



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

****Transmitted via NJDEP Online Portal – Traditional Oversight ****

January 30, 2025

Ms. Kristina Merola
New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment
Bureau of Case Management
401 East State Street
Trenton, New Jersey 08625-0420

**RE: Quarterly Groundwater Extraction and Treatment Operating Summary
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Merola:

This report presents data collected from the Pompton Lakes Works Site Groundwater Extraction and Treatment System (GWETS) during October, November and December of 2024. Data collected and presented herein are consistent with the requirements contained in New Jersey Pollutant Discharge Elimination System (NJPDES) Permit No. NJ7001851 renewal issued July 2023.

October 2024

As shown in Table 1, the GWETS pumped 6,501,464 gallons of groundwater from recovery wells 64, 66, 72, 73, 74, and 75 between September 30, 2024, and October 31, 2024. The system ran continuously during the month except during routine maintenance and non-routine maintenance (such as conveyance line cleaning and calibration of flow meters). Weekly inspections included a check of the GWETS alarm and notification system. The system was not shut down for 48 hours or longer during any of these inspections or maintenance activities.

The treatment system pumped groundwater at an average rate of 152.2 gallons per minute while in operation, as shown in Table 1. Table 2 shows the treatment system blower air flow rate data. Groundwater influent and effluent samples were collected on October 7, 2024. These samples were analyzed for volatile organic compounds (VOCs) using USEPA Method 8260D and total and dissolved lead using USEPA Method 6020B by Alpha Analytical. The analytical results are presented as Attachment 1, *Influent/Effluent Monitoring Reports*. The average pumping rate and cumulative volume of water pumped between sampling events are also presented in Attachment 1. Treated groundwater was pumped to infiltration beds 1 through 6. Analytical data

from the October 7, 2024, sampling event effluent concentrations were below the permit limits (NJDEP Class IIA Ground Water Quality Standards [GWIIA]).

November 2024

As shown in Table 3, the GWETS pumped 5,225,140 gallons of groundwater from recovery wells 64, 66, 72, 73, 74, and 75 between October 31, 2024, and November 30, 2024. The system ran continuously during the month except during two electrical outages and during non-routine maintenance (replacement of pump, motor and wiring at RW-74). Weekly inspections included a check of the GWETS alarm and notification system. The system was not shut down for 48 hours or longer during any of these inspections or maintenance activities.

The treatment system pumped groundwater at an average rate of 133.1 gallons per minute while in operation, as shown in Table 3. Table 4 shows the treatment system blower air flow rate data. Groundwater influent and effluent samples were collected on November 4, 2024. These samples were analyzed for VOCs using USEPA Method 8260D and total and dissolved lead using USEPA Method 6020B by Alpha Analytical. The analytical results are presented as Attachment 1, *Influent/Effluent Monitoring Reports*. The average pumping rate and cumulative volume of water pumped between sampling events are also presented in Attachment 1. Treated groundwater was pumped to infiltration beds 1 through 6. Analytical data from the November 4, 2024, sampling event effluent concentrations were below the permit limits (GWIIA).

South plant and offsite water levels were collected from monitoring wells and piezometers on November 4, 2024. Groundwater contour maps for each alluvial zone are included as Figures 1, 2, and 3 in Attachment 2. Water level elevations measured in wells located along the southern boundary of the property demonstrate that the GWETS is meeting the objectives outlined in the NJDEP-approved *Groundwater Remedial Action Plan* (GRAP) dated July 21, 1993.

December 2024

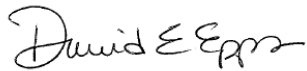
As shown in Table 5, the GWETS 6,320,326 gallons of groundwater from recovery wells 64, 66, 72, 73, 74, and 75 between November 30, 2024, and December 31, 2024. The system ran continuously during the month except during routine maintenance (such as well maintenance). Weekly inspections included a check of the GWETS alarm and notification system. The system was not shut down for 48 hours or longer during any of these inspections or maintenance activities.

The treatment system pumped groundwater at an average rate of 147.6 gallons per minute while in operation, as shown in Table 5. Table 6 shows the treatment system blower air flow rate data. Groundwater influent and effluent samples were collected on December 2, 2024. These samples were analyzed for VOCs using USEPA Method

8260D and total and dissolved lead using USEPA Method 6020B by Alpha Analytical. The analytical results are presented in Attachment 1, *Influent/Effluent Monitoring Reports*. The average pumping rate and cumulative volume of water pumped between sampling events are also presented in Attachment 1. Treated groundwater was pumped to infiltration beds 1 through 6. Analytical data from the December 2, 2024, sampling event effluent concentrations were below the permit limits (GWIIA).

Should you have any questions, please feel free to contact me at (973) 492-7703.

