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FBPE registry # 8604

LAND PLANNING

CONSTRUCTION MANAGEMENT

DRC

PZ25-12000046

04/15/2026

STORM DRAINAGE CALCULATIONS FOR PROPOSED TOWNHOMES AT 3305 SE 5 STREET POMPANO BEACH, FL

Revised 2/10/2026

Martin Pilote
FLA. PE # 55992

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December 2, 2025

Storm Drainage Summary for proposed Townhomes 3305 SE 5 Street Pompano Beach, FL

INTRODUCTION

We are proposing a new multi-family project on a previously developed property located at 3305 SE 5 Street, Pompano Beach, Florida
The total project area is 21,000 SF=0.482 acre

EXISTING SURFACE WATER MANAGEMENT SYSTEM

The existing site is developed. The existing site grades are shown on the survey.
The current groundwater elevation from Broward County is 1.50 ft NAVD.
The future 2060 groundwater elevation (plate WM 2.2) from Broward County is 2.50 ft NAVD.
The future 2070 groundwater elevation (plate WM2.3) from Broward County is 2.50 ft NAVD.

The future 2070 groundwater elevation is used in the drainage calculations.

Percolation tests were performed in accordance with SFWMD procedures, which provide an average hydraulic conductivity as shown in the attached Exfiltration Trench calculations. Please refer to the attached Geotechnical Report (perc tests and soil borings).

PROPOSED SURFACE WATER MANAGEMENT SYSTEM

The proposed drainage improvements for the site consist of a series of inlets with exfiltration trench that connect to dry retention areas, and swales, then to drainage wells.

Water quality treatment is provided within the exfiltration trench and dry retention areas. Please refer to the attached storm drainage calculations.

Since the post-development stages are at the same elevations or lower than the pre-development stages for the 100-year/72-hour and 25-year/72 hours storm events without and with a drainage well, the project is not required to provide berms. The pre and post stages are listed at the bottom of the post development drainage calculations.

LAND USE AND SOIL STORAGE

Refer to the attached drainage calculations for the existing and proposed Land Use and soil storage for the entire site.

FLOOD PLAIN

The 2024 FEMA flood zones are: X, AE6, and AE7.

FINISHED FLOOR ELEVATION

The Finished Floor Elevation (FFE) will be 8.00 ft NAVD, 1 ft higher than AE7

DATE: 10/30/2025
REV:
REV:
BY: MP

DRC

PZ25-12000046
04/15/2026

Townhomes @ 3305 SE 5 Street, Pompano Beach, FL
PRE DEVELOPMENT STORMWATER MANAGEMENT CALCULATIONS

LAND USE BREAKDOWN			GRADING PARAMETERS			
LAND USE BREAKDOWN	ACRES	PERCENT %	V/L	START ELEV	END ELEV	CHANGE
Building	0.251	52.2%	V	100.00	200.00	0.00
concrete	0.038	7.8%	L	5.25	6.79	1.54
n/a	0.000	0.0%	L	5.50	7.50	2.00
Driveways/asphalt	0.063	13.0%	L	4.63	6.14	1.51
Green	0.130	27.0%	L	4.50	6.20	1.70
DRA Side	0.000	0.0%	L	100.00	200.00	100.00
DRA Bottom	0.000	0.0%	V	100.00	200.00	100.00
Not used	0.000	0.0%	V	0.00	0.00	0.00
TOTAL	0.482	100.0%				

STAGE-STORAGE CALCULATIONS

Assume Linear Progression for all Areas

STAGE (ft-NAVD)	Volume of Storage (ac-ft)								TOTAL
	Building	concrete	n/a	Driveways/asphalt	Green	DRA Side	DRA Bottom	Exfil. Trench	
1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
5.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.012
5.50	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.055
6.00	0.00	0.01	0.00	0.04	0.09	0.00	0.00	0.00	0.132
6.50	0.00	0.02	0.00	0.07	0.15	0.00	0.00	0.00	0.239
7.00	0.00	0.04	0.00	0.10	0.21	0.00	0.00	0.00	0.353
7.50	0.00	0.06	0.00	0.13	0.28	0.00	0.00	0.00	0.468
8.00	0.00	0.07	0.00	0.16	0.34	0.00	0.00	0.00	0.584
8.50	0.00	0.09	0.00	0.20	0.41	0.00	0.00	0.00	0.699
9.00	0.00	0.11	0.00	0.23	0.48	0.00	0.00	0.00	0.814
9.50	0.00	0.13	0.00	0.26	0.54	0.00	0.00	0.00	0.930
10.00	0.00	0.15	0.00	0.29	0.61	0.00	0.00	0.00	1.045

Townhomes @ 3305 SE 5 Street, Pompano Beach, FL
PRE DEVELOPMENT STORMWATER MANAGEMENT CALCULATIONS

DRC

PZ25-12000046
04/15/2026

Project Location Hydraulic Details

Design Water Level= 2.50
Allowable Discharge* = N/A csm

Design Storm Rainfall Amounts

Storm Frequency	Rainfall (in.)		
	1 hr	24 hr	72 hr
3 year	x	x	
5 year	3.2	x	
10 year		9.50	
25 year			15.00
100 year			20.00

Soil Storage Calculation

- A. Total Pervious Area = 0.13 acres = 27.0%
- B. Depth to Water Table = 2.9 feet
- From SFWMD Permit Information Manual, Vol. IV, Figure E-1, For 'Coastal', the Cumulative
- C. Available Soil Storage is:
- Sp = 4.49 inches
- D. Site Soil Storage (SSS) = Sp x (Pervious Area/Total Area)
= 1.21 inches
- E. Curve No. (CN)= 1000 / (SSS + 10)
= 89

Water Quantity Calculations

- A. Calculate the Runoff in Inches.
- $$Q = \frac{(\text{Rainfall} - 0.2 \times \text{Soil Storage})^2}{(\text{Rainfall} + 0.8 \times \text{Soil Storage})}$$
- Q_{5yr-1hr} = 2.10 inches
Q_{10yr-1day} = 8.19 inches
Q_{25yr-3day} = 13.64 inches
Q_{100yr-3day} = 18.62 inches
- B. Calculate the Runoff Volume
- $$V = Q \times \text{Project Area (1 ft / 12 in)}$$
- C. Neglecting discharge and using the stage-storage chart and the calculated runoff volumes, the stages can be interpolated.
- V_{5yr-1hr} = 0.08 ac-ft Stage_{5yr-1hr} = 5.69 ft
V_{10yr-1day} = 0.33 ac-ft Stage_{10yr-1day} = 6.89 ft
V_{25yr-3day} = 0.55 ac-ft Stage_{25yr-3day} = 7.84 ft
V_{100yr-3day} = 0.75 ac-ft Stage_{100yr-3day} = 8.71 ft

DATE: 11/17/2025
REV: 2/10/2026
REV:
BY: MP

Townhomes @ 3305 SE 5 Street, Pompano Beach, FL POST DEVELOPMENT STORMWATER MANAGEMENT CALCULATIONS

LAND USE BREAKDOWN			GRADING PARAMETERS			
LAND USE BREAKDOWN	ACRES	PERCENT %	V/L	START ELEV	END ELEV	CHANGE
Building	0.264	54.7%	V	100.00	200.00	0.00
patio	0.018	3.7%	L	7.30	7.50	0.20
front steps	0.004	0.9%	L	5.50	7.50	2.00
Driveways	0.037	7.7%	L	4.50	6.88	2.38
Green	0.159	32.9%	L	4.00	6.50	2.50
DRA Side	0.000	0.0%	L	100.00	200.00	100.00
DRA Bottom	0.000	0.0%	V	100.00	200.00	100.00
Not used	0.000	0.0%	V	0.00	0.00	0.00
TOTAL	0.482	100.0%				

Exfiltration Trench Calculations

3.28" x site area allowed in trench (Vtotal): 1.58 ac-in.
Vtotal = Vwq + Vadd
Vwq (see calcs on following pages): 0.48 ac-in
%WQ: 0.5
%WQ x Vwq: 0.241 ac-in
Vadd max: 1.099 ac-in.
FS: 2

Exfiltration Trench use conservative formula

Lmax = $FS(\%WQ)(Vwq+Vadd)/[K \times (2H_2D_u-D_u^2 + 2H_2D_s) + (1.39 \times 10^{-4})WD_u]$
= 173.36 feet
Lactual = 80.00
Vwq = 0.48 ac-in. (from above)
Vaddactual = $[L \times [K \times (2H_2D_u-D_u^2 + 2H_2D_s) + (1.39 \times 10^{-4})WD_u]] - FS(\%WQ \times Vwq)]/2$
= 0.38 ac-in = 0.031 ac-ft
Vtotal actual = 0.86 ac-in = 0.072 ac-ft

Max. Storage Credit = 3.28" x site area allowed in trench (Vtotal):

5 yr-1 hr = 1.58 ac-in.
= 0.132 ac-ft.

More than Volume from above, therefore use
0.072 ac-ft in stage storage

Exfiltration Trench Stage-Storage Calcs. (Assuming Linear Progression)	
Stage (ft)	Storage (ac-ft)
2.5	0.000
3	0.024
3.5	0.048
4	0.072

Trench Characteristics

L= 80 ft
W= 8 ft
K (CFS/ft²)= 3.23E-04
H₂= 1.50 ft
D_u= 1.50 ft
D_s= 13.50 ft
Top of Trench Elev.= 4.00 ft-NAVD
Bottom of Trench Elev.= -11.00 ft-NAVD

STAGE-STORAGE CALCULATIONS

Assume Linear Progression for all Areas

STAGE (ft-NAVD)	Volume of Storage (ac-ft)								TOTAL
	Building	patio	front steps	Driveways	Green	DRA Side	DRA Bottom	Exfil. Trench	
2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.024	0.024
3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.048	0.048
4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.048	0.048
4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.048	0.050
4.50	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.048	0.056
4.75	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.048	0.066
5.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.048	0.081
5.50	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.048	0.127
6.00	0.00	0.00	0.00	0.02	0.13	0.00	0.00	0.048	0.193
6.50	0.00	0.00	0.00	0.03	0.20	0.00	0.00	0.048	0.279
7.00	0.00	0.00	0.00	0.05	0.28	0.00	0.00	0.048	0.377
7.50	0.00	0.00	0.00	0.07	0.36	0.00	0.00	0.048	0.478
8.00	0.00	0.01	0.01	0.09	0.44	0.00	0.00	0.048	0.588
8.50	0.00	0.02	0.01	0.10	0.52	0.00	0.00	0.048	0.697
9.00	0.00	0.03	0.01	0.12	0.60	0.00	0.00	0.048	0.806
9.50	0.00	0.04	0.01	0.14	0.67	0.00	0.00	0.048	0.915
10.00	0.00	0.05	0.02	0.16	0.75	0.00	0.00	0.048	1.024
10.50	0.00	0.06	0.02	0.18	0.83	0.00	0.00	0.048	1.133

