 year 72 hours	C44	129.0004	875.21
25 year 72 hours	C44	129.2507	877.92
25 year 72 hours	C44	129.5016	880.64
25 year 72 hours	C44	129.7500	883.32
25 year 72 hours	C44	130.0015	886.04
25 year 72 hours	C44	130.2519	888.74
25 year 72 hours	C44	130.5010	891.42
25 year 72 hours	C44	130.7502	894.10
25 year 72 hours	C44	131.0009	896.80
25 year 72 hours	C44	131.2516	899.49
25 year 72 hours	C44	131.5022	902.17
25 year 72 hours	C44	131.7513	904.84
25 year 72 hours	C44	132.0004	907.51
25 year 72 hours	C44	132.2507	910.19
25 year 72 hours	C44	132.5004	912.85
25 year 72 hours	C44	132.7514	915.53
25 year 72 hours	C44	133.0004	918.18
25 year 72 hours	C44	133.2504	920.84
25 year 72 hours	C44	133.5041	923.54
25 year 72 hours	C44	133.7509	926.16
25 year 72 hours	C44	134.0014	928.82
25 year 72 hours	C44	134.2512	931.47
25 year 72 hours	C44	134.5006	934.11

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	134.7517	936.76
25 year 72 hours	C44	135.0002	939.38
25 year 72 hours	C44	135.2517	942.04
25 year 72 hours	C44	135.5014	944.67
25 year 72 hours	C44	135.7521	947.31
25 year 72 hours	C44	136.0017	949.93
25 year 72 hours	C44	136.2500	952.54
25 year 72 hours	C44	136.5028	955.19
25 year 72 hours	C44	136.7500	957.78
25 year 72 hours	C44	137.0010	960.40
25 year 72 hours	C44	137.2519	963.03
25 year 72 hours	C44	137.5016	965.63
25 year 72 hours	C44	137.7525	968.25
25 year 72 hours	C44	138.0004	970.83
25 year 72 hours	C44	138.2502	973.43
25 year 72 hours	C44	138.5020	976.05
25 year 72 hours	C44	138.7529	978.65
25 year 72 hours	C44	139.0009	981.22
25 year 72 hours	C44	139.2501	983.80
25 year 72 hours	C44	139.5019	986.41
25 year 72 hours	C44	139.7526	989.00
25 year 72 hours	C44	140.0021	991.57
25 year 72 hours	C44	140.2510	994.14
25 year 72 hours	C44	140.5013	996.71
25 year 72 hours	C44	140.7528	999.30
25 year 72 hours	C44	141.0022	1001.86
25 year 72 hours	C44	141.2507	1004.41
25 year 72 hours	C44	141.5031	1006.99
25 year 72 hours	C44	141.7507	1009.53
25 year 72 hours	C44	142.0029	1012.10
25 year 72 hours	C44	142.2519	1014.65
25 year 72 hours	C44	142.5024	1017.20
25 year 72 hours	C44	142.7510	1019.73
25 year 72 hours	C44	143.0023	1022.29
25 year 72 hours	C44	143.2523	1024.82
25 year 72 hours	C44	143.5003	1027.34
25 year 72 hours	C44	143.7522	1029.89
25 year 72 hours	C44	144.0026	1032.43
25 year 72 hours	C44	144.2515	1034.94
25 year 72 hours	C44	144.5015	1037.47
25 year 72 hours	C44	144.7510	1039.98
25 year 72 hours	C44	145.0006	1042.49

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	145.2504	1045.00
25 year 72 hours	C44	145.5004	1047.52
25 year 72 hours	C44	145.7502	1050.02
25 year 72 hours	C44	146.0009	1052.53
25 year 72 hours	C44	146.2517	1055.04
25 year 72 hours	C44	146.5023	1057.55
25 year 72 hours	C44	146.7520	1060.04
25 year 72 hours	C44	147.0013	1062.52
25 year 72 hours	C44	147.2509	1065.00
25 year 72 hours	C44	147.5006	1067.48
25 year 72 hours	C44	147.7512	1069.95
25 year 72 hours	C44	148.0019	1072.43
25 year 72 hours	C44	148.2509	1074.88
25 year 72 hours	C44	148.5004	1077.33
25 year 72 hours	C44	148.7517	1079.79
25 year 72 hours	C44	149.0020	1082.23
25 year 72 hours	C44	149.2527	1084.68
25 year 72 hours	C44	149.5000	1087.08
25 year 72 hours	C44	149.7519	1089.53
25 year 72 hours	C44	150.0017	1091.95
25 year 72 hours	C44	150.2519	1094.36
25 year 72 hours	C44	150.5028	1096.78
25 year 72 hours	C44	150.7510	1099.17
25 year 72 hours	C44	151.0003	1101.56
25 year 72 hours	C44	151.2525	1103.98
25 year 72 hours	C44	151.5016	1106.36
25 year 72 hours	C44	151.7518	1108.74
25 year 72 hours	C44	152.0006	1111.10
25 year 72 hours	C44	152.2517	1113.49
25 year 72 hours	C44	152.5019	1115.85
25 year 72 hours	C44	152.7502	1118.20
25 year 72 hours	C44	153.0011	1120.56
25 year 72 hours	C44	153.2520	1122.92
25 year 72 hours	C44	153.5018	1125.26
25 year 72 hours	C44	153.7516	1127.60
25 year 72 hours	C44	154.0022	1129.94
25 year 72 hours	C44	154.2517	1132.27
25 year 72 hours	C44	154.5000	1134.57
25 year 72 hours	C44	154.7501	1136.89
25 year 72 hours	C44	155.0023	1139.23
25 year 72 hours	C44	155.2520	1141.53
25 year 72 hours	C44	155.5015	1143.83