Sincerely,

A handwritten signature in black ink that reads "David E. Epps". The signature is written in a cursive, flowing style.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: Steve Ferreira – USEPA (electronic copy via OneDrive)
PLW Central File

TABLES

Table 1
Influent Groundwater Flow Data - October 2024
Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Recovery Well No.	Totalizer Reading End of September 2024 (gallons)	Totalizer Reading End of October 2024 (gallons) ²	Total Gallons Pumped in October 2024	Total Hours Pumped in October 2024
Recovery Well 61 ¹	0	0	0	0
Recovery Well 64	104,635,744	105,420,240	784,496	737.9
Recovery Well 66	172,201,824	173,290,368	1,088,544	740.6
Recovery Well 72 ²	32,352,300	32,619,416	267,116	740.7
Recovery Well 73 ²	78,133,344	78,536,120	402,776	656.7
Recovery Well 74 ³	427,297,856	430,891,232	3,593,376	740.6
Recovery Well 75 ⁴	65,458,360	65,823,516	365,156	656.5
Total Monthly Gallons and Average			6,501,464	712.2
Average Flow Rate (gallons per minute)			152.2	

Operating period:

¹ By design, Recovery Well 61 is not being pumped; the area of this well is being captured by RW-74.

² Well 63 was replaced by wells 72 & 73 on November 14, 2013.

³ Well 62 was replaced by well 74 on March 31, 2022.

⁴ Well 65 was replaced by well 75 on March 29, 2022.

Table 2

Blower Air Flow Data - October 2024

Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Date	Air Stripper Flow (cubic feet/minute)
1-Oct-24	1,866
2-Oct-24	1,933
3-Oct-24	1,967
4-Oct-24	1,974
5-Oct-24	2,019
6-Oct-24	1,990
7-Oct-24	1,990
8-Oct-24	1,990
9-Oct-24	1,995
10-Oct-24	2,042
11-Oct-24	2,003
12-Oct-24	1,995
13-Oct-24	1,891
14-Oct-24	1,998
15-Oct-24	2,042
16-Oct-24	1,998
17-Oct-24	2,034
18-Oct-24	2,022
19-Oct-24	2,051
20-Oct-24	2,048
21-Oct-24	1,947
22-Oct-24	1,947
23-Oct-24	1,947
24-Oct-24	1,891
25-Oct-24	1,892
26-Oct-24	1,930
27-Oct-24	1,995
28-Oct-24	2,034
29-Oct-24	1,897
30-Oct-24	1,855
31-Oct-24	1,846
Average	1,969

Table 3
Influent Groundwater Flow Data - November 2024
Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Recovery Well No.	Totalizer Reading End of October 2024 (gallons)	Totalizer Reading End of November 2024 (gallons) ²	Total Gallons Pumped in November 2024	Total Hours Pumped in November 2024
Recovery Well 61 ¹	0	0	0	0
Recovery Well 64	105,420,240	106,154,248	734,008	685.3
Recovery Well 66	173,290,368	174,309,104	1,018,736	685.4
Recovery Well 72 ²	32,619,416	32,841,820	222,404	647.5
Recovery Well 73 ²	78,536,120	78,893,208	357,088	685.3
Recovery Well 74 ³	430,891,232	433,405,984	2,514,752	537.6
Recovery Well 75 ⁴	65,823,516	66,201,668	378,152	685.4
	Total Monthly Gallons and Average		5,225,140	654.4
	Average Flow Rate (gallons per minute)		133.1	

Operating period: 10/31/2024 - 11/30/2024

¹ By design, Recovery Well 61 is not being pumped; the area of this well is being captured by RW-74.

² Well 63 was replaced by wells 72 & 73 on November 14, 2013.

³ Well 62 was replaced by well 74 on March 31, 2022.

⁴ Well 65 was replaced by well 75 on March 29, 2022.

Table 4

Blower Air Flow Data - November 2024

Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Date	Air Stripper Flow (cubic feet/minute)
1-Nov-24	1,903
2-Nov-24	1,911
3-Nov-24	1,957
4-Nov-24	1,927
5-Nov-24	1,838
6-Nov-24	1,761
7-Nov-24	1,849
8-Nov-24	1,900
9-Nov-24	2,024
10-Nov-24	2,055
11-Nov-24	1,990
12-Nov-24	2,065
13-Nov-24	1,979
14-Nov-24	1,900
15-Nov-24	1,855
16-Nov-24	1,866
17-Nov-24	1,911
18-Nov-24	1,794
19-Nov-24	1,957
20-Nov-24	1,866
21-Nov-24	1,941
22-Nov-24	1,974
23-Nov-24	1,863
24-Nov-24	1,990
25-Nov-24	1,984
26-Nov-24	2,024
27-Nov-24	1,925
28-Nov-24	1,880
29-Nov-24	1,886
30-Nov-24	1,919

