

## Hughes, Rhonda

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**From:** Fischer, Shane <SFischer@SCSEngineers.com>  
**Sent:** Friday, August 11, 2023 12:46 PM  
**To:** SWD\_Waste; Tafuni, Steven  
**Cc:** Anthony Detweiler; Sarah Metcalfe; Jacolyn Abdala; Stephen Whaley; Al-Khalaf, Laila  
**Subject:** Manatee County Lena Road Landfill Monthly Report July 2023  
**Attachments:** July 2023 Report.pdf

### EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Mr. Tafuni,

Attached is the Manatee County Lena Road Landfill Monthly Report (for July 2023) which includes the following:

- Monthly Water Balance Report (Exhibit A)
- Monthly Leachate Tracking Summary - 2023 (Exhibit B)
- Monthly Leachate Meter Readings
- Monthly Rainfall
- Monthly Groundwater Gradient Report

If you should have any questions concerning this report, please contact me at (813) 503-1044.

Thanks

Shane R. Fischer, P.E.  
Vice President/Office Manager  
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August 11, 2023  
File No. 09217088.28

Mr. Steven Tafuni  
Florida Department of Environmental Protection  
Southwest District Office - Solid Waste Section  
130501 N. Telecom Parkway  
Temple Terrace, Florida 33637-0926

Subject: Manatee County Lena Road Landfill  
Monthly Report – July 2023

Dear Mr. Tafuni:

This letter includes the following monthly reports: Monthly Water Balance Report (Exhibit A), Monthly Leachate Tracking Summary - 2023 (Exhibit B), Monthly Leachate Meter Readings, Monthly Rainfall, and Monthly Groundwater Gradient Report.

Sincerely,



Robert Curtis, P.E.  
Project Director  
SCS Engineers

SRF/RBC

cc: Anthony Detweiler, Manatee County  
Sarah Metcalfe, Manatee County  
Jacolyn Abdala, Manatee County  
Stephen Whaley, Manatee County



Shane R. Fischer, P.E.  
Vice President/Office Manager  
SCS Engineers

Enclosures

This item has been digitally signed and sealed by  
Shane R. Fischer, PE on the date adjacent to the seal.

Printed copies of this document are not considered  
signed and sealed and the signature must be verified  
on any electronic copies.