Townhomes @ 3305 SE 5 Street, Pompano Beach, FL
POST DEVELOPMENT STORMWATER MANAGEMENT CALCULATIONS

Project Location Hydraulic Details

Design Water Level= 2.50
 Allowable Discharge* = N/A csm

Design Storm Rainfall Amounts

Storm Frequency	Rainfall (in.)		
	1 hr	24 hr	72 hr
3 year	x	x	
5 year	3.2	x	
10 year		9.50	
25 year			15.00
100 year			20.00

Soil Storage Calculation

A. Total Pervious Area = 0.16 acres = 32.9%

B. Depth to Water Table = 2.8 feet

From SFWMD Permit Information Manual, Vol. IV, Figure E-1, For 'Coastal', the Cumulative

C. Available Soil Storage is:

Sp = 4.18 inches

D. Site Soil Storage (SSS) = Sp x (Pervious Area/Total Area)
 = 1.38 inches

E. Curve No. (CN)= 1000 / (SSS + 10)
 = 88

Water Quantity Calculations

A. Calculate the Runoff in Inches.

Q= (Rainfall - 0.2 x Soil Storage)² / (Rainfall + 0.8 x Soil Storage)

Q_{5yr-1hr}= 1.99 inches

Q_{10yr-1day}= 8.03 inches

Q_{25yr-3day}= 13.47 inches

Q_{100yr-3day}= 18.44 inches

B. Calculate the Runoff Volume

V= Q x Project Area (1 ft / 12 in)

C. Neglecting discharge and using the stage-storage chart and the calculated runoff volumes, the stages can be interpolated.

V_{5yr-1hr}= 0.08 ac-ft

V_{10yr-1day}= 0.32 ac-ft

V_{25yr-3day}= 0.54 ac-ft

V_{100yr-3day}= 0.74 ac-ft

Stage_{5yr-1hr}= 4.97 ft

Stage_{10yr-1day}= 6.72 ft

Stage_{25yr-3day}= 7.79 ft

Stage_{100yr-3day}= 8.70 ft

Water Quality Calculations

A. Compute the first inch of runoff from the entire site.

$$\begin{aligned} &= 1 \text{ inch} \times \text{Total Area} \times (1 \text{ ft} / 12 \text{ in}) \\ &= 0.04 \text{ ac-ft} \quad \textbf{(CONTROLS)} \end{aligned}$$

B. Compute 2.5 inches times the percentage of imperviousness.

a. Site Area (SA), for water quality pervious/impervious calculations~~only~~

$$\begin{aligned} \text{SA} &= \text{Total Area} - (\text{roof} + \text{lake}) \\ &= 0.22 \text{ Acres} \end{aligned}$$

b. Impervious Area (IA), for water quality pervious/impervious calculations~~only~~

$$\begin{aligned} \text{IA} &= \text{Site Area(SA)} - \text{Pervious Area} \\ &= 0.06 \text{ Acres} \end{aligned}$$

c. Percentage of imperviousness for water quality

$$\begin{aligned} \% \text{imp} &= (\text{IA} / \text{SA}) \times 100\% \\ &= 27.25 \% \end{aligned}$$

d. For 2.5 inches times percentage of imperviousness

$$\begin{aligned} &= 2.5 \text{ inches} \times \% \text{imp} \\ &= 0.68 \text{ inches} \end{aligned}$$

e. Compute volume required for quality detention

$$\begin{aligned} &= \text{inches to be treated} \times (\text{total} - \text{lake}) \times (1 \text{ ft} / 12 \text{ in}) \\ &= 0.027 \text{ ac-ft} \end{aligned}$$

C. Since the first inch of runoff over the entire site is greater than 2.5 inches times the percentage of impervious, the volume to be treated is:

$$\text{Volume to be treated} = 0.040 \text{ ac-ft}$$

The Water Quality Treatment is collected and stored in the exfiltration trench.

D. Water Quality Pretreatment prior to Well Discharge

$$\text{Controlling Volume} = 0.040 \text{ ac-ft} \quad \text{From C. above}$$

$$\text{Pretreatment provided in exfil trench at elevation} = 3.34 \text{ ft} \quad \text{Pretreatment Satisfied}$$

POST DEVELOPMENT STAGE & DISCHARGE RESULTS

<u>STORM EVENT</u>	<u>PRE DEVELOPMENT</u> Stage (Ft-NAVD) without well	<u>POST DEVELOPMENT</u> Stage(Ft-NAVD) without well	<u>POST DEVELOPMENT</u> Stage(Ft-NAVD) with well	<u>POST DEVELOPMENT</u> Well Discharge (cfs)
5yr-1day	5.69	4.97		
10yr-1day	6.89	6.72	6.41	0.22
25yr-3day	7.84	7.79	6.48	0.45
100yr-3day	8.71	8.70	6.90	0.45

DRAINAGE WELL DISCHARGE**WELL CAPACITY**

$$\begin{aligned}
 q_{\text{well}} &= 100 \text{ gpm per foot of head} \\
 \text{Number of Wells Proposed} &= 1 \\
 \text{Total Well Capacity} &= \text{Number of Wells} \times \text{Assumed Well Capacity} \\
 &= 1 \times 100 \\
 &= 100 \text{ gpm per foot of head} \\
 &= 0.22 \text{ cfs per foot of head}
 \end{aligned}$$

WELL CASING DESIGN

Well Casing shall be designed at or above the elevation of static equilibrium. Maximum static equilibrium elevation is determined by adding the mean high water elevation and the head loss due to difference in specific gravity from fresh water to salt water.

$$\begin{aligned}
 \text{Mean High Water Elevation} &= 2.50 \text{ feet (NAVD)} \\
 \text{Head Loss per Specific Gravity Equalization} &= 2 \text{ feet} \\
 \text{Equivalent Well Water Elevation} &= 4.5 \text{ feet (NAVD)} \\
 \text{Proposed Top of Well Casing Elevation} &= 2.50 \text{ feet (NAVD)}
 \end{aligned}$$

WELL DISCHARGE

Discharge into the well is a function of the head on the well times the total well capacity. The head on the well is the difference between the Stage and the Equivalent Well Water Elevation (after overtoping the well casing).

STAGE (feet)	HEAD* (feet)	DISCHARGE (cfs)	DISCHARGE (gpm)
2.50	0	0.00	0
4.50	0.0	0.00	0
4.75	0.25	0.06	25
5.00	0.5	0.11	50
5.50	1.0	0.22	100
6.00	1.5	0.33	150
6.50	2.0	0.45	200
7.00	2.5	0.56	250
7.50	3.0	0.67	300
8.00	3.5	0.78	350
8.50	4.0	0.89	400

1 WELLS
STAGE, STORAGE & DISCHARGE TABLE

	AC-FT	CFS	GPM
0	0	0	0
0	0	0	0
2.50	0.000	0.00	0.00
3.00	0.024	0.00	0.00
3.50	0.048	0.00	0.00
4.00	0.048	0.00	0.00
4.50	0.056	0.00	0.00
4.75	0.066	0.06	25.00
5.00	0.081	0.11	50.00
5.50	0.127	0.22	100.00
6.00	0.193	0.33	150.00
6.50	0.279	0.45	200.00
7.00	0.377	0.56	250.00
7.50	0.478	0.67	300.00
8.00	0.588	0.78	350.00

Project Name: 3305 SE 5 St, Pompano

Reviewer: MP

Project Number: 2025-011

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.17 hr, Iterations: 10

Basin 1: Basin 1

Method: Santa Barbara Unit Hydrograph

Rainfall Distribution: SFWMD - 3day

Design Frequency: 10 year

1 Day Rainfall: 9.5 inches

Area: 0.482 acres

Ground Storage: 1.38 inches

Time of Concentration: 0.17 hours

Initial Stage: 2.5 ft NGVD

ALL ELEVATIONS SHOWN IN
THESE CALCULATIONS ARE
IN NAVD.

THIS SOFTWARE PROGRAM
AUTOMATICALLY LABELS
ELEVATIONS AS NGVD AND
DOES NOT ALLOW THE
DATUM TO BE CHANGED.

Stage (ft NGVD)	Storage (acre-ft)
-----	-----
2.50	0.00
3.00	0.02
3.50	0.05
4.00	0.05
4.50	0.06
4.75	0.07
5.00	0.08
5.50	0.13
6.00	0.19
6.50	0.28
7.00	0.38
7.50	0.48
8.00	0.59

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
-----	-----
0.00	4.50
72.00	4.50