Average	1,923
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Table 5
Influent Groundwater Flow Data - December 2024
Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Recovery Well No.	Totalizer Reading End of November 2024 (gallons)	Totalizer Reading End of December 2024 (gallons) ²	Total Gallons Pumped in December 2024	Total Hours Pumped in December 2024
Recovery Well 61 ¹	0	0	0	0
Recovery Well 64	106,154,248	106,922,424	768,176	717.8
Recovery Well 66	174,309,104	175,365,904	1,056,800	717.8
Recovery Well 72 ²	32,841,820	33,078,554	236,734	717.6
Recovery Well 73 ²	78,893,208	79,281,448	388,240	691.4
Recovery Well 74 ³	433,405,984	436,841,120	3,435,136	718.2
Recovery Well 75 ⁴	66,201,668	66,636,908	435,240	718.3
Total Monthly Gallons and Average			6,320,326	713.5
Average Flow Rate (gallons per minute)			147.6	

Operating period: 11/30/2024 - 12/31/2024

¹ By design, Recovery Well 61 is not being pumped; the area of this well is being captured by RW-74.

² Well 63 was replaced by wells 72 & 73 on November 14, 2013.

³ Well 62 was replaced by well 74 on March 31, 2022.

⁴ Well 65 was replaced by well 75 on March 29, 2022.

Table 6

Blower Air Flow Data - December 2024

Pompton Lakes Works
Groundwater Pump and Treat System
NJPDES Permit No. NJ7001851

Date	Air Stripper Flow (cubic feet/minute)
1-Dec-24	1,875
2-Dec-24	2,019
3-Dec-24	2,003
4-Dec-24	1,823
5-Dec-24	1,846
6-Dec-24	1,944
7-Dec-24	1,869
8-Dec-24	1,947
9-Dec-24	1,875
10-Dec-24	2,029
11-Dec-24	1,933
12-Dec-24	2,011
13-Dec-24	2,076
14-Dec-24	2,071
15-Dec-24	2,005
16-Dec-24	1,957
17-Dec-24	1,817
18-Dec-24	1,843
19-Dec-24	1,905
20-Dec-24	1,794
21-Dec-24	1,734
22-Dec-24	1,803
23-Dec-24	1,687
24-Dec-24	1,764
25-Dec-24	1,886
26-Dec-24	1,802
27-Dec-24	1,863
28-Dec-24	1,820
29-Dec-24	1,671
30-Dec-24	1,779
31-Dec-24	1,817
Average	1,880

ATTACHMENT 1
INFLUENT/EFFLUENT MONITORING REPORTS

DATE OF SAMPLING 10/7/2024REPORTING MONTH/YEAR October 2024**INFLUENT/EFFLUENT MONITORING REPORT****FACILITY: Pompton Lakes Works**
NJPDES PERMIT No. NJ7001851

SAMPLE PARAMETER	influent/effluent	PERMIT LIMITS	NJDEP GWIIA	REPORTED INFLUENT VALUES (ppb)	REPORTED EFFLUENT VALUES (ppb)
Tetrachloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>100</u>	<u>0.18 K</u>
Trichloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>8.6</u>	<u>0.18 K</u>
1,1,1 Trichloroethane		<u>30 ppb</u>	<u>30 ppb</u>	<u>0.16 K</u>	<u>0.16 K</u>
1,1 Dichloroethene		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.28 J</u>	<u>0.17 K</u>
trans 1,2 Dichloroethene		<u>100 ppb</u>	<u>100 ppb</u>	<u>8.3</u>	<u>0.16 K</u>
cis 1,2-Dichloroethene		<u>10 ppb</u>	<u>70 ppb</u>	<u>88</u>	<u>0.19 K</u>
1,1 Dichloroethane		<u>50 ppb</u>	<u>50 ppb</u>	<u>0.21 K</u>	<u>0.21 K</u>
1,2 Dichloroethane		<u>2 ppb</u>	<u>2 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Vinyl chloride		<u>5 ppb</u>	<u>1 ppb</u>	<u>8.9</u>	<u>0.07 K</u>
Carbon Tetrachloride		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Lead (total)		<u>10 ppb</u>	<u>5 ppb</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Lead (dissolved)		<u>10 ppb</u>	<u>NC</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Mercury (total)*		<u>2 ppb</u>	<u>2 ppb</u>		
Selenium (total)*		<u>50 ppb</u>	<u>40 ppb</u>		
Copper (total)*		<u>1000 ppb</u>	<u>1300 ppb</u>		
pH**		<u>5-7</u>	<u>6.5 - 8.5</u>		

* These metals are sampled for only after purge water, which is not from wells in the comprehensive groundwater monitoring program, is discharged into the groundwater treatment system. No purge water was discharged to the treatment system this reporting period.

** pH is monitored in the effluent only after an acid solution is used for stripper maintenance. An acid wash using Cleanin-Place (CIP) methodology of the air stripper trays and associated influent and effluent manifold piping was performed on October 30, 2023. Wash solution was contained in a holding tank, and neutralized prior to discharge into an on-site impoundment upgradient of the pumping wells as per the site permit.