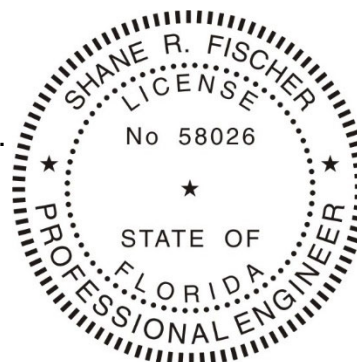


EXHIBIT A

**MANATEE COUNTY SOLID WASTE MANAGEMENT FACILITY  
LENA ROAD LANDFILL  
MONTHLY WATER BALANCE REPORT  
July 2023**

| A                                         | B                                                  | C                                                  | D                                         | E                                          | F                                           | G                                        | H                    | I                     |
|-------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------------------|------------------------------------------|----------------------|-----------------------|
| DATE                                      | LEACHATE<br>STAGE I<br>Lift Station 1<br>(gallons) | LEACHATE<br>STAGE I<br>Lift Station 2<br>(gallons) | LEACHATE<br>STAGE I<br>TOTAL<br>(gallons) | LEACHATE<br>STAGE II<br>TOTAL<br>(gallons) | LEACHATE<br>STAGE III<br>TOTAL<br>(gallons) | TOTAL<br>LEACHATE<br>PUMPED<br>(gallons) | RAINFALL<br>(inches) | RAINFALL<br>(gallons) |
| 1-Jul-23                                  | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 2-Jul-23                                  | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 3-Jul-23                                  | 11,184                                             | 84,914                                             | 96,098                                    | 205,089                                    | 82,584                                      | 383,771                                  | 0.30                 | 2,329,985             |
| 4-Jul-23                                  | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 5-Jul-23                                  | 5,992                                              | 54,862                                             | 60,854                                    | 113,249                                    | 45,000                                      | 219,103                                  | 0.00                 | 0                     |
| 6-Jul-23                                  | 3,096                                              | 29,248                                             | 32,344                                    | 64,529                                     | 27,640                                      | 124,513                                  | 0.00                 | 0                     |
| 7-Jul-23                                  | 3,776                                              | 28,050                                             | 31,826                                    | 58,673                                     | 28,328                                      | 118,827                                  | 0.08                 | 621,329               |
| 8-Jul-23                                  | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.09                 | 698,995               |
| 9-Jul-23                                  | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.02                 | 155,332               |
| 10-Jul-23                                 | 11,000                                             | 84,696                                             | 95,696                                    | 182,904                                    | 74,648                                      | 353,248                                  | 0.82                 | 6,368,625             |
| 11-Jul-23                                 | 3,076                                              | 57,164                                             | 60,240                                    | 60,886                                     | 24,768                                      | 145,894                                  | 0.00                 | 0                     |
| 12-Jul-23                                 | 3,336                                              | 476                                                | 3,812                                     | 68,231                                     | 28,288                                      | 100,331                                  | 0.02                 | 155,332               |
| 13-Jul-23                                 | 2,448                                              | 25,500                                             | 27,948                                    | 55,063                                     | 22,752                                      | 105,763                                  | 0.00                 | 0                     |
| 14-Jul-23                                 | 3,520                                              | 27,434                                             | 30,954                                    | 57,898                                     | 26,720                                      | 115,572                                  | 0.00                 | 0                     |
| 15-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 16-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 17-Jul-23                                 | 10,248                                             | 82,904                                             | 93,152                                    | 178,677                                    | 82,640                                      | 354,469                                  | 0.02                 | 155,332               |
| 18-Jul-23                                 | 3,584                                              | 27,792                                             | 31,376                                    | 60,456                                     | 28,280                                      | 120,112                                  | 1.28                 | 9,941,268             |
| 19-Jul-23                                 | 3,224                                              | 23,250                                             | 26,474                                    | 52,239                                     | 25,512                                      | 104,225                                  | 0.06                 | 465,997               |
| 20-Jul-23                                 | 3,740                                              | 30,378                                             | 34,118                                    | 67,600                                     | 35,120                                      | 136,838                                  | 0.02                 | 155,332               |
| 21-Jul-23                                 | 3,064                                              | 24,340                                             | 27,404                                    | 49,882                                     | 23,896                                      | 101,182                                  | 0.03                 | 232,998               |
| 22-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.09                 | 698,995               |
| 23-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.19                 | 1,475,657             |
| 24-Jul-23                                 | 11,596                                             | 87,836                                             | 99,432                                    | 179,725                                    | 84,920                                      | 364,077                                  | 0.01                 | 77,666                |
| 25-Jul-23                                 | 3,000                                              | 17,994                                             | 20,994                                    | 44,935                                     | 20,864                                      | 86,793                                   | 0.26                 | 2,019,320             |
| 26-Jul-23                                 | 2,844                                              | 3,800                                              | 6,644                                     | 62,459                                     | 29,504                                      | 98,607                                   | 0.02                 | 155,332               |
| 27-Jul-23                                 | 2,468                                              | 668                                                | 3,136                                     | 56,519                                     | 28,824                                      | 88,479                                   | 0.00                 | 0                     |
| 28-Jul-23                                 | 2,360                                              | 810                                                | 3,170                                     | 55,352                                     | 34,608                                      | 93,130                                   | 0.00                 | 0                     |
| 29-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 2.97                 | 23,066,850            |
| 30-Jul-23                                 | 0                                                  | 0                                                  | 0                                         | 0                                          | 0                                           | 0                                        | 0.00                 | 0                     |
| 31-Jul-23                                 | 10,100                                             | 2,676                                              | 12,776                                    | 169,242                                    | 102,552                                     | 284,570                                  | 0.17                 | 1,320,325             |
| <b>TOTAL</b>                              | <b>103,656</b>                                     | <b>694,792</b>                                     | <b>798,448</b>                            | <b>1,843,608</b>                           | <b>857,448</b>                              | <b>3,499,504</b>                         | <b>6.45</b>          | <b>50,094,673</b>     |
| Leachate Pumped as Percentage of Rainfall |                                                    |                                                    | 4.5%                                      | 8.9%                                       | 7.4%                                        |                                          |                      |                       |

**Column Notes:**

A - Date of reading.

B - Leachate pumped (gallons) from Stage I by lift station 1.