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	155.7506	1146.12
25 year 72 hours	C44	156.0010	1148.41
25 year 72 hours	C44	156.2518	1150.71
25 year 72 hours	C44	156.5014	1152.99
25 year 72 hours	C44	156.7516	1155.26
25 year 72 hours	C44	157.0016	1157.54
25 year 72 hours	C44	157.2528	1159.81
25 year 72 hours	C44	157.5002	1162.05
25 year 72 hours	C44	157.7519	1164.32
25 year 72 hours	C44	158.0003	1166.56
25 year 72 hours	C44	158.2510	1168.81
25 year 72 hours	C44	158.5003	1171.05
25 year 72 hours	C44	158.7534	1173.31
25 year 72 hours	C44	159.0000	1175.51
25 year 72 hours	C44	159.2512	1177.75
25 year 72 hours	C44	159.5004	1179.96
25 year 72 hours	C44	159.7514	1182.19
25 year 72 hours	C44	160.0003	1184.39
25 year 72 hours	C44	160.2519	1186.61
25 year 72 hours	C44	160.5011	1188.80
25 year 72 hours	C44	160.7537	1191.02
25 year 72 hours	C44	161.0010	1193.19
25 year 72 hours	C44	161.2508	1195.38
25 year 72 hours	C44	161.5004	1197.55
25 year 72 hours	C44	161.7520	1199.75
25 year 72 hours	C44	162.0002	1201.90
25 year 72 hours	C44	162.2529	1204.09
25 year 72 hours	C44	162.5001	1206.23
25 year 72 hours	C44	162.7503	1208.39
25 year 72 hours	C44	163.0009	1210.55
25 year 72 hours	C44	163.2500	1212.69
25 year 72 hours	C44	163.5012	1214.84
25 year 72 hours	C44	163.7530	1217.00
25 year 72 hours	C44	164.0035	1219.14
25 year 72 hours	C44	164.2510	1221.24
25 year 72 hours	C44	164.5019	1223.38
25 year 72 hours	C44	164.7520	1225.50
25 year 72 hours	C44	165.0031	1227.62
25 year 72 hours	C44	165.2507	1229.71
25 year 72 hours	C44	165.5008	1231.82
25 year 72 hours	C44	165.7510	1233.92
25 year 72 hours	C44	166.0011	1236.02

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	166.2517	1238.12
25 year 72 hours	C44	166.5001	1240.19
25 year 72 hours	C44	166.7502	1242.28
25 year 72 hours	C44	167.0005	1244.36
25 year 72 hours	C44	167.2514	1246.44
25 year 72 hours	C44	167.5022	1248.52
25 year 72 hours	C44	167.7530	1250.59
25 year 72 hours	C44	168.0002	1252.62
25 year 72 hours	C44	168.2507	1254.68
25 year 72 hours	C44	168.5016	1256.74
25 year 72 hours	C44	168.7500	1258.78
25 year 72 hours	C44	169.0006	1260.83
25 year 72 hours	C44	169.2523	1262.88
25 year 72 hours	C44	169.5028	1264.92
25 year 72 hours	C44	169.7508	1266.93
25 year 72 hours	C44	170.0006	1268.95
25 year 72 hours	C44	170.2500	1270.97
25 year 72 hours	C44	170.5004	1272.99
25 year 72 hours	C44	170.7500	1275.00
25 year 72 hours	C44	171.0008	1277.01
25 year 72 hours	C44	171.2510	1279.02
25 year 72 hours	C44	171.5021	1281.02
25 year 72 hours	C44	171.7528	1283.03
25 year 72 hours	C44	172.0011	1285.00
25 year 72 hours	C44	172.2510	1286.99
25 year 72 hours	C44	172.5000	1288.96
25 year 72 hours	C44	172.7524	1290.96
25 year 72 hours	C44	173.0027	1292.94
25 year 72 hours	C44	173.2504	1294.89
25 year 72 hours	C44	173.5014	1296.86
25 year 72 hours	C44	173.7511	1298.82
25 year 72 hours	C44	174.0022	1300.78
25 year 72 hours	C44	174.2511	1302.73
25 year 72 hours	C44	174.5015	1304.68
25 year 72 hours	C44	174.7536	1306.64
25 year 72 hours	C44	175.0030	1308.58
25 year 72 hours	C44	175.2504	1310.49
25 year 72 hours	C44	175.5011	1312.43
25 year 72 hours	C44	175.7511	1314.36
25 year 72 hours	C44	176.0037	1316.30
25 year 72 hours	C44	176.2506	1318.20
25 year 72 hours	C44	176.5003	1320.11

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	176.7513	1322.03
25 year 72 hours	C44	177.0042	1323.96
25 year 72 hours	C44	177.2505	1325.84
25 year 72 hours	C44	177.5016	1327.75
25 year 72 hours	C44	177.7521	1329.65
25 year 72 hours	C44	178.0015	1331.53
25 year 72 hours	C44	178.2507	1333.42
25 year 72 hours	C44	178.5019	1335.31
25 year 72 hours	C44	178.7520	1337.19
25 year 72 hours	C44	179.0022	1339.07
25 year 72 hours	C44	179.2516	1340.94
25 year 72 hours	C44	179.5002	1342.79
25 year 72 hours	C44	179.7501	1344.66
25 year 72 hours	C44	180.0007	1346.52
25 year 72 hours	C44	180.2528	1348.39
25 year 72 hours	C44	180.5022	1350.24
25 year 72 hours	C44	180.7512	1352.09
25 year 72 hours	C44	181.0001	1353.92
25 year 72 hours	C44	181.2517	1355.78
25 year 72 hours	C44	181.5007	1357.61
25 year 72 hours	C44	181.7508	1359.44
25 year 72 hours	C44	182.0026	1361.28
25 year 72 hours	C44	182.2517	1363.10
25 year 72 hours	C44	182.5009	1364.92
25 year 72 hours	C44	182.7510	1366.74
25 year 72 hours	C44	183.0013	1368.56
25 year 72 hours	C44	183.2511	1370.37
25 year 72 hours	C44	183.5031	1372.19
25 year 72 hours	C44	183.7522	1373.99
25 year 72 hours	C44	184.0027	1375.79
25 year 72 hours	C44	184.2505	1377.57
25 year 72 hours	C44	184.5028	1379.38
25 year 72 hours	C44	184.7505	1381.15
25 year 72 hours	C44	185.0010	1382.94
25 year 72 hours	C44	185.2525	1384.73
25 year 72 hours	C44	185.5011	1386.50
25 year 72 hours	C44	185.7526	1388.29
25 year 72 hours	C44	186.0022	1390.06
25 year 72 hours	C44	186.2505	1391.81
25 year 72 hours	C44	186.5026	1393.59
25 year 72 hours	C44	186.7532	1395.36
25 year 72 hours	C44	187.0010	1397.10