Reporting Period ^(A)	<u>09/03/24-10/07/24</u>	
Volume Discharged During Reporting Period ^(B)	<u>6,633,660</u>	Gallons
Average pumping rate ^(C)	<u>135.5</u>	Gallons Per Minute

1. Flow shall be reported in gallons since the last sampling date per day

2. Qualifiers

FB - Found in Field Blank

J - Analyte present. Concentration given is an approximation.

K - Not detected. Number given is the method detection limit

MB - Found in Method Blank

TB - Found in Trip Blank

ppb - parts per billion

B - Not detected substantially above the level reported in the laboratory or field blanks.

^(A) - Reporting period as defined by permit sampling requirements.

^(B) - Volume discharged is based on Influent flowmeter totalizer values.

^(C) - Average combined pumping rate for all days between and including this month's and last month's sampling date.

DATE OF SAMPLING 11/4/2024REPORTING MONTH/YEAR November 2024**INFLUENT/EFFLUENT MONITORING REPORT****FACILITY: Pompton Lakes Works****NJPDES PERMIT No. NJ7001851**

SAMPLE PARAMETER	influent/effluent	PERMIT LIMITS	NJDEP GWIIA	REPORTED INFLUENT VALUES (ppb)	REPORTED EFFLUENT VALUES (ppb)
Tetrachloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>72</u>	<u>0.18 K</u>
Trichloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>8.2</u>	<u>0.18 K</u>
1,1,1 Trichloroethane		<u>30 ppb</u>	<u>30 ppb</u>	<u>0.16 K</u>	<u>0.16 K</u>
1,1 Dichloroethene		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.17 K</u>	<u>0.17 K</u>
trans 1,2 Dichloroethene		<u>100 ppb</u>	<u>100 ppb</u>	<u>7.6</u>	<u>0.16 K</u>
cis 1,2-Dichloroethene		<u>10 ppb</u>	<u>70 ppb</u>	<u>82</u>	<u>0.19 K</u>
1,1 Dichloroethane		<u>50 ppb</u>	<u>50 ppb</u>	<u>0.21 K</u>	<u>0.21 K</u>
1,2 Dichloroethane		<u>2 ppb</u>	<u>2 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Vinyl chloride		<u>5 ppb</u>	<u>1 ppb</u>	<u>6.6</u>	<u>0.07 K</u>
Carbon Tetrachloride		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Lead (total)		<u>10 ppb</u>	<u>5 ppb</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Lead (dissolved)		<u>10 ppb</u>	<u>NC</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Mercury (total)*		<u>2 ppb</u>	<u>2 ppb</u>	_____	_____
Selenium (total)*		<u>50 ppb</u>	<u>40 ppb</u>	_____	_____
Copper (total)*		<u>1000 ppb</u>	<u>1300 ppb</u>	_____	_____
pH**		<u>5-7</u>	<u>6.5 - 8.5</u>	_____	_____

* These metals are sampled for only after purge water, which is not from wells in the comprehensive groundwater monitoring program, is discharged into the groundwater treatment system. No purge water was discharged to the treatment system this reporting period.

** pH is monitored in the effluent only after an acid solution is used for stripper maintenance. No maintenance activity using acid solution occurred this monitoring period.

Reporting Period ^(A)	<u>10/07/24-11/04/24</u>	
Volume Discharged During Reporting Period ^(B)	<u>5,880,336</u>	Gallons
Average pumping rate ^(C)	<u>145.8</u>	Gallons Per Minute

1. Flow shall be reported in gallons since the last sampling date per day

2. Qualifiers

FB - Found in Field Blank

J - Analyte present. Concentration given is an approximation.

K - Not detected. Number given is the method detection limit

MB - Found in Method Blank

TB - Found in Trip Blank

ppb - parts per billion

B - Not detected substantially above the level reported in the laboratory or field blanks.

^(A) - Reporting period as defined by permit sampling requirements.

^(B) - Volume discharged is based on Influent flowmeter totalizer values.

^(C) - Average combined pumping rate for all days between and including this month's and last month's sampling date.

DATE OF SAMPLING 12/2/2024REPORTING MONTH/YEAR December 2024**INFLUENT/EFFLUENT MONITORING REPORT****FACILITY: Pompton Lakes Works****NJPDES PERMIT No. NJ7001851**