Structure: 1

From Basin: Basin 1

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 100 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
=====	=====	=====	=====	=====	=====	=====
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.06	0.00	0.00	0.00	2.50	4.50
2.04	0.12	0.00	0.00	0.00	2.50	4.50
3.06	0.18	0.00	0.00	0.00	2.50	4.50
4.08	0.24	0.00	0.00	0.00	2.50	4.50
4.93	0.28	0.00	0.00	0.00	2.50	4.50
5.95	0.34	0.00	0.00	0.00	2.50	4.50
6.97	0.40	0.00	0.00	0.00	2.51	4.50
7.99	0.46	0.01	0.00	0.00	2.52	4.50
9.01	0.52	0.01	0.00	0.00	2.53	4.50
10.03	0.58	0.01	0.00	0.00	2.54	4.50
11.05	0.64	0.01	0.00	0.00	2.56	4.50
12.07	0.70	0.01	0.00	0.00	2.58	4.50
12.92	0.75	0.01	0.00	0.00	2.60	4.50
13.94	0.81	0.01	0.00	0.00	2.62	4.50
14.96	0.86	0.01	0.00	0.00	2.64	4.50
15.98	0.92	0.01	0.00	0.00	2.67	4.50
17.00	0.98	0.02	0.00	0.00	2.70	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
18.02	1.04	0.02	0.00	0.00	2.72	4.50
19.04	1.10	0.02	0.00	0.00	2.75	4.50
20.06	1.16	0.02	0.00	0.00	2.78	4.50
21.08	1.22	0.02	0.00	0.00	2.81	4.50
21.93	1.27	0.02	0.00	0.00	2.84	4.50
22.95	1.33	0.02	0.00	0.00	2.87	4.50
23.97	1.39	0.02	0.00	0.00	2.91	4.50
24.99	1.47	0.03	0.00	0.00	2.95	4.50
26.01	1.56	0.03	0.00	0.00	3.01	4.50
27.03	1.64	0.03	0.00	0.00	3.06	4.50
28.05	1.73	0.03	0.00	0.00	3.11	4.50
29.07	1.81	0.03	0.00	0.00	3.17	4.50
29.92	1.89	0.03	0.00	0.00	3.22	4.50
30.94	1.97	0.03	0.00	0.00	3.27	4.50
31.96	2.06	0.03	0.00	0.00	3.33	4.50
32.98	2.14	0.03	0.00	0.00	3.39	4.50
34.00	2.23	0.03	0.00	0.00	3.45	4.50
35.02	2.32	0.03	0.00	0.00	4.02	4.50
36.04	2.40	0.03	0.00	0.00	4.20	4.50
37.06	2.49	0.03	0.00	0.00	4.39	4.50
38.08	2.57	0.04	0.00	0.00	4.53	4.50
38.93	2.65	0.04	0.00	0.00	4.59	4.50
39.95	2.73	0.04	0.00	0.00	4.66	4.50
40.97	2.82	0.04	0.00	0.00	4.74	4.50
41.99	2.90	0.04	0.00	0.00	4.79	4.50
43.01	2.99	0.04	0.00	0.00	4.84	4.50
44.03	3.08	0.04	0.00	0.00	4.90	4.50
45.05	3.16	0.04	0.00	0.00	4.95	4.50
46.07	3.25	0.04	0.00	0.00	5.00	4.50
46.92	3.32	0.04	0.00	0.00	5.03	4.50
47.94	3.41	0.04	0.00	0.00	5.06	4.50
48.96	3.50	0.04	0.00	0.00	5.10	4.50
49.98	3.60	0.04	0.00	0.00	5.14	4.50
51.00	3.71	0.05	0.00	0.00	5.18	4.50
52.02	3.84	0.06	0.00	0.00	5.23	4.50
53.04	4.01	0.08	0.00	0.00	5.30	4.50
54.06	4.21	0.10	0.00	0.00	5.38	4.50
55.08	4.46	0.11	0.00	0.00	5.47	4.50
55.93	4.69	0.13	0.22	0.01	5.45	4.50
56.95	5.02	0.16	0.22	0.03	5.37	4.50
57.97	5.42	0.19	0.22	0.05	5.33	4.50
58.99	5.96	0.28	0.22	0.07	5.34	4.50
60.01	9.66	2.83	0.22	0.09	6.04	4.50
61.03	10.71	0.36	0.22	0.11	6.39	4.50
62.05	11.20	0.20	0.22	0.13	6.40	4.50
63.07	11.51	0.14	0.22	0.14	6.37	4.50
63.92	11.75	0.14	0.22	0.16	6.34	4.50
64.94	11.93	0.08	0.22	0.18	6.28	4.50
65.96	12.11	0.08	0.22	0.20	6.21	4.50
66.98	12.28	0.08	0.22	0.22	6.14	4.50
68.00	12.45	0.08	0.22	0.23	6.07	4.50
69.02	12.57	0.05	0.22	0.25	5.99	4.50
70.04	12.69	0.05	0.22	0.27	5.88	4.50
71.06	12.80	0.05	0.22	0.29	5.77	4.50
72.08	12.91	0.04	0.22	0.31	5.66	4.50
72.93	12.91	0.00	0.22	0.33	5.55	4.50

Structure: 2

From Basin: Basin 1

To Basin: Offsite1

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 200 gpm



PZ25-12000046

04/15/2026

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.06	0.00	0.00	0.00	2.50	4.50
2.04	0.12	0.00	0.00	0.00	2.50	4.50
3.06	0.18	0.00	0.00	0.00	2.50	4.50
4.08	0.24	0.00	0.00	0.00	2.50	4.50
4.93	0.28	0.00	0.00	0.00	2.50	4.50
5.95	0.34	0.00	0.00	0.00	2.50	4.50
6.97	0.40	0.00	0.00	0.00	2.51	4.50
7.99	0.46	0.01	0.00	0.00	2.52	4.50
9.01	0.52	0.01	0.00	0.00	2.53	4.50
10.03	0.58	0.01	0.00	0.00	2.54	4.50
11.05	0.64	0.01	0.00	0.00	2.56	4.50
12.07	0.70	0.01	0.00	0.00	2.58	4.50
12.92	0.75	0.01	0.00	0.00	2.60	4.50
13.94	0.81	0.01	0.00	0.00	2.62	4.50
14.96	0.86	0.01	0.00	0.00	2.64	4.50
15.98	0.92	0.01	0.00	0.00	2.67	4.50
17.00	0.98	0.02	0.00	0.00	2.70	4.50
18.02	1.04	0.02	0.00	0.00	2.72	4.50
19.04	1.10	0.02	0.00	0.00	2.75	4.50
20.06	1.16	0.02	0.00	0.00	2.78	4.50
21.08	1.22	0.02	0.00	0.00	2.81	4.50
21.93	1.27	0.02	0.00	0.00	2.84	4.50
22.95	1.33	0.02	0.00	0.00	2.87	4.50
23.97	1.39	0.02	0.00	0.00	2.91	4.50
24.99	1.47	0.03	0.00	0.00	2.95	4.50
26.01	1.56	0.03	0.00	0.00	3.01	4.50
27.03	1.64	0.03	0.00	0.00	3.06	4.50
28.05	1.73	0.03	0.00	0.00	3.11	4.50
29.07	1.81	0.03	0.00	0.00	3.17	4.50
29.92	1.89	0.03	0.00	0.00	3.22	4.50
30.94	1.97	0.03	0.00	0.00	3.27	4.50
31.96	2.06	0.03	0.00	0.00	3.33	4.50
32.98	2.14	0.03	0.00	0.00	3.39	4.50
34.00	2.23	0.03	0.00	0.00	3.45	4.50
35.02	2.32	0.03	0.00	0.00	4.02	4.50
36.04	2.40	0.03	0.00	0.00	4.20	4.50
37.06	2.49	0.03	0.00	0.00	4.39	4.50
38.08	2.57	0.04	0.00	0.00	4.53	4.50
38.93	2.65	0.04	0.00	0.00	4.59	4.50
39.95	2.73	0.04	0.00	0.00	4.66	4.50
40.97	2.82	0.04	0.00	0.00	4.74	4.50
41.99	2.90	0.04	0.00	0.00	4.79	4.50
43.01	2.99	0.04	0.00	0.00	4.84	4.50
44.03	3.08	0.04	0.00	0.00	4.90	4.50
45.05	3.16	0.04	0.00	0.00	4.95	4.50
46.07	3.25	0.04	0.00	0.00	5.00	4.50
46.92	3.32	0.04	0.00	0.00	5.03	4.50
47.94	3.41	0.04	0.00	0.00	5.06	4.50
48.96	3.50	0.04	0.00	0.00	5.10	4.50
49.98	3.60	0.04	0.00	0.00	5.14	4.50
51.00	3.71	0.05	0.00	0.00	5.18	4.50
52.02	3.84	0.06	0.00	0.00	5.23	4.50
53.04	4.01	0.08	0.00	0.00	5.30	4.50
54.06	4.21	0.10	0.00	0.00	5.38	4.50
55.08	4.46	0.11	0.00	0.00	5.47	4.50
55.93	4.69	0.13	0.00	0.00	5.45	4.50
56.95	5.02	0.16	0.00	0.00	5.37	4.50
57.97	5.42	0.19	0.00	0.00	5.33	4.50
58.99	5.96	0.28	0.00	0.00	5.34	4.50
60.01	9.66	2.83	0.00	0.00	6.04	4.50
61.03	10.71	0.36	0.00	0.00	6.39	4.50
62.05	11.20	0.20	0.00	0.00	6.40	4.50
63.07	11.51	0.14	0.00	0.00	6.37	4.50
63.92	11.75	0.14	0.00	0.00	6.34	4.50
64.94	11.93	0.08	0.00	0.00	6.28	4.50
65.96	12.11	0.08	0.00	0.00	6.21	4.50
66.98	12.28	0.08	0.00	0.00	6.14	4.50
68.00	12.45	0.08	0.00	0.00	6.07	4.50
69.02	12.57	0.05	0.00	0.00	5.99	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.04	12.69	0.05	0.00	0.00	5.88	4.50
71.06	12.80	0.05	0.00	0.00	5.77	4.50
72.08	12.91	0.04	0.00	0.00	5.66	4.50
72.93	12.91	0.00	0.00	0.00	5.55	4.50