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	187.2517	1398.85
25 year 72 hours	C44	187.5014	1400.60
25 year 72 hours	C44	187.7526	1402.36
25 year 72 hours	C44	188.0014	1404.09
25 year 72 hours	C44	188.2501	1405.82
25 year 72 hours	C44	188.5010	1407.56
25 year 72 hours	C44	188.7505	1409.29
25 year 72 hours	C44	189.0034	1411.04
25 year 72 hours	C44	189.2535	1412.77
25 year 72 hours	C44	189.5044	1414.50
25 year 72 hours	C44	189.7520	1416.21
25 year 72 hours	C44	190.0007	1417.92
25 year 72 hours	C44	190.2519	1419.64
25 year 72 hours	C44	190.5009	1421.35
25 year 72 hours	C44	190.7509	1423.06
25 year 72 hours	C44	191.0051	1424.80
25 year 72 hours	C44	191.2527	1426.49
25 year 72 hours	C44	191.5011	1428.19
25 year 72 hours	C44	191.7502	1429.88
25 year 72 hours	C44	192.0017	1431.60
25 year 72 hours	C44	192.2500	1433.28
25 year 72 hours	C44	192.5003	1434.98
25 year 72 hours	C44	192.7503	1436.67
25 year 72 hours	C44	193.0034	1438.38
25 year 72 hours	C44	193.2505	1440.05
25 year 72 hours	C44	193.5007	1441.73
25 year 72 hours	C44	193.7520	1443.42
25 year 72 hours	C44	194.0002	1445.09
25 year 72 hours	C44	194.2539	1446.79
25 year 72 hours	C44	194.5010	1448.45
25 year 72 hours	C44	194.7527	1450.13
25 year 72 hours	C44	195.0027	1451.80
25 year 72 hours	C44	195.2531	1453.47
25 year 72 hours	C44	195.5022	1455.13
25 year 72 hours	C44	195.7503	1456.78
25 year 72 hours	C44	196.0014	1458.44
25 year 72 hours	C44	196.2519	1460.10
25 year 72 hours	C44	196.5000	1461.75
25 year 72 hours	C44	196.7505	1463.40
25 year 72 hours	C44	197.0005	1465.05
25 year 72 hours	C44	197.2519	1466.70
25 year 72 hours	C44	197.5019	1468.35

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	197.7508	1469.98
25 year 72 hours	C44	198.0005	1471.62
25 year 72 hours	C44	198.2512	1473.26
25 year 72 hours	C44	198.5027	1474.90
25 year 72 hours	C44	198.7538	1476.54
25 year 72 hours	C44	199.0026	1478.16
25 year 72 hours	C44	199.2501	1479.77
25 year 72 hours	C44	199.5000	1481.40
25 year 72 hours	C44	199.7506	1483.02
25 year 72 hours	C44	200.0023	1484.65
25 year 72 hours	C44	200.2521	1486.27
25 year 72 hours	C44	200.5014	1487.88
25 year 72 hours	C44	200.7520	1489.49
25 year 72 hours	C44	201.0002	1491.09
25 year 72 hours	C44	201.2522	1492.71
25 year 72 hours	C44	201.5032	1494.32
25 year 72 hours	C44	201.7516	1495.91
25 year 72 hours	C44	202.0024	1497.51
25 year 72 hours	C44	202.2504	1499.10
25 year 72 hours	C44	202.5006	1500.69
25 year 72 hours	C44	202.7521	1502.29
25 year 72 hours	C44	203.0009	1503.87
25 year 72 hours	C44	203.2515	1505.46
25 year 72 hours	C44	203.5028	1507.05
25 year 72 hours	C44	203.7527	1508.63
25 year 72 hours	C44	204.0014	1510.21
25 year 72 hours	C44	204.2528	1511.79
25 year 72 hours	C44	204.5018	1513.36
25 year 72 hours	C44	204.7523	1514.93
25 year 72 hours	C44	205.0002	1516.49
25 year 72 hours	C44	205.2519	1518.07
25 year 72 hours	C44	205.5016	1519.63
25 year 72 hours	C44	205.7517	1521.19
25 year 72 hours	C44	206.0016	1522.75
25 year 72 hours	C44	206.2501	1524.29
25 year 72 hours	C44	206.5002	1525.85
25 year 72 hours	C44	206.7524	1527.41
25 year 72 hours	C44	207.0008	1528.95
25 year 72 hours	C44	207.2525	1530.51
25 year 72 hours	C44	207.5042	1532.07
25 year 72 hours	C44	207.7521	1533.59
25 year 72 hours	C44	208.0004	1535.12

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	208.2501	1536.66
25 year 72 hours	C44	208.5001	1538.19
25 year 72 hours	C44	208.7512	1539.73
25 year 72 hours	C44	209.0004	1541.26
25 year 72 hours	C44	209.2500	1542.78
25 year 72 hours	C44	209.5014	1544.31
25 year 72 hours	C44	209.7538	1545.85
25 year 72 hours	C44	210.0027	1547.36
25 year 72 hours	C44	210.2504	1548.87
25 year 72 hours	C44	210.5016	1550.39
25 year 72 hours	C44	210.7517	1551.90
25 year 72 hours	C44	211.0007	1553.41
25 year 72 hours	C44	211.2501	1554.91
25 year 72 hours	C44	211.5016	1556.42
25 year 72 hours	C44	211.7509	1557.92
25 year 72 hours	C44	212.0011	1559.42
25 year 72 hours	C44	212.2529	1560.93
25 year 72 hours	C44	212.5003	1562.41
25 year 72 hours	C44	212.7512	1563.91
25 year 72 hours	C44	213.0003	1565.40
25 year 72 hours	C44	213.2503	1566.88
25 year 72 hours	C44	213.5037	1568.39
25 year 72 hours	C44	213.7513	1569.86
25 year 72 hours	C44	214.0025	1571.35
25 year 72 hours	C44	214.2513	1572.82
25 year 72 hours	C44	214.5002	1574.29
25 year 72 hours	C44	214.7536	1575.78
25 year 72 hours	C44	215.0002	1577.24
25 year 72 hours	C44	215.2518	1578.71
25 year 72 hours	C44	215.5009	1580.18
25 year 72 hours	C44	215.7529	1581.65
25 year 72 hours	C44	216.0028	1583.11
25 year 72 hours	C44	216.2506	1584.56
25 year 72 hours	C44	216.5041	1586.04
25 year 72 hours	C44	216.7503	1587.47
25 year 72 hours	C44	217.0003	1588.92
25 year 72 hours	C44	217.2502	1590.37
25 year 72 hours	C44	217.5013	1591.83
25 year 72 hours	C44	217.7519	1593.28
25 year 72 hours	C44	218.0005	1594.71
25 year 72 hours	C44	218.2512	1596.15
25 year 72 hours	C44	218.5001	1597.59