SAMPLE PARAMETER	influent/effluent	PERMIT LIMITS	NJDEP GWIIA	REPORTED INFLUENT VALUES (ppb)	REPORTED EFFLUENT VALUES (ppb)
Tetrachloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>71</u>	<u>0.18 K</u>
Trichloroethene		<u>1 ppb</u>	<u>1 ppb</u>	<u>7.1</u>	<u>0.18 K</u>
1,1,1 Trichloroethane		<u>30 ppb</u>	<u>30 ppb</u>	<u>0.16 K</u>	<u>0.16 K</u>
1,1 Dichloroethene		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.22 J</u>	<u>0.17 K</u>
trans 1,2 Dichloroethene		<u>100 ppb</u>	<u>100 ppb</u>	<u>7.9</u>	<u>0.16 K</u>
cis 1,2-Dichloroethene		<u>10 ppb</u>	<u>70 ppb</u>	<u>85</u>	<u>0.19 K</u>
1,1 Dichloroethane		<u>50 ppb</u>	<u>50 ppb</u>	<u>0.21 K</u>	<u>0.21 K</u>
1,2 Dichloroethane		<u>2 ppb</u>	<u>2 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Vinyl chloride		<u>5 ppb</u>	<u>1 ppb</u>	<u>6.5</u>	<u>0.07 K</u>
Carbon Tetrachloride		<u>2 ppb</u>	<u>1 ppb</u>	<u>0.13 K</u>	<u>0.13 K</u>
Lead (total)		<u>10 ppb</u>	<u>5 ppb</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Lead (dissolved)		<u>10 ppb</u>	<u>NC</u>	<u>0.3430 K</u>	<u>0.3430 K</u>
Mercury (total)*		<u>2 ppb</u>	<u>2 ppb</u>	_____	_____
Selenium (total)*		<u>50 ppb</u>	<u>40 ppb</u>	_____	_____
Copper (total)*		<u>1000 ppb</u>	<u>1300 ppb</u>	_____	_____
pH**		<u>5-7</u>	<u>6.5 - 8.5</u>	_____	_____

* These metals are sampled for only after purge water, which is not from wells in the comprehensive groundwater monitoring program, is discharged into the groundwater treatment system. No purge water was discharged to the treatment system this reporting period.

** pH is monitored in the effluent only after an acid solution is used for stripper maintenance. No maintenance activity using acid solution occurred this monitoring period.

Reporting Period ^(A)	<u>11/04/24-12/02/24</u>	
Volume Discharged During Reporting Period ^(B)	<u>4,828,958</u>	Gallons
Average pumping rate ^(C)	<u>119.8</u>	Gallons Per Minute

1. Flow shall be reported in gallons since the last sampling date per day

2. Qualifiers

FB - Found in Field Blank

J - Analyte present. Concentration given is an approximation.

K - Not detected. Number given is the method detection limit

MB - Found in Method Blank

TB - Found in Trip Blank

ppb - parts per billion

B - Not detected substantially above the level reported in the laboratory or field blanks.

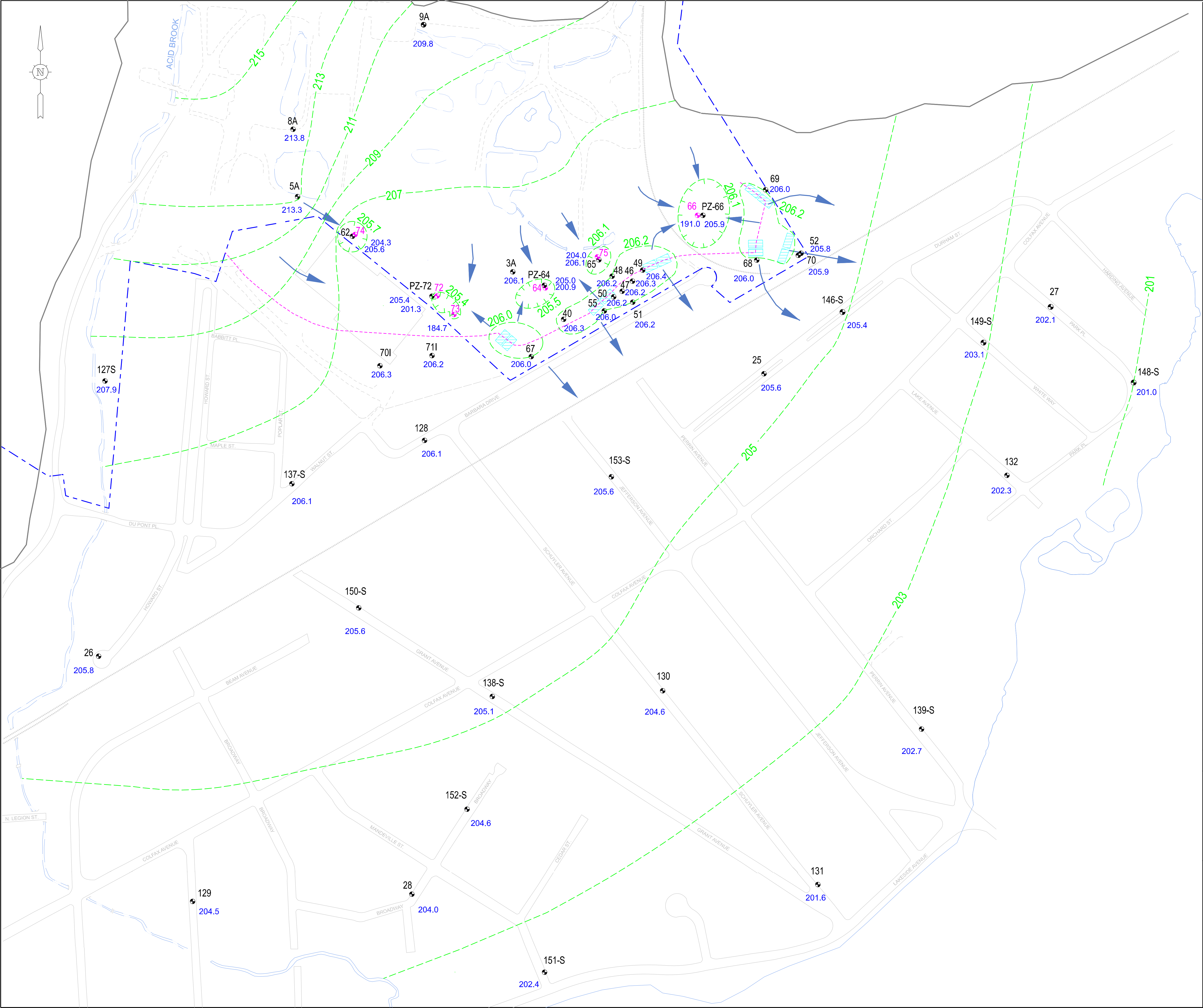
^(A) - Reporting period as defined by permit sampling requirements.