Structure: 3

From Basin: Basin 1

To Basin: Offsitet

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 300 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.06	0.00	0.00	0.00	2.50	4.50
2.04	0.12	0.00	0.00	0.00	2.50	4.50
3.06	0.18	0.00	0.00	0.00	2.50	4.50
4.08	0.24	0.00	0.00	0.00	2.50	4.50
4.93	0.28	0.00	0.00	0.00	2.50	4.50
5.95	0.34	0.00	0.00	0.00	2.50	4.50
6.97	0.40	0.00	0.00	0.00	2.51	4.50
7.99	0.46	0.01	0.00	0.00	2.52	4.50
9.01	0.52	0.01	0.00	0.00	2.53	4.50
10.03	0.58	0.01	0.00	0.00	2.54	4.50
11.05	0.64	0.01	0.00	0.00	2.56	4.50
12.07	0.70	0.01	0.00	0.00	2.58	4.50
12.92	0.75	0.01	0.00	0.00	2.60	4.50
13.94	0.81	0.01	0.00	0.00	2.62	4.50
14.96	0.86	0.01	0.00	0.00	2.64	4.50
15.98	0.92	0.01	0.00	0.00	2.67	4.50
17.00	0.98	0.02	0.00	0.00	2.70	4.50
18.02	1.04	0.02	0.00	0.00	2.72	4.50
19.04	1.10	0.02	0.00	0.00	2.75	4.50
20.06	1.16	0.02	0.00	0.00	2.78	4.50
21.08	1.22	0.02	0.00	0.00	2.81	4.50
21.93	1.27	0.02	0.00	0.00	2.84	4.50
22.95	1.33	0.02	0.00	0.00	2.87	4.50
23.97	1.39	0.02	0.00	0.00	2.91	4.50
24.99	1.47	0.03	0.00	0.00	2.95	4.50
26.01	1.56	0.03	0.00	0.00	3.01	4.50
27.03	1.64	0.03	0.00	0.00	3.06	4.50
28.05	1.73	0.03	0.00	0.00	3.11	4.50
29.07	1.81	0.03	0.00	0.00	3.17	4.50
29.92	1.89	0.03	0.00	0.00	3.22	4.50
30.94	1.97	0.03	0.00	0.00	3.27	4.50
31.96	2.06	0.03	0.00	0.00	3.33	4.50
32.98	2.14	0.03	0.00	0.00	3.39	4.50
34.00	2.23	0.03	0.00	0.00	3.45	4.50
35.02	2.32	0.03	0.00	0.00	4.02	4.50
36.04	2.40	0.03	0.00	0.00	4.20	4.50
37.06	2.49	0.03	0.00	0.00	4.39	4.50
38.08	2.57	0.04	0.00	0.00	4.53	4.50
38.93	2.65	0.04	0.00	0.00	4.59	4.50
39.95	2.73	0.04	0.00	0.00	4.66	4.50
40.97	2.82	0.04	0.00	0.00	4.74	4.50
41.99	2.90	0.04	0.00	0.00	4.79	4.50
43.01	2.99	0.04	0.00	0.00	4.84	4.50
44.03	3.08	0.04	0.00	0.00	4.90	4.50
45.05	3.16	0.04	0.00	0.00	4.95	4.50
46.07	3.25	0.04	0.00	0.00	5.00	4.50
46.92	3.32	0.04	0.00	0.00	5.03	4.50
47.94	3.41	0.04	0.00	0.00	5.06	4.50
48.96	3.50	0.04	0.00	0.00	5.10	4.50
49.98	3.60	0.04	0.00	0.00	5.14	4.50
51.00	3.71	0.05	0.00	0.00	5.18	4.50
52.02	3.84	0.06	0.00	0.00	5.23	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.04	4.01	0.08	0.00	0.00	5.30	4.50
54.06	4.21	0.10	0.00	0.00	5.38	4.50
55.08	4.46	0.11	0.00	0.00	5.47	4.50
55.93	4.69	0.13	0.00	0.00	5.45	4.50
56.95	5.02	0.16	0.00	0.00	5.37	4.50
57.97	5.42	0.19	0.00	0.00	5.33	4.50
58.99	5.96	0.28	0.00	0.00	5.34	4.50
60.01	9.66	2.83	0.00	0.00	6.04	4.50
61.03	10.71	0.36	0.00	0.00	6.39	4.50
62.05	11.20	0.20	0.00	0.00	6.40	4.50
63.07	11.51	0.14	0.00	0.00	6.37	4.50
63.92	11.75	0.14	0.00	0.00	6.34	4.50
64.94	11.93	0.08	0.00	0.00	6.28	4.50
65.96	12.11	0.08	0.00	0.00	6.21	4.50
66.98	12.28	0.08	0.00	0.00	6.14	4.50
68.00	12.45	0.08	0.00	0.00	6.07	4.50
69.02	12.57	0.05	0.00	0.00	5.99	4.50
70.04	12.69	0.05	0.00	0.00	5.88	4.50
71.06	12.80	0.05	0.00	0.00	5.77	4.50
72.08	12.91	0.04	0.00	0.00	5.66	4.50
72.93	12.91	0.00	0.00	0.00	5.55	4.50

Structure: 4

From Basin: Basin 1

To Basin: Offsitel

Structure Type: Pump

On Elev = 8 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 350 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.06	0.00	0.00	0.00	2.50	4.50
2.04	0.12	0.00	0.00	0.00	2.50	4.50
3.06	0.18	0.00	0.00	0.00	2.50	4.50
4.08	0.24	0.00	0.00	0.00	2.50	4.50
4.93	0.28	0.00	0.00	0.00	2.50	4.50
5.95	0.34	0.00	0.00	0.00	2.50	4.50
6.97	0.40	0.00	0.00	0.00	2.51	4.50
7.99	0.46	0.01	0.00	0.00	2.52	4.50
9.01	0.52	0.01	0.00	0.00	2.53	4.50
10.03	0.58	0.01	0.00	0.00	2.54	4.50
11.05	0.64	0.01	0.00	0.00	2.56	4.50
12.07	0.70	0.01	0.00	0.00	2.58	4.50
12.92	0.75	0.01	0.00	0.00	2.60	4.50
13.94	0.81	0.01	0.00	0.00	2.62	4.50
14.96	0.86	0.01	0.00	0.00	2.64	4.50
15.98	0.92	0.01	0.00	0.00	2.67	4.50
17.00	0.98	0.02	0.00	0.00	2.70	4.50
18.02	1.04	0.02	0.00	0.00	2.72	4.50
19.04	1.10	0.02	0.00	0.00	2.75	4.50
20.06	1.16	0.02	0.00	0.00	2.78	4.50
21.08	1.22	0.02	0.00	0.00	2.81	4.50
21.93	1.27	0.02	0.00	0.00	2.84	4.50
22.95	1.33	0.02	0.00	0.00	2.87	4.50
23.97	1.39	0.02	0.00	0.00	2.91	4.50
24.99	1.47	0.03	0.00	0.00	2.95	4.50
26.01	1.56	0.03	0.00	0.00	3.01	4.50
27.03	1.64	0.03	0.00	0.00	3.06	4.50
28.05	1.73	0.03	0.00	0.00	3.11	4.50
29.07	1.81	0.03	0.00	0.00	3.17	4.50
29.92	1.89	0.03	0.00	0.00	3.22	4.50
30.94	1.97	0.03	0.00	0.00	3.27	4.50
31.96	2.06	0.03	0.00	0.00	3.33	4.50
32.98	2.14	0.03	0.00	0.00	3.39	4.50
34.00	2.23	0.03	0.00	0.00	3.45	4.50
35.02	2.32	0.03	0.00	0.00	4.02	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
36.04	2.40	0.03	0.00	0.00	4.20	4.50
37.06	2.49	0.03	0.00	0.00	4.39	4.50
38.08	2.57	0.04	0.00	0.00	4.53	4.50
38.93	2.65	0.04	0.00	0.00	4.59	4.50
39.95	2.73	0.04	0.00	0.00	4.66	4.50
40.97	2.82	0.04	0.00	0.00	4.74	4.50
41.99	2.90	0.04	0.00	0.00	4.79	4.50
43.01	2.99	0.04	0.00	0.00	4.84	4.50
44.03	3.08	0.04	0.00	0.00	4.90	4.50
45.05	3.16	0.04	0.00	0.00	4.95	4.50
46.07	3.25	0.04	0.00	0.00	5.00	4.50
46.92	3.32	0.04	0.00	0.00	5.03	4.50
47.94	3.41	0.04	0.00	0.00	5.06	4.50
48.96	3.50	0.04	0.00	0.00	5.10	4.50
49.98	3.60	0.04	0.00	0.00	5.14	4.50
51.00	3.71	0.05	0.00	0.00	5.18	4.50
52.02	3.84	0.06	0.00	0.00	5.23	4.50
53.04	4.01	0.08	0.00	0.00	5.30	4.50
54.06	4.21	0.10	0.00	0.00	5.38	4.50
55.08	4.46	0.11	0.00	0.00	5.47	4.50
55.93	4.69	0.13	0.00	0.00	5.45	4.50
56.95	5.02	0.16	0.00	0.00	5.37	4.50
57.97	5.42	0.19	0.00	0.00	5.33	4.50
58.99	5.96	0.28	0.00	0.00	5.34	4.50
60.01	9.66	2.83	0.00	0.00	6.04	4.50
61.03	10.71	0.36	0.00	0.00	6.39	4.50
62.05	11.20	0.20	0.00	0.00	6.40	4.50
63.07	11.51	0.14	0.00	0.00	6.37	4.50
63.92	11.75	0.14	0.00	0.00	6.34	4.50
64.94	11.93	0.08	0.00	0.00	6.28	4.50
65.96	12.11	0.08	0.00	0.00	6.21	4.50
66.98	12.28	0.08	0.00	0.00	6.14	4.50
68.00	12.45	0.08	0.00	0.00	6.07	4.50
69.02	12.57	0.05	0.00	0.00	5.99	4.50
70.04	12.69	0.05	0.00	0.00	5.88	4.50
71.06	12.80	0.05	0.00	0.00	5.77	4.50
72.08	12.91	0.04	0.00	0.00	5.66	4.50
72.93	12.91	0.00	0.00	0.00	5.55	4.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.22	55.42	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Basin 1	6.41	61.71	2.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Basin 1	0.46	0.00	0.33	0.00	0.12	0.00

Project Name: 3305 SE 5 St, Pompano

Reviewer: MP

Project Number: 2025-011

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.17 hr, Iterations: 10

Basin 1: Basin 1

Method: Santa Barbara Unit Hydrograph

Rainfall Distribution: SFWMD - 3day

Design Frequency: 25 year

3 Day Rainfall: 15 inches

Area: 0.482 acres

Ground Storage: 1.38 inches

Time of Concentration: 0.17 hours

Initial Stage: 2.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
2.50	0.00
3.00	0.02
3.50	0.05
4.00	0.05
4.50	0.06
4.75	0.07
5.00	0.08
5.50	0.13
6.00	0.19
6.50	0.28
7.00	0.38
7.50	0.48
8.00	0.59

ALL ELEVATIONS SHOWN IN
THESE CALCULATIONS ARE IN
NAVD.

THIS SOFTWARE PROGRAM
AUTOMATICALLY LABELS
ELEVATIONS AS NGVD AND
DOES NOT ALLOW THE DATUM
TO BE CHANGED.