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	218.7513	1599.03
25 year 72 hours	C44	219.0028	1600.47
25 year 72 hours	C44	219.2535	1601.91
25 year 72 hours	C44	219.5016	1603.33
25 year 72 hours	C44	219.7523	1604.76
25 year 72 hours	C44	220.0041	1606.19
25 year 72 hours	C44	220.2529	1607.60
25 year 72 hours	C44	220.5009	1609.01
25 year 72 hours	C44	220.7506	1610.43
25 year 72 hours	C44	221.0023	1611.85
25 year 72 hours	C44	221.2506	1613.26
25 year 72 hours	C44	221.5008	1614.67
25 year 72 hours	C44	221.7512	1616.08
25 year 72 hours	C44	222.0030	1617.49
25 year 72 hours	C44	222.2513	1618.88
25 year 72 hours	C44	222.5010	1620.28
25 year 72 hours	C44	222.7520	1621.69
25 year 72 hours	C44	223.0027	1623.09
25 year 72 hours	C44	223.2518	1624.48
25 year 72 hours	C44	223.5008	1625.86
25 year 72 hours	C44	223.7521	1627.26
25 year 72 hours	C44	224.0003	1628.63
25 year 72 hours	C44	224.2510	1630.02
25 year 72 hours	C44	224.5006	1631.40
25 year 72 hours	C44	224.7524	1632.79
25 year 72 hours	C44	225.0048	1634.18
25 year 72 hours	C44	225.2546	1635.56
25 year 72 hours	C44	225.5023	1636.92
25 year 72 hours	C44	225.7523	1638.29
25 year 72 hours	C44	226.0012	1639.65
25 year 72 hours	C44	226.2500	1641.01
25 year 72 hours	C44	226.5002	1642.37
25 year 72 hours	C44	226.7523	1643.74
25 year 72 hours	C44	227.0022	1645.10
25 year 72 hours	C44	227.2545	1646.47
25 year 72 hours	C44	227.5023	1647.81
25 year 72 hours	C44	227.7512	1649.16
25 year 72 hours	C44	228.0014	1650.51
25 year 72 hours	C44	228.2502	1651.85
25 year 72 hours	C44	228.5005	1653.19
25 year 72 hours	C44	228.7506	1654.54
25 year 72 hours	C44	229.0037	1655.89

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	229.2518	1657.22
25 year 72 hours	C44	229.5024	1658.56
25 year 72 hours	C44	229.7505	1659.88
25 year 72 hours	C44	230.0018	1661.22
25 year 72 hours	C44	230.2526	1662.55
25 year 72 hours	C44	230.5017	1663.87
25 year 72 hours	C44	230.7527	1665.20
25 year 72 hours	C44	231.0042	1666.53
25 year 72 hours	C44	231.2523	1667.84
25 year 72 hours	C44	231.5047	1669.17
25 year 72 hours	C44	231.7512	1670.47
25 year 72 hours	C44	232.0014	1671.78
25 year 72 hours	C44	232.2528	1673.10
25 year 72 hours	C44	232.5014	1674.40
25 year 72 hours	C44	232.7520	1675.71
25 year 72 hours	C44	233.0003	1677.00
25 year 72 hours	C44	233.2518	1678.31
25 year 72 hours	C44	233.5029	1679.62
25 year 72 hours	C44	233.7501	1680.90
25 year 72 hours	C44	234.0022	1682.20
25 year 72 hours	C44	234.2503	1683.49
25 year 72 hours	C44	234.5001	1684.78
25 year 72 hours	C44	234.7507	1686.07
25 year 72 hours	C44	235.0038	1687.37
25 year 72 hours	C44	235.2501	1688.63
25 year 72 hours	C44	235.5030	1689.93
25 year 72 hours	C44	235.7527	1691.21
25 year 72 hours	C44	236.0030	1692.48
25 year 72 hours	C44	236.2504	1693.74
25 year 72 hours	C44	236.5023	1695.03
25 year 72 hours	C44	236.7519	1696.29
25 year 72 hours	C44	237.0006	1697.55
25 year 72 hours	C44	237.2529	1698.83
25 year 72 hours	C44	237.5032	1700.10
25 year 72 hours	C44	237.7508	1701.34
25 year 72 hours	C44	238.0036	1702.62
25 year 72 hours	C44	238.2506	1703.86
25 year 72 hours	C44	238.5011	1705.12
25 year 72 hours	C44	238.7527	1706.38
25 year 72 hours	C44	239.0009	1707.62
25 year 72 hours	C44	239.2526	1708.87
25 year 72 hours	C44	239.5032	1710.12