^(B) - Volume discharged is based on Inffluent flowmeter totalizer values.

^(C) - Average combined pumping rate for all days between and including this month's and last month's sampling date.

ATTACHMENT 2

FIGURES



LEGEND

- PROPERTY LINE
- OPEN WATERS
- INFILTRATION BED
- WELL ID
 - PUMPING WELL LOCATION
 - WELL LOCATION
- ELEVATION
 - GROUNDWATER ELEVATIONS ROUNDED TO NEAREST 0.1'
- GROUNDWATER ELEVATION CONTOUR LINE [approximated]
Contours generated by Surfer then edited considering the groundwater model results.
Groundwater elevation contour interval is 2-foot, except around infiltration beds and pumping wells where additional contours have been added to show better detail.
- Direction of groundwater flow
- Groundwater divide

GRAPHIC SCALE



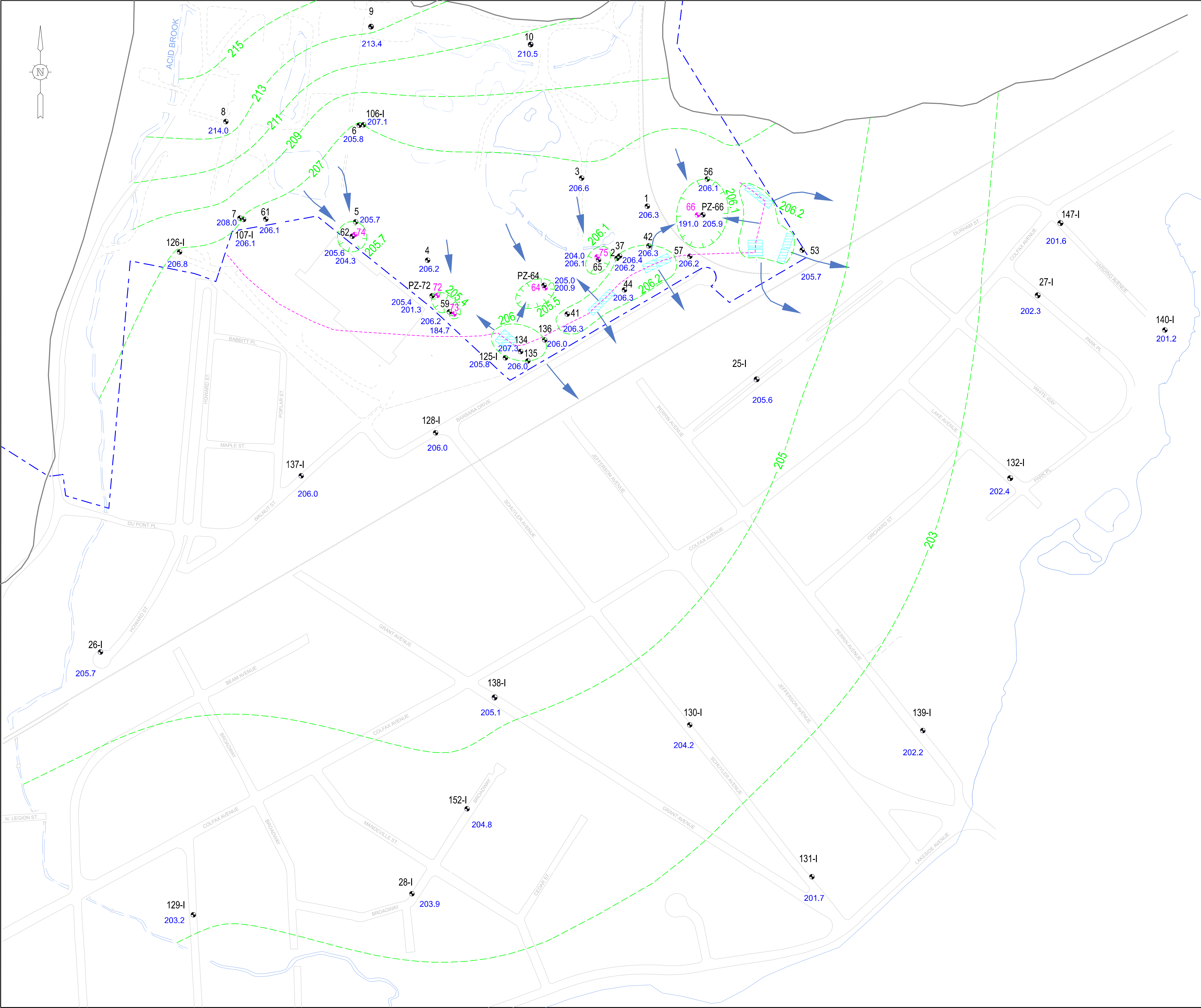
SCALE (ARCH-D) 1-in = 150-ft	DESIGNED BY MEV	DRAWN BY MEV	CAD FILE 11-2024 S GWE.dgn
DATE 11/5/2024	CHECKED ZW	APPROVED JS	PROJECT NO 453699.05001