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
0.00	4.50
72.00	4.50

Structure: 1

From Basin: Basin 1

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 100 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.07	0.00	0.00	0.00	2.50	4.50
2.04	0.14	0.00	0.00	0.00	2.50	4.50
3.06	0.21	0.00	0.00	0.00	2.50	4.50
4.08	0.27	0.00	0.00	0.00	2.50	4.50
4.93	0.33	0.00	0.00	0.00	2.50	4.50
5.95	0.40	0.00	0.00	0.00	2.51	4.50
6.97	0.47	0.01	0.00	0.00	2.52	4.50
7.99	0.54	0.01	0.00	0.00	2.53	4.50
9.01	0.60	0.01	0.00	0.00	2.55	4.50
10.03	0.67	0.01	0.00	0.00	2.57	4.50
11.05	0.74	0.01	0.00	0.00	2.59	4.50
12.07	0.81	0.02	0.00	0.00	2.62	4.50
12.92	0.87	0.02	0.00	0.00	2.64	4.50
13.94	0.94	0.02	0.00	0.00	2.67	4.50
14.96	1.00	0.02	0.00	0.00	2.70	4.50
15.98	1.07	0.02	0.00	0.00	2.74	4.50
17.00	1.14	0.02	0.00	0.00	2.77	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
18.02	1.21	0.02	0.00	0.00	2.81	4.50
19.04	1.28	0.02	0.00	0.00	2.85	4.50
20.06	1.35	0.02	0.00	0.00	2.88	4.50
21.08	1.42	0.02	0.00	0.00	2.92	4.50
21.93	1.47	0.02	0.00	0.00	2.96	4.50
22.95	1.54	0.02	0.00	0.00	3.00	4.50
23.97	1.61	0.02	0.00	0.00	3.04	4.50
24.99	1.71	0.04	0.00	0.00	3.10	4.50
26.01	1.81	0.04	0.00	0.00	3.16	4.50
27.03	1.91	0.04	0.00	0.00	3.23	4.50
28.05	2.01	0.04	0.00	0.00	3.29	4.50
29.07	2.11	0.04	0.00	0.00	3.36	4.50
29.92	2.19	0.04	0.00	0.00	3.42	4.50
30.94	2.29	0.04	0.00	0.00	3.49	4.50
31.96	2.39	0.04	0.00	0.00	4.17	4.50
32.98	2.49	0.04	0.00	0.00	4.39	4.50
34.00	2.59	0.04	0.00	0.00	4.54	4.50
35.02	2.69	0.04	0.00	0.00	4.63	4.50
36.04	2.79	0.04	0.00	0.00	4.71	4.50
37.06	2.89	0.04	0.00	0.00	4.78	4.50
38.08	2.99	0.04	0.00	0.00	4.84	4.50
38.93	3.07	0.04	0.00	0.00	4.89	4.50
39.95	3.17	0.04	0.00	0.00	4.95	4.50
40.97	3.27	0.04	0.00	0.00	5.01	4.50
41.99	3.37	0.04	0.00	0.00	5.05	4.50
43.01	3.47	0.04	0.00	0.00	5.09	4.50
44.03	3.57	0.04	0.00	0.00	5.13	4.50
45.05	3.67	0.04	0.00	0.00	5.17	4.50
46.07	3.77	0.04	0.00	0.00	5.21	4.50
46.92	3.86	0.04	0.00	0.00	5.24	4.50
47.94	3.96	0.04	0.00	0.00	5.28	4.50
48.96	4.07	0.05	0.00	0.00	5.32	4.50
49.98	4.18	0.05	0.00	0.00	5.37	4.50
51.00	4.32	0.06	0.00	0.00	5.42	4.50
52.02	4.46	0.07	0.00	0.00	5.48	4.50
53.04	4.66	0.09	0.22	0.02	5.40	4.50
54.06	4.89	0.11	0.22	0.03	5.30	4.50
55.08	5.18	0.14	0.22	0.05	5.21	4.50
55.93	5.45	0.15	0.22	0.07	5.15	4.50
56.95	5.83	0.18	0.22	0.09	5.10	4.50
57.97	6.30	0.23	0.22	0.11	5.08	4.50
58.99	6.92	0.33	0.22	0.13	5.12	4.50
60.01	11.22	3.30	0.22	0.14	6.03	4.50
61.03	12.45	0.41	0.22	0.16	6.46	4.50
62.05	13.01	0.23	0.22	0.18	6.37	4.50
63.07	13.37	0.16	0.22	0.20	6.13	4.50
63.92	13.65	0.16	0.22	0.22	5.89	4.50
64.94	13.86	0.10	0.22	0.23	5.54	4.50
65.96	14.06	0.10	0.22	0.25	5.41	4.50
66.98	14.27	0.10	0.22	0.27	5.29	4.50
68.00	14.47	0.10	0.22	0.29	5.17	4.50
69.02	14.61	0.06	0.22	0.31	5.03	4.50
70.04	14.74	0.06	0.22	0.33	4.83	4.50
71.06	14.88	0.06	0.22	0.35	4.53	4.50
72.08	15.00	0.04	0.00	0.35	4.62	4.50
72.93	15.00	0.00	0.00	0.35	4.64	4.50

Structure: 2

From Basin: Basin 1

To Basin: Offsite1

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 200 gpm



PZ25-12000046

04/15/2026

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.07	0.00	0.00	0.00	2.50	4.50
2.04	0.14	0.00	0.00	0.00	2.50	4.50
3.06	0.21	0.00	0.00	0.00	2.50	4.50
4.08	0.27	0.00	0.00	0.00	2.50	4.50
4.93	0.33	0.00	0.00	0.00	2.50	4.50
5.95	0.40	0.00	0.00	0.00	2.51	4.50
6.97	0.47	0.01	0.00	0.00	2.52	4.50
7.99	0.54	0.01	0.00	0.00	2.53	4.50
9.01	0.60	0.01	0.00	0.00	2.55	4.50
10.03	0.67	0.01	0.00	0.00	2.57	4.50
11.05	0.74	0.01	0.00	0.00	2.59	4.50
12.07	0.81	0.02	0.00	0.00	2.62	4.50
12.92	0.87	0.02	0.00	0.00	2.64	4.50
13.94	0.94	0.02	0.00	0.00	2.67	4.50
14.96	1.00	0.02	0.00	0.00	2.70	4.50
15.98	1.07	0.02	0.00	0.00	2.74	4.50
17.00	1.14	0.02	0.00	0.00	2.77	4.50
18.02	1.21	0.02	0.00	0.00	2.81	4.50
19.04	1.28	0.02	0.00	0.00	2.85	4.50
20.06	1.35	0.02	0.00	0.00	2.88	4.50
21.08	1.42	0.02	0.00	0.00	2.92	4.50
21.93	1.47	0.02	0.00	0.00	2.96	4.50
22.95	1.54	0.02	0.00	0.00	3.00	4.50
23.97	1.61	0.02	0.00	0.00	3.04	4.50
24.99	1.71	0.04	0.00	0.00	3.10	4.50
26.01	1.81	0.04	0.00	0.00	3.16	4.50
27.03	1.91	0.04	0.00	0.00	3.23	4.50
28.05	2.01	0.04	0.00	0.00	3.29	4.50
29.07	2.11	0.04	0.00	0.00	3.36	4.50
29.92	2.19	0.04	0.00	0.00	3.42	4.50
30.94	2.29	0.04	0.00	0.00	3.49	4.50
31.96	2.39	0.04	0.00	0.00	4.17	4.50
32.98	2.49	0.04	0.00	0.00	4.39	4.50
34.00	2.59	0.04	0.00	0.00	4.54	4.50
35.02	2.69	0.04	0.00	0.00	4.63	4.50
36.04	2.79	0.04	0.00	0.00	4.71	4.50
37.06	2.89	0.04	0.00	0.00	4.78	4.50
38.08	2.99	0.04	0.00	0.00	4.84	4.50
38.93	3.07	0.04	0.00	0.00	4.89	4.50
39.95	3.17	0.04	0.00	0.00	4.95	4.50
40.97	3.27	0.04	0.00	0.00	5.01	4.50
41.99	3.37	0.04	0.00	0.00	5.05	4.50
43.01	3.47	0.04	0.00	0.00	5.09	4.50
44.03	3.57	0.04	0.00	0.00	5.13	4.50
45.05	3.67	0.04	0.00	0.00	5.17	4.50
46.07	3.77	0.04	0.00	0.00	5.21	4.50
46.92	3.86	0.04	0.00	0.00	5.24	4.50
47.94	3.96	0.04	0.00	0.00	5.28	4.50
48.96	4.07	0.05	0.00	0.00	5.32	4.50
49.98	4.18	0.05	0.00	0.00	5.37	4.50
51.00	4.32	0.06	0.00	0.00	5.42	4.50
52.02	4.46	0.07	0.00	0.00	5.48	4.50
53.04	4.66	0.09	0.00	0.00	5.40	4.50
54.06	4.89	0.11	0.00	0.00	5.30	4.50
55.08	5.18	0.14	0.00	0.00	5.21	4.50
55.93	5.45	0.15	0.00	0.00	5.15	4.50
56.95	5.83	0.18	0.00	0.00	5.10	4.50
57.97	6.30	0.23	0.00	0.00	5.08	4.50
58.99	6.92	0.33	0.00	0.00	5.12	4.50
60.01	11.22	3.30	0.00	0.00	6.03	4.50
61.03	12.45	0.41	0.00	0.00	6.46	4.50
62.05	13.01	0.23	0.45	0.03	6.37	4.50
63.07	13.37	0.16	0.45	0.06	6.13	4.50
63.92	13.65	0.16	0.45	0.09	5.89	4.50
64.94	13.86	0.10	0.45	0.13	5.54	4.50
65.96	14.06	0.10	0.00	0.13	5.41	4.50
66.98	14.27	0.10	0.00	0.13	5.29	4.50
68.00	14.47	0.10	0.00	0.13	5.17	4.50
69.02	14.61	0.06	0.00	0.13	5.03	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.04	14.74	0.06	0.00	0.13	4.83	4.50
71.06	14.88	0.06	0.00	0.13	4.53	4.50
72.08	15.00	0.04	0.00	0.13	4.62	4.50
72.93	15.00	0.00	0.00	0.13	4.64	4.50