C - Leachate pumped (gallons) from Stage I by lift station 2.

D - Total Stage I leachate pumpage (B+C).

E - Leachate pumped (gallons) from Stage II.

F - Leachate pumped (gallons) from Stage III.

G - Total leachate pumped to WWTP storage tank (D+E+F).

H - Rainfall (inches) recorded on this date.

I - Rainfall (gallons) calculated based on open area (H x Area x 27,156 gal/acre-in).

**Comments**

|                  | Stage I<br>(acres) | Stage II<br>(acres) | Stage III<br>(acres) | TOTAL<br>(acres) |
|------------------|--------------------|---------------------|----------------------|------------------|
| Initial Cover    | 102.0              | 113.0               | 66.0                 | 281.0            |
| Interm. Cover    | 0.0                | 5.0                 | --                   | 5.0              |
| Closed           | 30.0               | 0.0                 | --                   | 30.0             |
| <b>TOTAL</b>     | <b>132.0</b>       | <b>118.0</b>        | <b>66.0</b>          | <b>316.0</b>     |
| <b>Open Area</b> | <b>102.0</b>       | <b>118.0</b>        | <b>66.0</b>          | <b>286.0</b>     |

"0" = no data recorded

EXHIBIT B

MANATEE COUNTY SOLID WASTE MANAGEMENT FACILITY  
LENA ROAD LANDFILL  
MONTHLY LEACHATE TRACKING SUMMARY -- 2023

|              | B                                | C                              | D                                  | E                              | F                    | G                     | H                                       | I                                        | J                                         |
|--------------|----------------------------------|--------------------------------|------------------------------------|--------------------------------|----------------------|-----------------------|-----------------------------------------|------------------------------------------|-------------------------------------------|
| MONTH        | STAGE I<br>LEACHATE<br>(gallons) | STAGE II<br>LEACHATE (gallons) | STAGE III<br>LEACHATE<br>(gallons) | TOTAL<br>LEACHATE<br>(gallons) | RAINFALL<br>(inches) | RAINFALL<br>(gallons) | STAGE I<br>LEACHATE/<br>RAINFALL<br>(%) | STAGE II<br>LEACHATE/<br>RAINFALL<br>(%) | STAGE III<br>LEACHATE/<br>RAINFALL<br>(%) |
| JANUARY      | 1,891,568                        | 2,321,311                      | 1,545,016                          | 5,757,895                      | 2.73                 | 21,202,862            | 25.0%                                   | 26.5%                                    | 31.6%                                     |
| FEBRUARY     | 1,385,810                        | 1,705,767                      | 856,744                            | 3,948,321                      | 0.23                 | 1,786,322             | 217.5%                                  | 231.4%                                   | 207.8%                                    |
| MARCH        | 2,510,442                        | 3,333,526                      | 1,682,200                          | 7,526,168                      | 0.40                 | 3,106,646             | 226.6%                                  | 260.1%                                   | 234.6%                                    |
| APRIL        | 375,790                          | 1,393,701                      | 831,272                            | 2,600,763                      | 4.94                 | 38,367,083            | 2.7%                                    | 8.8%                                     | 9.4%                                      |
| MAY          | 1,703,880                        | 1,641,633                      | 979,928                            | 4,325,441                      | 9.08                 | 70,520,873            | 6.8%                                    | 5.6%                                     | 6.0%                                      |
| JUNE         | 1,656,128                        | 2,339,676                      | 1,045,192                          | 5,040,996                      | 3.52                 | 27,338,488            | 17.0%                                   | 20.7%                                    | 16.6%                                     |
| JULY         | 798,448                          | 1,843,608                      | 857,448                            | 3,499,504                      | 6.45                 | 50,094,673            | 4.5%                                    | 8.9%                                     | 7.4%                                      |
| AUGUST       |                                  |                                |                                    |                                |                      |                       |                                         |                                          |                                           |
| SEPTEMBER    |                                  |                                |                                    |                                |                      |                       |                                         |                                          |                                           |
| OCTOBER      |                                  |                                |                                    |                                |                      |                       |                                         |                                          |                                           |
| NOVEMBER     |                                  |                                |                                    |                                |                      |                       |                                         |                                          |                                           |
| DECEMBER     |                                  |                                |                                    |                                |                      |                       |                                         |                                          |                                           |
| <b>TOTAL</b> | <b>10,322,066</b>                | <b>14,579,222</b>              | <b>7,797,800</b>                   | <b>32,699,088</b>              | <b>27.35</b>         | <b>212,416,948</b>    | <b>13.6%</b>                            | <b>16.6%</b>                             | <b>15.9%</b>                              |