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	239.7509	1711.35
25 year 72 hours	C44	240.0010	1712.60
25 year 72 hours	C44	240.2503	1713.83
25 year 72 hours	C44	240.5001	1715.07
25 year 72 hours	C44	240.7518	1716.31
25 year 72 hours	C44	241.0041	1717.56
25 year 72 hours	C44	241.2512	1718.77
25 year 72 hours	C44	241.5019	1720.00
25 year 72 hours	C44	241.7520	1721.23
25 year 72 hours	C44	242.0040	1722.46
25 year 72 hours	C44	242.2507	1723.67
25 year 72 hours	C44	242.5030	1724.90
25 year 72 hours	C44	242.7536	1726.12
25 year 72 hours	C44	243.0003	1727.32
25 year 72 hours	C44	243.2532	1728.55
25 year 72 hours	C44	243.5023	1729.75
25 year 72 hours	C44	243.7516	1730.96
25 year 72 hours	C44	244.0001	1732.16
25 year 72 hours	C44	244.2516	1733.37
25 year 72 hours	C44	244.5021	1734.58
25 year 72 hours	C44	244.7512	1735.77
25 year 72 hours	C44	245.0019	1736.98
25 year 72 hours	C44	245.2518	1738.17
25 year 72 hours	C44	245.5013	1739.37
25 year 72 hours	C44	245.7527	1740.56
25 year 72 hours	C44	246.0015	1741.75
25 year 72 hours	C44	246.2521	1742.94
25 year 72 hours	C44	246.5001	1744.12
25 year 72 hours	C44	246.7525	1745.31
25 year 72 hours	C44	247.0023	1746.49
25 year 72 hours	C44	247.2509	1747.67
25 year 72 hours	C44	247.5006	1748.84
25 year 72 hours	C44	247.7522	1750.03
25 year 72 hours	C44	248.0018	1751.20
25 year 72 hours	C44	248.2521	1752.37
25 year 72 hours	C44	248.5023	1753.54
25 year 72 hours	C44	248.7511	1754.71
25 year 72 hours	C44	249.0033	1755.88
25 year 72 hours	C44	249.2505	1757.03
25 year 72 hours	C44	249.5026	1758.21
25 year 72 hours	C44	249.7531	1759.37
25 year 72 hours	C44	250.0026	1760.52

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	250.2508	1761.67
25 year 72 hours	C44	250.5017	1762.83
25 year 72 hours	C44	250.7510	1763.98
25 year 72 hours	C44	251.0016	1765.13
25 year 72 hours	C44	251.2509	1766.28
25 year 72 hours	C44	251.5002	1767.42
25 year 72 hours	C44	251.7507	1768.56
25 year 72 hours	C44	252.0041	1769.72
25 year 72 hours	C44	252.2501	1770.84
25 year 72 hours	C44	252.5048	1772.00
25 year 72 hours	C44	252.7504	1773.12
25 year 72 hours	C44	253.0010	1774.26
25 year 72 hours	C44	253.2521	1775.39
25 year 72 hours	C44	253.5030	1776.53
25 year 72 hours	C44	253.7508	1777.65
25 year 72 hours	C44	254.0024	1778.78
25 year 72 hours	C44	254.2524	1779.90
25 year 72 hours	C44	254.5030	1781.03
25 year 72 hours	C44	254.7514	1782.14
25 year 72 hours	C44	255.0016	1783.26
25 year 72 hours	C44	255.2503	1784.37
25 year 72 hours	C44	255.5016	1785.49
25 year 72 hours	C44	255.7513	1786.61
25 year 72 hours	C44	256.0020	1787.72
25 year 72 hours	C44	256.2524	1788.83
25 year 72 hours	C44	256.5030	1789.94
25 year 72 hours	C44	256.7537	1791.05
25 year 72 hours	C44	257.0036	1792.15
25 year 72 hours	C44	257.2535	1793.25
25 year 72 hours	C44	257.5033	1794.35
25 year 72 hours	C44	257.7518	1795.44
25 year 72 hours	C44	258.0004	1796.53
25 year 72 hours	C44	258.2536	1797.64
25 year 72 hours	C44	258.5004	1798.72
25 year 72 hours	C44	258.7531	1799.82
25 year 72 hours	C44	259.0005	1800.90
25 year 72 hours	C44	259.2517	1801.99
25 year 72 hours	C44	259.5020	1803.08
25 year 72 hours	C44	259.7518	1804.16
25 year 72 hours	C44	260.0017	1805.24
25 year 72 hours	C44	260.2505	1806.31
25 year 72 hours	C44	260.5032	1807.40

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	260.7516	1808.47
25 year 72 hours	C44	261.0000	1809.54
25 year 72 hours	C44	261.2502	1810.61
25 year 72 hours	C44	261.5019	1811.69
25 year 72 hours	C44	261.7526	1812.76
25 year 72 hours	C44	262.0035	1813.83
25 year 72 hours	C44	262.2517	1814.89
25 year 72 hours	C44	262.5036	1815.96
25 year 72 hours	C44	262.7522	1817.02
25 year 72 hours	C44	263.0013	1818.08
25 year 72 hours	C44	263.2519	1819.14
25 year 72 hours	C44	263.5017	1820.19
25 year 72 hours	C44	263.7529	1821.25
25 year 72 hours	C44	264.0008	1822.30
25 year 72 hours	C44	264.2502	1823.35
25 year 72 hours	C44	264.5031	1824.41
25 year 72 hours	C44	264.7528	1825.46
25 year 72 hours	C44	265.0007	1826.50
25 year 72 hours	C44	265.2500	1827.54
25 year 72 hours	C44	265.5024	1828.59
25 year 72 hours	C44	265.7525	1829.63
25 year 72 hours	C44	266.0011	1830.67
25 year 72 hours	C44	266.2507	1831.71
25 year 72 hours	C44	266.5027	1832.75
25 year 72 hours	C44	266.7512	1833.78
25 year 72 hours	C44	267.0008	1834.81
25 year 72 hours	C44	267.2500	1835.84
25 year 72 hours	C44	267.5006	1836.87
25 year 72 hours	C44	267.7506	1837.90
25 year 72 hours	C44	268.0031	1838.94
25 year 72 hours	C44	268.2515	1839.96
25 year 72 hours	C44	268.5019	1840.99
25 year 72 hours	C44	268.7538	1842.02
25 year 72 hours	C44	269.0029	1843.03
25 year 72 hours	C44	269.2500	1844.04
25 year 72 hours	C44	269.5016	1845.06
25 year 72 hours	C44	269.7528	1846.09
25 year 72 hours	C44	270.0029	1847.10
25 year 72 hours	C44	270.2501	1848.10
25 year 72 hours	C44	270.5033	1849.13
25 year 72 hours	C44	270.7514	1850.13
25 year 72 hours	C44	271.0018	1851.14