PARSONS
200 Cottontail Lane
Somerset, New Jersey 08873

Groundwater Potentiometric Surface
Shallow Alluvial Zone
November 4, 2024

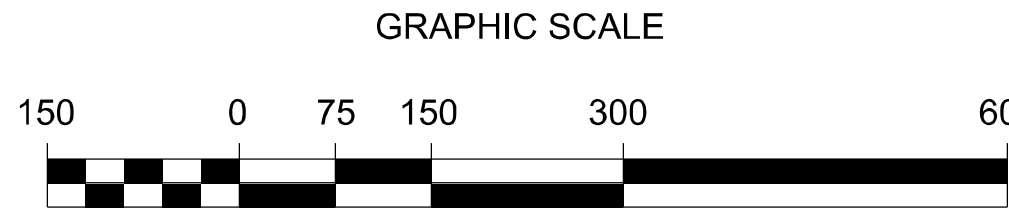
POMPTON LAKES WORKS
Pompton Lakes, New Jersey
2000 Cannonball Road
Pompton Lakes, New Jersey 07442

Figure 1



LEGEND

- PROPERTY LINE
- OPEN WATERS
- INFILTRATION BED
- WELL ID
 - PUMPING WELL LOCATION
 - WELL LOCATION
- ELEVATION
 - GROUNDWATER ELEVATIONS ROUNDED TO NEAREST 0.1'
- GROUNDWATER ELEVATION CONTOUR LINE [approximated]
 - Contours generated by Surfer then edited considering the groundwater model results.
 - Groundwater elevation contour interval is 2-foot, except around infiltration beds and pumping wells where additional contours have been added to show better detail.
- Direction of groundwater flow
- Groundwater divide



SCALE (ARCH-D) 1-in = 150-ft	DESIGNED BY MEV	DRAWN BY MEV	CAD FILE 11-2024 I GWE.dgn
DATE 11/5/2024	CHECKED ZW	APPROVED JS	PROJECT NO 453699.05001