Notes:

1. (B) Total leachate pumped from Stage I.
2. (C) Total leachate pumped from Stage II
3. (D) Total leachate pumped from Stage III
4. (E) Total leachate (Column B+C+D) pumped to WWTP storage tank.
5. (F) Total rainfall in inches.
6. (G) Total rainfall in gallons (Stage I, II, and III Open Area of 286-acres x Rainfall)
7. (H) Stage I leachate as a percentage of rainfall.
8. (I) Stage II leachate pumped as a percentage of rainfall.
9. (J) Stage III leachate pumped as a percentage of rainfall.

Landfill Stage Land Area

|                  | Stage I<br>(acres) | Stage II<br>(acres) | Stage III<br>(acres) | TOTAL<br>(acres) |
|------------------|--------------------|---------------------|----------------------|------------------|
| Initial Cover    | 102.0              | 113.0               | 66.0                 | 281.0            |
| Intermed. Cover  | 0.0                | 5.0                 | --                   | 5.0              |
| Closed           | 30.0               | 0.0                 | --                   | 30.0             |
| <b>TOTAL</b>     | <b>132.0</b>       | <b>118.0</b>        | <b>66.0</b>          | <b>316.0</b>     |
| <b>Open Area</b> | <b>102.0</b>       | <b>118.0</b>        | <b>66.0</b>          | <b>286.0</b>     |

# LEACHATE METER READINGS

| DATE    | LEACHATE METERS |          |           |         | STORMWATER S.G. |       | COMMENTS | NAME (Initials) |
|---------|-----------------|----------|-----------|---------|-----------------|-------|----------|-----------------|
|         | #1              | #2       | #3        | #4      | #1              | #2    |          |                 |
|         |                 |          |           |         |                 |       |          |                 |
| 7/1/23  |                 |          |           |         |                 |       |          |                 |
| 7/2/23  |                 |          |           |         |                 |       |          |                 |
| 7/3/23  | 59408944        | 22644440 | 102030904 | 2414769 | 34.35           | 30.17 | OK       | MG              |
| 7/4/23  |                 |          |           |         |                 |       |          |                 |
| 7/5/23  | 59414936        | 22749802 | 102075904 | 2533018 | 34.33           | DRY   | OK       | DRK             |
| 7/6/23  | 59418032        | 22779050 | 102103544 | 2597547 | 34.32           | DRY   | OK       | DRK             |
| 7/7/23  | 59421808        | 22807100 | 102131872 | 2656220 | 34.31           | DRY   | OK       | DRK             |
| 7/8/23  |                 |          |           |         |                 |       |          |                 |
| 7/9/23  |                 |          |           |         |                 |       |          |                 |
| 7/10/23 | 59432808        | 22891796 | 102206520 | 2839124 | 34.28           | DRY   | OK       | DRK             |
| 7/11/23 | 59435884        | 22718960 | 102231288 | 2900010 | 34.31           | DRY   | OK       | DRK             |
| 7/12/23 | 59439220        | 22949436 | 102259576 | 2968241 | 34.31           | DRY   | OK       | DRK             |
| 7/13/23 | 59441668        | 22974936 | 102282328 | 3023304 | 34.31           | DRY   | OK       | DRK             |
| 7/14/23 | 59445188        | 23002370 | 102309048 | 3081202 | 34.31           | DRY   | OK       | DRK             |
| 7/15/23 |                 |          |           |         |                 |       |          |                 |
| 7/16/23 |                 |          |           |         |                 |       |          |                 |
| 7/17/23 | 59455436        | 23085274 | 102391688 | 3259879 | 34.28           | DRY   | OK       | DRK             |
| 7/18/23 | 59459020        | 23113066 | 102419968 | 3320335 | 34.34           | DRY   | OK       | DRK             |
| 7/19/23 | 59462244        | 23136316 | 102445480 | 3372574 | 34.45           | 29.80 | OK       | DRK             |
| 7/20/23 | 59465984        | 23166694 | 102480600 | 3440174 | 34.43           | 29.78 | OK       | DRK             |
| 7/21/23 | 59469048        | 23191034 | 102504496 | 3490056 | 34.43           | 29.75 | OK       | DRK             |
| 7/22/23 |                 |          |           |         |                 |       |          |                 |
| 7/23/23 |                 |          |           |         |                 |       |          |                 |
| 7/24/23 | 59480644        | 23278870 | 102589416 | 3669781 | 34.39           | DRY   | OK       | DRK             |
| 7/25/23 | 59483644        | 23296864 | 102610280 | 3714716 | 34.39           | DRY   | OK       | DRK             |
| 7/26/23 | 59486488        | 23300664 | 102639784 | 3777175 | 34.38           | DRY   | OK       | DRK             |
| 7/27/23 | 59488956        | 23301332 | 102668608 | 3833694 | 34.38           | DRY   | OK       | DRK             |
| 7/28/23 | 59491316        | 23302142 | 102703216 | 3889046 | 34.38           | DRY   | OK       | DRK             |
| 7/29/23 |                 |          |           |         |                 |       |          |                 |
| 7/30/23 |                 |          |           |         |                 |       |          |                 |
| 7/31/23 | 59501416        | 23304818 | 102805768 | 4058288 | 34.51           | 32.04 | OK       | DRK             |