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	271.2523	1852.15
25 year 72 hours	C44	271.5039	1853.16
25 year 72 hours	C44	271.7541	1854.16
25 year 72 hours	C44	272.0033	1855.16
25 year 72 hours	C44	272.2530	1856.16
25 year 72 hours	C44	272.5024	1857.16
25 year 72 hours	C44	272.7526	1858.16
25 year 72 hours	C44	273.0017	1859.15
25 year 72 hours	C44	273.2515	1860.14
25 year 72 hours	C44	273.5011	1861.13
25 year 72 hours	C44	273.7508	1862.12
25 year 72 hours	C44	274.0020	1863.12
25 year 72 hours	C44	274.2502	1864.10
25 year 72 hours	C44	274.5013	1865.09
25 year 72 hours	C44	274.7511	1866.07
25 year 72 hours	C44	275.0003	1867.05
25 year 72 hours	C44	275.2514	1868.04
25 year 72 hours	C44	275.5016	1869.02
25 year 72 hours	C44	275.7512	1870.00
25 year 72 hours	C44	276.0010	1870.98
25 year 72 hours	C44	276.2502	1871.95
25 year 72 hours	C44	276.5030	1872.93
25 year 72 hours	C44	276.7514	1873.90
25 year 72 hours	C44	277.0010	1874.87
25 year 72 hours	C44	277.2515	1875.84
25 year 72 hours	C44	277.5036	1876.82
25 year 72 hours	C44	277.7519	1877.78
25 year 72 hours	C44	278.0033	1878.75
25 year 72 hours	C44	278.2519	1879.71
25 year 72 hours	C44	278.5014	1880.67
25 year 72 hours	C44	278.7532	1881.64
25 year 72 hours	C44	279.0022	1882.60
25 year 72 hours	C44	279.2513	1883.55
25 year 72 hours	C44	279.5014	1884.51
25 year 72 hours	C44	279.7527	1885.47
25 year 72 hours	C44	280.0033	1886.43
25 year 72 hours	C44	280.2523	1887.38
25 year 72 hours	C44	280.5023	1888.33
25 year 72 hours	C44	280.7513	1889.28
25 year 72 hours	C44	281.0012	1890.22
25 year 72 hours	C44	281.2531	1891.18
25 year 72 hours	C44	281.5003	1892.11

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	281.7527	1893.07
25 year 72 hours	C44	282.0022	1894.01
25 year 72 hours	C44	282.2522	1894.95
25 year 72 hours	C44	282.5028	1895.89
25 year 72 hours	C44	282.7524	1896.83
25 year 72 hours	C44	283.0014	1897.76
25 year 72 hours	C44	283.2522	1898.70
25 year 72 hours	C44	283.5017	1899.63
25 year 72 hours	C44	283.7511	1900.56
25 year 72 hours	C44	284.0028	1901.50
25 year 72 hours	C44	284.2517	1902.43
25 year 72 hours	C44	284.5007	1903.35
25 year 72 hours	C44	284.7502	1904.28
25 year 72 hours	C44	285.0002	1905.21
25 year 72 hours	C44	285.2500	1906.13
25 year 72 hours	C44	285.5008	1907.06
25 year 72 hours	C44	285.7507	1907.98
25 year 72 hours	C44	286.0010	1908.90
25 year 72 hours	C44	286.2508	1909.82
25 year 72 hours	C44	286.5006	1910.73
25 year 72 hours	C44	286.7503	1911.65
25 year 72 hours	C44	287.0002	1912.57
25 year 72 hours	C44	287.2511	1913.48
25 year 72 hours	C44	287.5011	1914.39
25 year 72 hours	C44	287.7503	1915.30
25 year 72 hours	C44	288.0010	1916.22
25 year 72 hours	C44	288.2517	1917.13
25 year 72 hours	C44	288.5015	1918.03
25 year 72 hours	C44	288.7528	1918.94
25 year 72 hours	C44	289.0025	1919.85
25 year 72 hours	C44	289.2511	1920.74
25 year 72 hours	C44	289.5027	1921.65
25 year 72 hours	C44	289.7538	1922.56
25 year 72 hours	C44	290.0005	1923.44
25 year 72 hours	C44	290.2527	1924.35
25 year 72 hours	C44	290.5016	1925.24
25 year 72 hours	C44	290.7501	1926.13
25 year 72 hours	C44	291.0007	1927.03
25 year 72 hours	C44	291.2503	1927.92
25 year 72 hours	C44	291.5013	1928.81
25 year 72 hours	C44	291.7518	1929.71
25 year 72 hours	C44	292.0014	1930.59

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	292.2503	1931.48
25 year 72 hours	C44	292.5025	1932.37
25 year 72 hours	C44	292.7529	1933.26
25 year 72 hours	C44	293.0005	1934.13
25 year 72 hours	C44	293.2531	1935.02
25 year 72 hours	C44	293.5014	1935.90
25 year 72 hours	C44	293.7509	1936.78
25 year 72 hours	C44	294.0012	1937.65
25 year 72 hours	C44	294.2504	1938.53
25 year 72 hours	C44	294.5008	1939.41
25 year 72 hours	C44	294.7508	1940.28
25 year 72 hours	C44	295.0002	1941.15
25 year 72 hours	C44	295.2516	1942.03
25 year 72 hours	C44	295.5026	1942.90
25 year 72 hours	C44	295.7514	1943.77
25 year 72 hours	C44	296.0017	1944.64
25 year 72 hours	C44	296.2503	1945.50
25 year 72 hours	C44	296.5018	1946.37
25 year 72 hours	C44	296.7519	1947.23
25 year 72 hours	C44	297.0022	1948.10
25 year 72 hours	C44	297.2501	1948.95
25 year 72 hours	C44	297.5003	1949.81
25 year 72 hours	C44	297.7527	1950.68
25 year 72 hours	C44	298.0010	1951.53
25 year 72 hours	C44	298.2516	1952.39
25 year 72 hours	C44	298.5030	1953.25
25 year 72 hours	C44	298.7520	1954.10
25 year 72 hours	C44	299.0023	1954.96
25 year 72 hours	C44	299.2528	1955.81
25 year 72 hours	C44	299.5007	1956.65
25 year 72 hours	C44	299.7502	1957.50
25 year 72 hours	C44	300.0013	1958.35
25 year 72 hours	C44	300.2529	1959.20
25 year 72 hours	C44	300.5000	1960.04
25 year 72 hours	C44	300.7521	1960.89
25 year 72 hours	C44	301.0032	1961.74
25 year 72 hours	C44	301.2516	1962.58
25 year 72 hours	C44	301.5001	1963.41
25 year 72 hours	C44	301.7507	1964.25
25 year 72 hours	C44	302.0008	1965.09
25 year 72 hours	C44	302.2534	1965.94
25 year 72 hours	C44	302.5025	1966.77