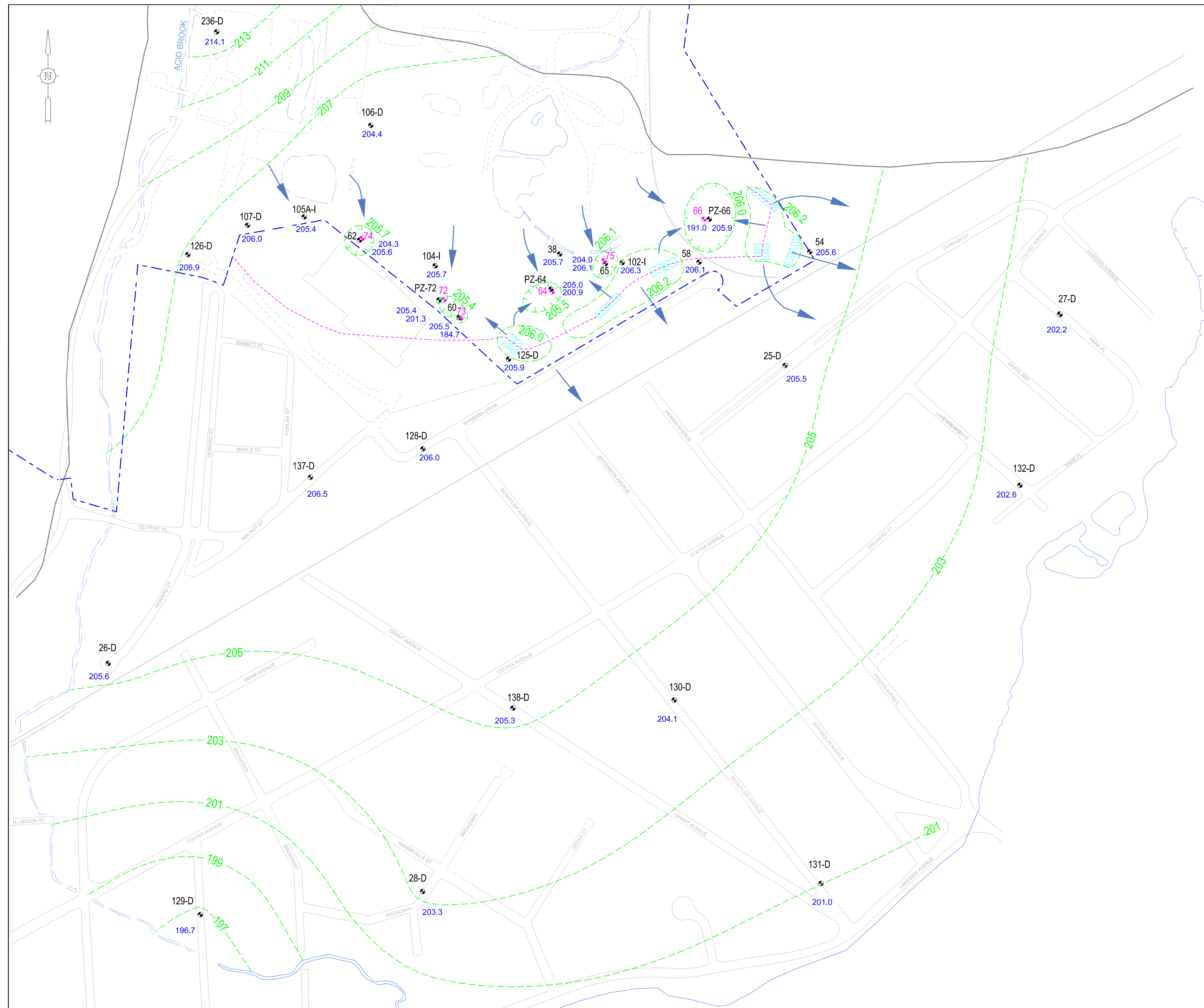
PARSONS
200 Cottontail Lane
Somerset, New Jersey 08873

Groundwater Potentiometric Surface
Intermediate Alluvial Zone
November 4, 2024






POMPTON LAKES WORKS
Pompton Lakes, New Jersey

2000 Cannonball Road
Pompton Lakes, New Jersey 07442

Figure 2



LEGEND

-  PROPERTY LINE
 OPEN WATERS
 INFILTRATION BED
WELL ID
 PUMPING WELL LOCAT
 WELL LOCATION



ELEVATION

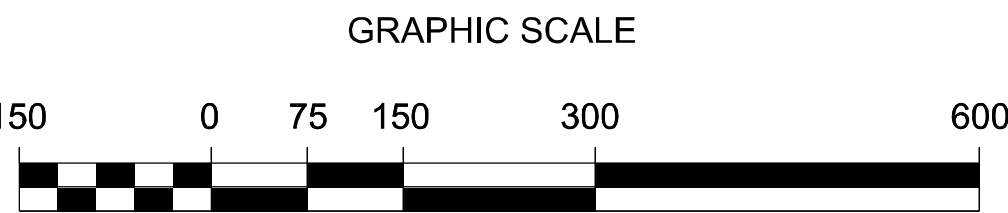
GROUNDWATER ELEVATIONS ROUNDED TO NEAREST 0.1'

- GROUNDWATER ELEVATION CONTOUR LINE
[approximated]

Contours generated by Surfer then edited considering the groundwater model results.

Groundwater elevation contour interval is 2-foot, except around infiltration beds and pumping wells where additional contours have been added to show better detail.

-  Direction of groundwater flow
 Groundwater divide



SCALE (ARCH-D) 1-in = 150-ft	DESIGNED BY MEV	DRAWN BY MEV	CAD FILE 11-2024 D GWE.dgn
DATE 11/5/2024	CHECKED ZW	APPROVED JS	PROJECT NO 453699.05001



200 Cottontail Lane
Somerset, New Jersey 08873

Groundwater Potentiometric Surface Deep Alluvial Zone November 4, 2024

POMPTON LAKES WORKS
Pompton Lakes, New Jersey

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Pompton Lakes, New Jersey 07442

Figure 3