Landfill

| LANDFILL SHEET |              |                 | LAKE LEVEL DATA<br>IN FEET NGVD |                   |
|----------------|--------------|-----------------|---------------------------------|-------------------|
| 2023<br>Jul    | RAIN<br>FALL | LEACHATE<br>MGD | SOUTH<br>(86 ACRE)              | EAST<br>(63 ACRE) |
| 1              | 0.00         | 0.105           | 18.80                           | 40.80             |
| 2              | 0.00         | 0.103           | 18.80                           | 40.80             |
| 3              | 0.30         | 0.101           | 18.80                           | 40.80             |
| 4              | 0.00         | 0.107           | 18.80                           | 40.80             |
| 5              | 0.00         | 0.104           | 18.80                           | 40.80             |
| 6              | 0.00         | 0.105           | 18.80                           | 40.80             |
| 7              | 0.08         | 0.102           | 18.80                           | 40.80             |
| 8              | 0.09         | 0.099           | 18.80                           | 40.80             |
| 9              | 0.02         | 0.098           | 18.80                           | 40.80             |
| 10             | 0.82         | 0.095           | 18.80                           | 40.80             |
| 11             | 0.00         | 0.097           | 18.80                           | 40.80             |
| 12             | 0.02         | 0.095           | 18.80                           | 40.80             |
| 13             | 0.00         | 0.101           | 18.80                           | 40.80             |
| 14             | 0.00         | 0.104           | 18.80                           | 40.80             |
| 15             | 0.00         | 0.098           | 18.80                           | 40.80             |
| 16             | 0.00         | 0.094           | 18.80                           | 40.80             |
| 17             | 0.02         | 0.098           | 18.80                           | 40.80             |
| 18             | 1.28         | 0.098           | 18.80                           | 40.80             |
| 19             | 0.06         | 0.098           | 18.80                           | 40.80             |
| 20             | 0.02         | 0.097           | 18.80                           | 40.80             |
| 21             | 0.03         | 0.105           | 18.80                           | 40.80             |
| 22             | 0.09         | 0.098           | 18.80                           | 40.80             |
| 23             | 0.19         | 0.094           | 18.80                           | 40.80             |
| 24             | 0.01         | 0.090           | 18.80                           | 40.80             |
| 25             | 0.26         | 0.084           | 18.80                           | 40.80             |
| 26             | 0.02         | 0.078           | 18.80                           | 40.80             |
| 27             | 0.00         | 0.077           | 18.80                           | 40.80             |
| 28             | 0.00         | 0.073           | 18.80                           | 40.80             |
| 29             | 2.97         | 0.074           | 18.80                           | 40.80             |
| 30             | 0.00         | 0.084           | 18.80                           | 40.80             |
| 31             | 0.17         | 0.086           | 18.80                           | 40.80             |
| TOTAL          | 6.45         | 2.942           |                                 |                   |
| AVG            |              | 0.095           |                                 |                   |
| MIN            |              |                 |                                 |                   |
| MAX            | 2.97         | 0.107           |                                 |                   |