Structure: 3

From Basin: Basin 1

To Basin: Offsitet

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 300 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.07	0.00	0.00	0.00	2.50	4.50
2.04	0.14	0.00	0.00	0.00	2.50	4.50
3.06	0.21	0.00	0.00	0.00	2.50	4.50
4.08	0.27	0.00	0.00	0.00	2.50	4.50
4.93	0.33	0.00	0.00	0.00	2.50	4.50
5.95	0.40	0.00	0.00	0.00	2.51	4.50
6.97	0.47	0.01	0.00	0.00	2.52	4.50
7.99	0.54	0.01	0.00	0.00	2.53	4.50
9.01	0.60	0.01	0.00	0.00	2.55	4.50
10.03	0.67	0.01	0.00	0.00	2.57	4.50
11.05	0.74	0.01	0.00	0.00	2.59	4.50
12.07	0.81	0.02	0.00	0.00	2.62	4.50
12.92	0.87	0.02	0.00	0.00	2.64	4.50
13.94	0.94	0.02	0.00	0.00	2.67	4.50
14.96	1.00	0.02	0.00	0.00	2.70	4.50
15.98	1.07	0.02	0.00	0.00	2.74	4.50
17.00	1.14	0.02	0.00	0.00	2.77	4.50
18.02	1.21	0.02	0.00	0.00	2.81	4.50
19.04	1.28	0.02	0.00	0.00	2.85	4.50
20.06	1.35	0.02	0.00	0.00	2.88	4.50
21.08	1.42	0.02	0.00	0.00	2.92	4.50
21.93	1.47	0.02	0.00	0.00	2.96	4.50
22.95	1.54	0.02	0.00	0.00	3.00	4.50
23.97	1.61	0.02	0.00	0.00	3.04	4.50
24.99	1.71	0.04	0.00	0.00	3.10	4.50
26.01	1.81	0.04	0.00	0.00	3.16	4.50
27.03	1.91	0.04	0.00	0.00	3.23	4.50
28.05	2.01	0.04	0.00	0.00	3.29	4.50
29.07	2.11	0.04	0.00	0.00	3.36	4.50
29.92	2.19	0.04	0.00	0.00	3.42	4.50
30.94	2.29	0.04	0.00	0.00	3.49	4.50
31.96	2.39	0.04	0.00	0.00	4.17	4.50
32.98	2.49	0.04	0.00	0.00	4.39	4.50
34.00	2.59	0.04	0.00	0.00	4.54	4.50
35.02	2.69	0.04	0.00	0.00	4.63	4.50
36.04	2.79	0.04	0.00	0.00	4.71	4.50
37.06	2.89	0.04	0.00	0.00	4.78	4.50
38.08	2.99	0.04	0.00	0.00	4.84	4.50
38.93	3.07	0.04	0.00	0.00	4.89	4.50
39.95	3.17	0.04	0.00	0.00	4.95	4.50
40.97	3.27	0.04	0.00	0.00	5.01	4.50
41.99	3.37	0.04	0.00	0.00	5.05	4.50
43.01	3.47	0.04	0.00	0.00	5.09	4.50
44.03	3.57	0.04	0.00	0.00	5.13	4.50
45.05	3.67	0.04	0.00	0.00	5.17	4.50
46.07	3.77	0.04	0.00	0.00	5.21	4.50
46.92	3.86	0.04	0.00	0.00	5.24	4.50
47.94	3.96	0.04	0.00	0.00	5.28	4.50
48.96	4.07	0.05	0.00	0.00	5.32	4.50
49.98	4.18	0.05	0.00	0.00	5.37	4.50
51.00	4.32	0.06	0.00	0.00	5.42	4.50
52.02	4.46	0.07	0.00	0.00	5.48	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.04	4.66	0.09	0.00	0.00	5.40	4.50
54.06	4.89	0.11	0.00	0.00	5.30	4.50
55.08	5.18	0.14	0.00	0.00	5.21	4.50
55.93	5.45	0.15	0.00	0.00	5.15	4.50
56.95	5.83	0.18	0.00	0.00	5.10	4.50
57.97	6.30	0.23	0.00	0.00	5.08	4.50
58.99	6.92	0.33	0.00	0.00	5.12	4.50
60.01	11.22	3.30	0.00	0.00	6.03	4.50
61.03	12.45	0.41	0.00	0.00	6.46	4.50
62.05	13.01	0.23	0.00	0.00	6.37	4.50
63.07	13.37	0.16	0.00	0.00	6.13	4.50
63.92	13.65	0.16	0.00	0.00	5.89	4.50
64.94	13.86	0.10	0.00	0.00	5.54	4.50
65.96	14.06	0.10	0.00	0.00	5.41	4.50
66.98	14.27	0.10	0.00	0.00	5.29	4.50
68.00	14.47	0.10	0.00	0.00	5.17	4.50
69.02	14.61	0.06	0.00	0.00	5.03	4.50
70.04	14.74	0.06	0.00	0.00	4.83	4.50
71.06	14.88	0.06	0.00	0.00	4.53	4.50
72.08	15.00	0.04	0.00	0.00	4.62	4.50
72.93	15.00	0.00	0.00	0.00	4.64	4.50

Structure: 4

From Basin: Basin 1

To Basin: Offsitet

Structure Type: Pump

On Elev = 8 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 350 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.07	0.00	0.00	0.00	2.50	4.50
2.04	0.14	0.00	0.00	0.00	2.50	4.50
3.06	0.21	0.00	0.00	0.00	2.50	4.50
4.08	0.27	0.00	0.00	0.00	2.50	4.50
4.93	0.33	0.00	0.00	0.00	2.50	4.50
5.95	0.40	0.00	0.00	0.00	2.51	4.50
6.97	0.47	0.01	0.00	0.00	2.52	4.50
7.99	0.54	0.01	0.00	0.00	2.53	4.50
9.01	0.60	0.01	0.00	0.00	2.55	4.50
10.03	0.67	0.01	0.00	0.00	2.57	4.50
11.05	0.74	0.01	0.00	0.00	2.59	4.50
12.07	0.81	0.02	0.00	0.00	2.62	4.50
12.92	0.87	0.02	0.00	0.00	2.64	4.50
13.94	0.94	0.02	0.00	0.00	2.67	4.50
14.96	1.00	0.02	0.00	0.00	2.70	4.50
15.98	1.07	0.02	0.00	0.00	2.74	4.50
17.00	1.14	0.02	0.00	0.00	2.77	4.50
18.02	1.21	0.02	0.00	0.00	2.81	4.50
19.04	1.28	0.02	0.00	0.00	2.85	4.50
20.06	1.35	0.02	0.00	0.00	2.88	4.50
21.08	1.42	0.02	0.00	0.00	2.92	4.50
21.93	1.47	0.02	0.00	0.00	2.96	4.50
22.95	1.54	0.02	0.00	0.00	3.00	4.50
23.97	1.61	0.02	0.00	0.00	3.04	4.50
24.99	1.71	0.04	0.00	0.00	3.10	4.50
26.01	1.81	0.04	0.00	0.00	3.16	4.50
27.03	1.91	0.04	0.00	0.00	3.23	4.50
28.05	2.01	0.04	0.00	0.00	3.29	4.50
29.07	2.11	0.04	0.00	0.00	3.36	4.50
29.92	2.19	0.04	0.00	0.00	3.42	4.50
30.94	2.29	0.04	0.00	0.00	3.49	4.50
31.96	2.39	0.04	0.00	0.00	4.17	4.50
32.98	2.49	0.04	0.00	0.00	4.39	4.50
34.00	2.59	0.04	0.00	0.00	4.54	4.50
35.02	2.69	0.04	0.00	0.00	4.63	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
36.04	2.79	0.04	0.00	0.00	4.71	4.50
37.06	2.89	0.04	0.00	0.00	4.78	4.50
38.08	2.99	0.04	0.00	0.00	4.84	4.50
38.93	3.07	0.04	0.00	0.00	4.89	4.50
39.95	3.17	0.04	0.00	0.00	4.95	4.50
40.97	3.27	0.04	0.00	0.00	5.01	4.50
41.99	3.37	0.04	0.00	0.00	5.05	4.50
43.01	3.47	0.04	0.00	0.00	5.09	4.50
44.03	3.57	0.04	0.00	0.00	5.13	4.50
45.05	3.67	0.04	0.00	0.00	5.17	4.50
46.07	3.77	0.04	0.00	0.00	5.21	4.50
46.92	3.86	0.04	0.00	0.00	5.24	4.50
47.94	3.96	0.04	0.00	0.00	5.28	4.50
48.96	4.07	0.05	0.00	0.00	5.32	4.50
49.98	4.18	0.05	0.00	0.00	5.37	4.50
51.00	4.32	0.06	0.00	0.00	5.42	4.50
52.02	4.46	0.07	0.00	0.00	5.48	4.50
53.04	4.66	0.09	0.00	0.00	5.40	4.50
54.06	4.89	0.11	0.00	0.00	5.30	4.50
55.08	5.18	0.14	0.00	0.00	5.21	4.50
55.93	5.45	0.15	0.00	0.00	5.15	4.50
56.95	5.83	0.18	0.00	0.00	5.10	4.50
57.97	6.30	0.23	0.00	0.00	5.08	4.50
58.99	6.92	0.33	0.00	0.00	5.12	4.50
60.01	11.22	3.30	0.00	0.00	6.03	4.50
61.03	12.45	0.41	0.00	0.00	6.46	4.50
62.05	13.01	0.23	0.00	0.00	6.37	4.50
63.07	13.37	0.16	0.00	0.00	6.13	4.50
63.92	13.65	0.16	0.00	0.00	5.89	4.50
64.94	13.86	0.10	0.00	0.00	5.54	4.50
65.96	14.06	0.10	0.00	0.00	5.41	4.50
66.98	14.27	0.10	0.00	0.00	5.29	4.50
68.00	14.47	0.10	0.00	0.00	5.17	4.50
69.02	14.61	0.06	0.00	0.00	5.03	4.50
70.04	14.74	0.06	0.00	0.00	4.83	4.50
71.06	14.88	0.06	0.00	0.00	4.53	4.50
72.08	15.00	0.04	0.00	0.00	4.62	4.50
72.93	15.00	0.00	0.00	0.00	4.64	4.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.22	52.36	0.00	0.00
2	0.45	61.54	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Basin 1	6.48	61.37	2.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Basin 1	0.54	0.00	0.48	0.00	0.06	0.00

Project Name: 3305 SE 5 St, Pompano

Reviewer: MP

Project Number: 2025-011

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.17 hr, Iterations: 10

Basin 1: Basin 1

Method: Santa Barbara Unit Hydrograph

Rainfall Distribution: SFWMD - 3day

Design Frequency: 100 year

3 Day Rainfall: 20 inches

Area: 0.482 acres

Ground Storage: 1.38 inches

Time of Concentration: 0.17 hours

Initial Stage: 2.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
2.50	0.00
3.00	0.02
3.50	0.05
4.00	0.05
4.50	0.06
4.75	0.07
5.00	0.08
5.50	0.13
6.00	0.19
6.50	0.28
7.00	0.38
7.50	0.48
8.00	0.59

ALL ELEVATIONS SHOWN IN
THESE CALCULATIONS ARE IN
NAVD.THIS SOFTWARE PROGRAM
AUTOMATICALLY LABELS
ELEVATIONS AS NGVD AND
DOES NOT ALLOW THE DATUM
TO BE CHANGED.