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	302.7517	1967.60
25 year 72 hours	C44	303.0024	1968.44
25 year 72 hours	C44	303.2523	1969.27
25 year 72 hours	C44	303.5034	1970.10
25 year 72 hours	C44	303.7500	1970.92
25 year 72 hours	C44	304.0040	1971.76
25 year 72 hours	C44	304.2506	1972.58
25 year 72 hours	C44	304.5018	1973.41
25 year 72 hours	C44	304.7510	1974.23
25 year 72 hours	C44	305.0039	1975.07
25 year 72 hours	C44	305.2513	1975.88
25 year 72 hours	C44	305.5025	1976.71
25 year 72 hours	C44	305.7502	1977.52
25 year 72 hours	C44	306.0014	1978.34
25 year 72 hours	C44	306.2513	1979.16
25 year 72 hours	C44	306.5001	1979.97
25 year 72 hours	C44	306.7517	1980.79
25 year 72 hours	C44	307.0004	1981.61
25 year 72 hours	C44	307.2505	1982.42
25 year 72 hours	C44	307.5033	1983.24
25 year 72 hours	C44	307.7524	1984.05
25 year 72 hours	C44	308.0010	1984.85
25 year 72 hours	C44	308.2514	1985.66
25 year 72 hours	C44	308.5008	1986.47
25 year 72 hours	C44	308.7534	1987.28
25 year 72 hours	C44	309.0001	1988.08
25 year 72 hours	C44	309.2507	1988.88
25 year 72 hours	C44	309.5005	1989.69
25 year 72 hours	C44	309.7508	1990.49
25 year 72 hours	C44	310.0007	1991.29
25 year 72 hours	C44	310.2535	1992.10
25 year 72 hours	C44	310.5011	1992.89
25 year 72 hours	C44	310.7505	1993.68
25 year 72 hours	C44	311.0016	1994.48
25 year 72 hours	C44	311.2529	1995.28
25 year 72 hours	C44	311.5003	1996.07
25 year 72 hours	C44	311.7501	1996.86
25 year 72 hours	C44	312.0018	1997.66
25 year 72 hours	C44	312.2546	1998.46
25 year 72 hours	C44	312.5005	1999.23
25 year 72 hours	C44	312.7508	2000.02
25 year 72 hours	C44	313.0023	2000.81

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	313.2523	2001.60
25 year 72 hours	C44	313.5006	2002.38
25 year 72 hours	C44	313.7533	2003.17
25 year 72 hours	C44	314.0016	2003.95
25 year 72 hours	C44	314.2525	2004.73
25 year 72 hours	C44	314.5007	2005.51
25 year 72 hours	C44	314.7513	2006.29
25 year 72 hours	C44	315.0021	2007.07
25 year 72 hours	C44	315.2513	2007.85
25 year 72 hours	C44	315.5020	2008.62
25 year 72 hours	C44	315.7515	2009.40
25 year 72 hours	C44	316.0005	2010.17
25 year 72 hours	C44	316.2532	2010.95
25 year 72 hours	C44	316.5004	2011.71
25 year 72 hours	C44	316.7500	2012.48
25 year 72 hours	C44	317.0001	2013.25
25 year 72 hours	C44	317.2522	2014.03
25 year 72 hours	C44	317.5000	2014.79
25 year 72 hours	C44	317.7511	2015.56
25 year 72 hours	C44	318.0011	2016.32
25 year 72 hours	C44	318.2508	2017.08
25 year 72 hours	C44	318.5004	2017.85
25 year 72 hours	C44	318.7515	2018.61
25 year 72 hours	C44	319.0006	2019.37
25 year 72 hours	C44	319.2500	2020.13
25 year 72 hours	C44	319.5025	2020.89
25 year 72 hours	C44	319.7502	2021.64
25 year 72 hours	C44	320.0009	2022.40
25 year 72 hours	C44	320.2509	2023.16
25 year 72 hours	C44	320.5001	2023.91
25 year 72 hours	C44	320.7533	2024.67
25 year 72 hours	C44	321.0024	2025.42
25 year 72 hours	C44	321.2503	2026.17
25 year 72 hours	C44	321.5004	2026.92
25 year 72 hours	C44	321.7505	2027.67
25 year 72 hours	C44	322.0025	2028.42
25 year 72 hours	C44	322.2511	2029.16
25 year 72 hours	C44	322.5027	2029.91
25 year 72 hours	C44	322.7534	2030.66
25 year 72 hours	C44	323.0005	2031.40
25 year 72 hours	C44	323.2510	2032.14
25 year 72 hours	C44	323.5002	2032.88

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	323.7530	2033.63
25 year 72 hours	C44	324.0000	2034.36
25 year 72 hours	C44	324.2510	2035.10
25 year 72 hours	C44	324.5041	2035.85
25 year 72 hours	C44	324.7524	2036.58
25 year 72 hours	C44	325.0009	2037.31
25 year 72 hours	C44	325.2521	2038.05
25 year 72 hours	C44	325.5021	2038.78
25 year 72 hours	C44	325.7513	2039.51
25 year 72 hours	C44	326.0032	2040.25
25 year 72 hours	C44	326.2505	2040.97
25 year 72 hours	C44	326.5041	2041.71
25 year 72 hours	C44	326.7516	2042.43
25 year 72 hours	C44	327.0044	2043.17
25 year 72 hours	C44	327.2520	2043.89
25 year 72 hours	C44	327.5016	2044.61
25 year 72 hours	C44	327.7507	2045.34
25 year 72 hours	C44	328.0024	2046.06
25 year 72 hours	C44	328.2550	2046.79
25 year 72 hours	C44	328.5000	2047.50
25 year 72 hours	C44	328.7504	2048.22
25 year 72 hours	C44	329.0005	2048.94
25 year 72 hours	C44	329.2506	2049.66
25 year 72 hours	C44	329.5027	2050.38
25 year 72 hours	C44	329.7501	2051.09
25 year 72 hours	C44	330.0002	2051.81
25 year 72 hours	C44	330.2520	2052.53
25 year 72 hours	C44	330.5018	2053.24
25 year 72 hours	C44	330.7536	2053.96
25 year 72 hours	C44	331.0014	2054.66
25 year 72 hours	C44	331.2531	2055.38
25 year 72 hours	C44	331.5036	2056.09
25 year 72 hours	C44	331.7535	2056.80
25 year 72 hours	C44	332.0030	2057.51
25 year 72 hours	C44	332.2524	2058.21
25 year 72 hours	C44	332.5008	2058.91
25 year 72 hours	C44	332.7521	2059.62
25 year 72 hours	C44	333.0007	2060.32
25 year 72 hours	C44	333.2520	2061.03
25 year 72 hours	C44	333.5006	2061.72
25 year 72 hours	C44	333.7515	2062.43
25 year 72 hours	C44	334.0018	2063.13