Fax # 9-708-5668

FIGURE L-7

Manatee County Lena Road Landfill

# Monthly Groundwater Gradient Report

Month and Year: July 2023

| Piezometers Inside Slurry Wall |                 |                    | Gradient Flow | Groundwater Monitoring Wells Outside Slurry Wall |                 |                       |
|--------------------------------|-----------------|--------------------|---------------|--------------------------------------------------|-----------------|-----------------------|
| Piezometer                     | Riser Elevation | Leachate Elevation |               | Monitoring Well                                  | Riser Elevation | Groundwater Elevation |
| P-1                            | 42.68           | NA                 | NA            | GW-1                                             | 38.68           | NA                    |
| P-2                            | 42.32           | NA                 | NA            | GW-2                                             | 40.92           | NA                    |
| P-3                            | 40.36           | 24.81              | <i>inward</i> | GW-3                                             | 39.40           | 32.40                 |
| P-4                            | 40.78           | 22.22              | <i>inward</i> | GW-4                                             | 40.53           | 31.42                 |
| P-5                            | 40.73           | 21.29              | <i>inward</i> | GW-5                                             | 39.90           | 31.02                 |
| P-6                            | 40.74           | 19.90              | <i>inward</i> | GW-6                                             | 38.95           | 30.16                 |
| P-7                            | 40.60           | 19.31              | <i>inward</i> | GW-7                                             | 39.49           | 27.87                 |
| P-8                            | 40.21           | 19.12              | <i>inward</i> | GW-8                                             | 39.75           | 26.47                 |
| P-9                            | NA              | NA                 | NA            | NA                                               | NA              | NA                    |
| P-9A                           | 39.83           | 22.77              | <i>inward</i> | GW-9                                             | 39.65           | 25.90                 |
| P-10                           | 39.86           | 19.41              | <i>inward</i> | GW-10                                            | 38.34           | 26.15                 |
| P-11                           | 40.52           | 22.19              | <i>inward</i> | GW-11                                            | 38.26           | 29.06                 |
| P-12                           | 43.28           | 30.90              | <i>inward</i> | GW-12                                            | 42.09           | 32.69                 |
| P-13                           | 44.78           | 31.17              | <i>inward</i> | GW-13                                            | 44.79           | 34.50                 |
| P-14                           | 45.09           | 30.52              | <i>inward</i> | GW-14                                            | 39.63           | 34.25                 |
| P-15                           | 45.57           | 30.97              | <i>inward</i> | GW-15                                            | 42.33           | 32.65                 |
| P-16                           | 44.67           | 31.07              | <i>inward</i> | GW-16                                            | 44.41           | 35.54                 |
| P-17                           | 44.28           | 31.20              | <i>inward</i> | GW-17                                            | 42.19           | 34.24                 |
| P-18                           | 43.16           | 24.12              | <i>inward</i> | GW-18                                            | 41.76           | 30.31                 |
| P-19                           | 42.91           | 23.07              | <i>inward</i> | GW-19                                            | 41.20           | 28.95                 |
| P-20                           | 42.54           | 25.56              | <i>inward</i> | GW-20                                            | 41.00           | 28.02                 |
| P-21                           | 42.23           | 24.81              | <i>inward</i> | GW-21                                            | 40.94           | 25.38                 |
| P-22                           | 42.06           | 23.88              | <i>inward</i> | GW-22                                            | 41.53           | 25.23                 |
| P-23                           | 42.08           | 22.46              | <i>inward</i> | GW-23                                            | 40.91           | 28.04                 |
| P-24                           | 42.03           | 19.92              | <i>inward</i> | GW-24                                            | 41.37           | 27.92                 |
| P-25                           | 42.16           | 19.25              | <i>inward</i> | GW-25                                            | 41.11           | 29.32                 |
| P-26                           | 42.50           | 19.21              | <i>inward</i> | GW-26                                            | 41.44           | 32.71                 |
| P-27R                          | 42.73           | 19.61              | <i>inward</i> | GW-27R                                           | 40.90           | 32.02                 |

NA = Not Applicable - wells and piezometers abandoned in March 2016

Wells (GW-18 through GW-27R) and piezometers (P-18 through P-27R) installed in April 2016

Piezometer P-9 abandoned and P-9A installed August 25, 2020

Date Data Collected: 7/26/2023