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
0.00	4.50
72.00	4.50

Structure: 1

From Basin: Basin 1

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 100 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.09	0.00	0.00	0.00	2.50	4.50
2.04	0.18	0.00	0.00	0.00	2.50	4.50
3.06	0.27	0.00	0.00	0.00	2.50	4.50
4.08	0.37	0.00	0.00	0.00	2.50	4.50
4.93	0.44	0.01	0.00	0.00	2.51	4.50
5.95	0.53	0.01	0.00	0.00	2.53	4.50
6.97	0.62	0.02	0.00	0.00	2.55	4.50
7.99	0.72	0.02	0.00	0.00	2.58	4.50
9.01	0.81	0.02	0.00	0.00	2.62	4.50
10.03	0.90	0.02	0.00	0.00	2.65	4.50
11.05	0.99	0.02	0.00	0.00	2.70	4.50
12.07	1.08	0.03	0.00	0.00	2.74	4.50
12.92	1.16	0.03	0.00	0.00	2.78	4.50
13.94	1.25	0.03	0.00	0.00	2.83	4.50
14.96	1.34	0.03	0.00	0.00	2.88	4.50
15.98	1.43	0.03	0.00	0.00	2.93	4.50
17.00	1.52	0.03	0.00	0.00	2.98	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
18.02	1.61	0.03	0.00	0.00	3.04	4.50
19.04	1.70	0.03	0.00	0.00	3.10	4.50
20.06	1.80	0.03	0.00	0.00	3.16	4.50
21.08	1.89	0.03	0.00	0.00	3.22	4.50
21.93	1.96	0.03	0.00	0.00	3.27	4.50
22.95	2.05	0.04	0.00	0.00	3.33	4.50
23.97	2.15	0.04	0.00	0.00	3.39	4.50
24.99	2.28	0.05	0.00	0.00	3.47	4.50
26.01	2.41	0.05	0.00	0.00	4.20	4.50
27.03	2.54	0.05	0.00	0.00	4.49	4.50
28.05	2.68	0.05	0.00	0.00	4.61	4.50
29.07	2.81	0.06	0.00	0.00	4.73	4.50
29.92	2.92	0.06	0.00	0.00	4.80	4.50
30.94	3.06	0.06	0.00	0.00	4.88	4.50
31.96	3.19	0.06	0.00	0.00	4.96	4.50
32.98	3.32	0.06	0.00	0.00	5.02	4.50
34.00	3.45	0.06	0.00	0.00	5.08	4.50
35.02	3.59	0.06	0.00	0.00	5.13	4.50
36.04	3.72	0.06	0.00	0.00	5.18	4.50
37.06	3.85	0.06	0.00	0.00	5.24	4.50
38.08	3.99	0.06	0.00	0.00	5.29	4.50
38.93	4.10	0.06	0.00	0.00	5.34	4.50
39.95	4.23	0.06	0.00	0.00	5.39	4.50
40.97	4.37	0.06	0.00	0.00	5.44	4.50
41.99	4.50	0.06	0.00	0.00	5.50	4.50
43.01	4.63	0.06	0.22	0.02	5.37	4.50
44.03	4.76	0.06	0.22	0.04	5.22	4.50
45.05	4.90	0.06	0.22	0.06	5.07	4.50
46.07	5.03	0.06	0.22	0.08	4.88	4.50
46.92	5.14	0.06	0.22	0.09	4.65	4.50
47.94	5.28	0.06	0.00	0.10	4.58	4.50
48.96	5.42	0.07	0.00	0.10	4.72	4.50
49.98	5.57	0.07	0.00	0.10	4.83	4.50
51.00	5.75	0.08	0.00	0.10	4.94	4.50
52.02	5.95	0.10	0.00	0.10	5.04	4.50
53.04	6.21	0.13	0.00	0.10	5.14	4.50
54.06	6.53	0.15	0.00	0.10	5.27	4.50
55.08	6.91	0.18	0.00	0.10	5.43	4.50
55.93	7.27	0.21	0.22	0.11	5.49	4.50
56.95	7.77	0.25	0.22	0.13	5.50	4.50
57.97	8.40	0.31	0.22	0.14	5.54	4.50
58.99	9.23	0.44	0.22	0.16	5.63	4.50
60.01	14.96	4.43	0.22	0.18	6.55	4.50
61.03	16.60	0.56	0.22	0.20	6.89	4.50
62.05	17.35	0.31	0.22	0.22	6.78	4.50
63.07	17.82	0.21	0.22	0.24	6.60	4.50
63.92	18.20	0.21	0.22	0.25	6.42	4.50
64.94	18.48	0.13	0.22	0.27	6.17	4.50
65.96	18.75	0.13	0.22	0.29	5.88	4.50
66.98	19.02	0.13	0.22	0.31	5.53	4.50
68.00	19.29	0.13	0.22	0.33	5.42	4.50
69.02	19.47	0.09	0.22	0.35	5.30	4.50
70.04	19.65	0.09	0.22	0.37	5.18	4.50
71.06	19.83	0.09	0.22	0.39	5.05	4.50
72.08	20.00	0.06	0.22	0.40	4.88	4.50
72.93	20.00	0.00	0.22	0.42	4.58	4.50

Structure: 2

From Basin: Basin 1

To Basin: Offsite1

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 200 gpm



PZ25-12000046

04/15/2026

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.09	0.00	0.00	0.00	2.50	4.50
2.04	0.18	0.00	0.00	0.00	2.50	4.50
3.06	0.27	0.00	0.00	0.00	2.50	4.50
4.08	0.37	0.00	0.00	0.00	2.50	4.50
4.93	0.44	0.01	0.00	0.00	2.51	4.50
5.95	0.53	0.01	0.00	0.00	2.53	4.50
6.97	0.62	0.02	0.00	0.00	2.55	4.50
7.99	0.72	0.02	0.00	0.00	2.58	4.50
9.01	0.81	0.02	0.00	0.00	2.62	4.50
10.03	0.90	0.02	0.00	0.00	2.65	4.50
11.05	0.99	0.02	0.00	0.00	2.70	4.50
12.07	1.08	0.03	0.00	0.00	2.74	4.50
12.92	1.16	0.03	0.00	0.00	2.78	4.50
13.94	1.25	0.03	0.00	0.00	2.83	4.50
14.96	1.34	0.03	0.00	0.00	2.88	4.50
15.98	1.43	0.03	0.00	0.00	2.93	4.50
17.00	1.52	0.03	0.00	0.00	2.98	4.50
18.02	1.61	0.03	0.00	0.00	3.04	4.50
19.04	1.70	0.03	0.00	0.00	3.10	4.50
20.06	1.80	0.03	0.00	0.00	3.16	4.50
21.08	1.89	0.03	0.00	0.00	3.22	4.50
21.93	1.96	0.03	0.00	0.00	3.27	4.50
22.95	2.05	0.04	0.00	0.00	3.33	4.50
23.97	2.15	0.04	0.00	0.00	3.39	4.50
24.99	2.28	0.05	0.00	0.00	3.47	4.50
26.01	2.41	0.05	0.00	0.00	4.20	4.50
27.03	2.54	0.05	0.00	0.00	4.49	4.50
28.05	2.68	0.05	0.00	0.00	4.61	4.50
29.07	2.81	0.06	0.00	0.00	4.73	4.50
29.92	2.92	0.06	0.00	0.00	4.80	4.50
30.94	3.06	0.06	0.00	0.00	4.88	4.50
31.96	3.19	0.06	0.00	0.00	4.96	4.50
32.98	3.32	0.06	0.00	0.00	5.02	4.50
34.00	3.45	0.06	0.00	0.00	5.08	4.50
35.02	3.59	0.06	0.00	0.00	5.13	4.50
36.04	3.72	0.06	0.00	0.00	5.18	4.50
37.06	3.85	0.06	0.00	0.00	5.24	4.50
38.08	3.99	0.06	0.00	0.00	5.29	4.50
38.93	4.10	0.06	0.00	0.00	5.34	4.50
39.95	4.23	0.06	0.00	0.00	5.39	4.50
40.97	4.37	0.06	0.00	0.00	5.44	4.50
41.99	4.50	0.06	0.00	0.00	5.50	4.50
43.01	4.63	0.06	0.00	0.00	5.37	4.50
44.03	4.76	0.06	0.00	0.00	5.22	4.50
45.05	4.90	0.06	0.00	0.00	5.07	4.50
46.07	5.03	0.06	0.00	0.00	4.88	4.50
46.92	5.14	0.06	0.00	0.00	4.65	4.50
47.94	5.28	0.06	0.00	0.00	4.58	4.50
48.96	5.42	0.07	0.00	0.00	4.72	4.50
49.98	5.57	0.07	0.00	0.00	4.83	4.50
51.00	5.75	0.08	0.00	0.00	4.94	4.50
52.02	5.95	0.10	0.00	0.00	5.04	4.50
53.04	6.21	0.13	0.00	0.00	5.14	4.50
54.06	6.53	0.15	0.00	0.00	5.27	4.50
55.08	6.91	0.18	0.00	0.00	5.43	4.50
55.93	7.27	0.21	0.00	0.00	5.49	4.50
56.95	7.77	0.25	0.00	0.00	5.50	4.50
57.97	8.40	0.31	0.00	0.00	5.54	4.50
58.99	9.23	0.44	0.00	0.00	5.63	4.50
60.01	14.96	4.43	0.45	0.01	6.55	4.50
61.03	16.60	0.56	0.45	0.04	6.89	4.50
62.05	17.35	0.31	0.45	0.08	6.78	4.50
63.07	17.82	0.21	0.45	0.12	6.60	4.50
63.92	18.20	0.21	0.45	0.15	6.42	4.50
64.94	18.48	0.13	0.45	0.19	6.17	4.50
65.96	18.75	0.13	0.45	0.23	5.88	4.50
66.98	19.02	0.13	0.45	0.26	5.53	4.50
68.00	19.29	0.13	0.00	0.26	5.42	4.50
69.02	19.47	0.09	0.00	0.26	5.30	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.04	19.65	0.09	0.00	0.26	5.18	4.50
71.06	19.83	0.09	0.00	0.26	5.05	4.50
72.08	20.00	0.06	0.00	0.26	4.88	4.50
72.93	20.00	0.00	0.00	0.26	4.58	4.50