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	334.2520	2063.83
25 year 72 hours	C44	334.5013	2064.52
25 year 72 hours	C44	334.7531	2065.22
25 year 72 hours	C44	335.0025	2065.92
25 year 72 hours	C44	335.2514	2066.61
25 year 72 hours	C44	335.5014	2067.30
25 year 72 hours	C44	335.7505	2067.99
25 year 72 hours	C44	336.0004	2068.69
25 year 72 hours	C44	336.2506	2069.38
25 year 72 hours	C44	336.5001	2070.07
25 year 72 hours	C44	336.7537	2070.77
25 year 72 hours	C44	337.0009	2071.45
25 year 72 hours	C44	337.2515	2072.14
25 year 72 hours	C44	337.5005	2072.82
25 year 72 hours	C44	337.7518	2073.51
25 year 72 hours	C44	338.0000	2074.19
25 year 72 hours	C44	338.2516	2074.88
25 year 72 hours	C44	338.5005	2075.56
25 year 72 hours	C44	338.7500	2076.24
25 year 72 hours	C44	339.0029	2076.92
25 year 72 hours	C44	339.2517	2077.60
25 year 72 hours	C44	339.5010	2078.28
25 year 72 hours	C44	339.7513	2078.96
25 year 72 hours	C44	340.0043	2079.64
25 year 72 hours	C44	340.2512	2080.31
25 year 72 hours	C44	340.5011	2080.98
25 year 72 hours	C44	340.7507	2081.66
25 year 72 hours	C44	341.0018	2082.33
25 year 72 hours	C44	341.2511	2083.00
25 year 72 hours	C44	341.5022	2083.68
25 year 72 hours	C44	341.7501	2084.34
25 year 72 hours	C44	342.0023	2085.02
25 year 72 hours	C44	342.2511	2085.69
25 year 72 hours	C44	342.5000	2086.35
25 year 72 hours	C44	342.7523	2087.02
25 year 72 hours	C44	343.0013	2087.69
25 year 72 hours	C44	343.2517	2088.35
25 year 72 hours	C44	343.5001	2089.01
25 year 72 hours	C44	343.7522	2089.68
25 year 72 hours	C44	344.0016	2090.34
25 year 72 hours	C44	344.2500	2091.00
25 year 72 hours	C44	344.5002	2091.66

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	344.7517	2092.32
25 year 72 hours	C44	345.0007	2092.98
25 year 72 hours	C44	345.2513	2093.64
25 year 72 hours	C44	345.5012	2094.30
25 year 72 hours	C44	345.7520	2094.96
25 year 72 hours	C44	346.0016	2095.61
25 year 72 hours	C44	346.2510	2096.26
25 year 72 hours	C44	346.5040	2096.92
25 year 72 hours	C44	346.7502	2097.57
25 year 72 hours	C44	347.0027	2098.22
25 year 72 hours	C44	347.2500	2098.87
25 year 72 hours	C44	347.5011	2099.52
25 year 72 hours	C44	347.7512	2100.17
25 year 72 hours	C44	348.0018	2100.82
25 year 72 hours	C44	348.2507	2101.46
25 year 72 hours	C44	348.5023	2102.12
25 year 72 hours	C44	348.7506	2102.76
25 year 72 hours	C44	349.0010	2103.40
25 year 72 hours	C44	349.2520	2104.05
25 year 72 hours	C44	349.5011	2104.69
25 year 72 hours	C44	349.7515	2105.33
25 year 72 hours	C44	350.0017	2105.97
25 year 72 hours	C44	350.2511	2106.61
25 year 72 hours	C44	350.5009	2107.25
25 year 72 hours	C44	350.7520	2107.89
25 year 72 hours	C44	351.0028	2108.53
25 year 72 hours	C44	351.2526	2109.17
25 year 72 hours	C44	351.5011	2109.80
25 year 72 hours	C44	351.7513	2110.44
25 year 72 hours	C44	352.0021	2111.07
25 year 72 hours	C44	352.2512	2111.71
25 year 72 hours	C44	352.5019	2112.34
25 year 72 hours	C44	352.7529	2112.97
25 year 72 hours	C44	353.0023	2113.60
25 year 72 hours	C44	353.2512	2114.23
25 year 72 hours	C44	353.5018	2114.86
25 year 72 hours	C44	353.7520	2115.49
25 year 72 hours	C44	354.0005	2116.12
25 year 72 hours	C44	354.2503	2116.74
25 year 72 hours	C44	354.5019	2117.37
25 year 72 hours	C44	354.7508	2117.99
25 year 72 hours	C44	355.0002	2118.62

Sim	Node Name	Relative Time [hrs]	Total Inflow Volume [ac_ft]
25 year 72 hours	C44	355.2516	2119.24
25 year 72 hours	C44	355.5024	2119.87
25 year 72 hours	C44	355.7510	2120.49
25 year 72 hours	C44	356.0007	2121.11
25 year 72 hours	C44	356.2516	2121.73
25 year 72 hours	C44	356.5007	2122.35
25 year 72 hours	C44	356.7525	2122.97
25 year 72 hours	C44	357.0005	2123.58
25 year 72 hours	C44	357.2524	2124.20
25 year 72 hours	C44	357.5010	2124.82
25 year 72 hours	C44	357.7515	2125.43
25 year 72 hours	C44	358.0002	2126.04
25 year 72 hours	C44	358.2502	2126.66
25 year 72 hours	C44	358.5024	2127.28
25 year 72 hours	C44	358.7507	2127.88
25 year 72 hours	C44	359.0003	2128.49
25 year 72 hours	C44	359.2513	2129.11
25 year 72 hours	C44	359.5005	2129.71
25 year 72 hours	C44	359.7507	2130.32