Structure: 3

From Basin: Basin 1

To Basin: Offsitet

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 300 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.09	0.00	0.00	0.00	2.50	4.50
2.04	0.18	0.00	0.00	0.00	2.50	4.50
3.06	0.27	0.00	0.00	0.00	2.50	4.50
4.08	0.37	0.00	0.00	0.00	2.50	4.50
4.93	0.44	0.01	0.00	0.00	2.51	4.50
5.95	0.53	0.01	0.00	0.00	2.53	4.50
6.97	0.62	0.02	0.00	0.00	2.55	4.50
7.99	0.72	0.02	0.00	0.00	2.58	4.50
9.01	0.81	0.02	0.00	0.00	2.62	4.50
10.03	0.90	0.02	0.00	0.00	2.65	4.50
11.05	0.99	0.02	0.00	0.00	2.70	4.50
12.07	1.08	0.03	0.00	0.00	2.74	4.50
12.92	1.16	0.03	0.00	0.00	2.78	4.50
13.94	1.25	0.03	0.00	0.00	2.83	4.50
14.96	1.34	0.03	0.00	0.00	2.88	4.50
15.98	1.43	0.03	0.00	0.00	2.93	4.50
17.00	1.52	0.03	0.00	0.00	2.98	4.50
18.02	1.61	0.03	0.00	0.00	3.04	4.50
19.04	1.70	0.03	0.00	0.00	3.10	4.50
20.06	1.80	0.03	0.00	0.00	3.16	4.50
21.08	1.89	0.03	0.00	0.00	3.22	4.50
21.93	1.96	0.03	0.00	0.00	3.27	4.50
22.95	2.05	0.04	0.00	0.00	3.33	4.50
23.97	2.15	0.04	0.00	0.00	3.39	4.50
24.99	2.28	0.05	0.00	0.00	3.47	4.50
26.01	2.41	0.05	0.00	0.00	4.20	4.50
27.03	2.54	0.05	0.00	0.00	4.49	4.50
28.05	2.68	0.05	0.00	0.00	4.61	4.50
29.07	2.81	0.06	0.00	0.00	4.73	4.50
29.92	2.92	0.06	0.00	0.00	4.80	4.50
30.94	3.06	0.06	0.00	0.00	4.88	4.50
31.96	3.19	0.06	0.00	0.00	4.96	4.50
32.98	3.32	0.06	0.00	0.00	5.02	4.50
34.00	3.45	0.06	0.00	0.00	5.08	4.50
35.02	3.59	0.06	0.00	0.00	5.13	4.50
36.04	3.72	0.06	0.00	0.00	5.18	4.50
37.06	3.85	0.06	0.00	0.00	5.24	4.50
38.08	3.99	0.06	0.00	0.00	5.29	4.50
38.93	4.10	0.06	0.00	0.00	5.34	4.50
39.95	4.23	0.06	0.00	0.00	5.39	4.50
40.97	4.37	0.06	0.00	0.00	5.44	4.50
41.99	4.50	0.06	0.00	0.00	5.50	4.50
43.01	4.63	0.06	0.00	0.00	5.37	4.50
44.03	4.76	0.06	0.00	0.00	5.22	4.50
45.05	4.90	0.06	0.00	0.00	5.07	4.50
46.07	5.03	0.06	0.00	0.00	4.88	4.50
46.92	5.14	0.06	0.00	0.00	4.65	4.50
47.94	5.28	0.06	0.00	0.00	4.58	4.50
48.96	5.42	0.07	0.00	0.00	4.72	4.50
49.98	5.57	0.07	0.00	0.00	4.83	4.50
51.00	5.75	0.08	0.00	0.00	4.94	4.50
52.02	5.95	0.10	0.00	0.00	5.04	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.04	6.21	0.13	0.00	0.00	5.14	4.50
54.06	6.53	0.15	0.00	0.00	5.27	4.50
55.08	6.91	0.18	0.00	0.00	5.43	4.50
55.93	7.27	0.21	0.00	0.00	5.49	4.50
56.95	7.77	0.25	0.00	0.00	5.50	4.50
57.97	8.40	0.31	0.00	0.00	5.54	4.50
58.99	9.23	0.44	0.00	0.00	5.63	4.50
60.01	14.96	4.43	0.00	0.00	6.55	4.50
61.03	16.60	0.56	0.00	0.00	6.89	4.50
62.05	17.35	0.31	0.00	0.00	6.78	4.50
63.07	17.82	0.21	0.00	0.00	6.60	4.50
63.92	18.20	0.21	0.00	0.00	6.42	4.50
64.94	18.48	0.13	0.00	0.00	6.17	4.50
65.96	18.75	0.13	0.00	0.00	5.88	4.50
66.98	19.02	0.13	0.00	0.00	5.53	4.50
68.00	19.29	0.13	0.00	0.00	5.42	4.50
69.02	19.47	0.09	0.00	0.00	5.30	4.50
70.04	19.65	0.09	0.00	0.00	5.18	4.50
71.06	19.83	0.09	0.00	0.00	5.05	4.50
72.08	20.00	0.06	0.00	0.00	4.88	4.50
72.93	20.00	0.00	0.00	0.00	4.58	4.50

Structure: 4

From Basin: Basin 1

To Basin: Offsite1

Structure Type: Pump

On Elev = 8 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 350 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	2.50	4.50
1.02	0.09	0.00	0.00	0.00	2.50	4.50
2.04	0.18	0.00	0.00	0.00	2.50	4.50
3.06	0.27	0.00	0.00	0.00	2.50	4.50
4.08	0.37	0.00	0.00	0.00	2.50	4.50
4.93	0.44	0.01	0.00	0.00	2.51	4.50
5.95	0.53	0.01	0.00	0.00	2.53	4.50
6.97	0.62	0.02	0.00	0.00	2.55	4.50
7.99	0.72	0.02	0.00	0.00	2.58	4.50
9.01	0.81	0.02	0.00	0.00	2.62	4.50
10.03	0.90	0.02	0.00	0.00	2.65	4.50
11.05	0.99	0.02	0.00	0.00	2.70	4.50
12.07	1.08	0.03	0.00	0.00	2.74	4.50
12.92	1.16	0.03	0.00	0.00	2.78	4.50
13.94	1.25	0.03	0.00	0.00	2.83	4.50
14.96	1.34	0.03	0.00	0.00	2.88	4.50
15.98	1.43	0.03	0.00	0.00	2.93	4.50
17.00	1.52	0.03	0.00	0.00	2.98	4.50
18.02	1.61	0.03	0.00	0.00	3.04	4.50
19.04	1.70	0.03	0.00	0.00	3.10	4.50
20.06	1.80	0.03	0.00	0.00	3.16	4.50
21.08	1.89	0.03	0.00	0.00	3.22	4.50
21.93	1.96	0.03	0.00	0.00	3.27	4.50
22.95	2.05	0.04	0.00	0.00	3.33	4.50
23.97	2.15	0.04	0.00	0.00	3.39	4.50
24.99	2.28	0.05	0.00	0.00	3.47	4.50
26.01	2.41	0.05	0.00	0.00	4.20	4.50
27.03	2.54	0.05	0.00	0.00	4.49	4.50
28.05	2.68	0.05	0.00	0.00	4.61	4.50
29.07	2.81	0.06	0.00	0.00	4.73	4.50
29.92	2.92	0.06	0.00	0.00	4.80	4.50
30.94	3.06	0.06	0.00	0.00	4.88	4.50
31.96	3.19	0.06	0.00	0.00	4.96	4.50
32.98	3.32	0.06	0.00	0.00	5.02	4.50
34.00	3.45	0.06	0.00	0.00	5.08	4.50
35.02	3.59	0.06	0.00	0.00	5.13	4.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
36.04	3.72	0.06	0.00	0.00	5.18	4.50
37.06	3.85	0.06	0.00	0.00	5.24	4.50
38.08	3.99	0.06	0.00	0.00	5.29	4.50
38.93	4.10	0.06	0.00	0.00	5.34	4.50
39.95	4.23	0.06	0.00	0.00	5.39	4.50
40.97	4.37	0.06	0.00	0.00	5.44	4.50
41.99	4.50	0.06	0.00	0.00	5.50	4.50
43.01	4.63	0.06	0.00	0.00	5.37	4.50
44.03	4.76	0.06	0.00	0.00	5.22	4.50
45.05	4.90	0.06	0.00	0.00	5.07	4.50
46.07	5.03	0.06	0.00	0.00	4.88	4.50
46.92	5.14	0.06	0.00	0.00	4.65	4.50
47.94	5.28	0.06	0.00	0.00	4.58	4.50
48.96	5.42	0.07	0.00	0.00	4.72	4.50
49.98	5.57	0.07	0.00	0.00	4.83	4.50
51.00	5.75	0.08	0.00	0.00	4.94	4.50
52.02	5.95	0.10	0.00	0.00	5.04	4.50
53.04	6.21	0.13	0.00	0.00	5.14	4.50
54.06	6.53	0.15	0.00	0.00	5.27	4.50
55.08	6.91	0.18	0.00	0.00	5.43	4.50
55.93	7.27	0.21	0.00	0.00	5.49	4.50
56.95	7.77	0.25	0.00	0.00	5.50	4.50
57.97	8.40	0.31	0.00	0.00	5.54	4.50
58.99	9.23	0.44	0.00	0.00	5.63	4.50
60.01	14.96	4.43	0.00	0.00	6.55	4.50
61.03	16.60	0.56	0.00	0.00	6.89	4.50
62.05	17.35	0.31	0.00	0.00	6.78	4.50
63.07	17.82	0.21	0.00	0.00	6.60	4.50
63.92	18.20	0.21	0.00	0.00	6.42	4.50
64.94	18.48	0.13	0.00	0.00	6.17	4.50
65.96	18.75	0.13	0.00	0.00	5.88	4.50
66.98	19.02	0.13	0.00	0.00	5.53	4.50
68.00	19.29	0.13	0.00	0.00	5.42	4.50
69.02	19.47	0.09	0.00	0.00	5.30	4.50
70.04	19.65	0.09	0.00	0.00	5.18	4.50
71.06	19.83	0.09	0.00	0.00	5.05	4.50
72.08	20.00	0.06	0.00	0.00	4.88	4.50
72.93	20.00	0.00	0.00	0.00	4.58	4.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.22	42.16	0.00	0.00
2	0.45	60.01	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Basin 1	6.90	60.86	2.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Basin 1	0.74	0.00	0.69	0.00	0.05	0.00