

February 10, 2020

Claire Dijak
Surface Water Quality Division
Michigan Department of EGLE
301 East Louis Glick Highway
Jackson, Michigan 49201

**Re: Monitoring Report # 273
January 1 – January 31, 2020**

Dear Ms. Dijak:

Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit No. MI0048453, please find the enclosed Monitoring Report for the period of January 1 through January 31, 2020.

Should you have any questions or concerns regarding this report, please contact me at 386-562-0176.

Sincerely,



Lawrence J. Gelb
Sr. Director Global EHS

cc: Dan Hamel, MDEQ
Supervisor, Scio Twp.
City of Ann Arbor



EXTRACTION DATA

- TABLE #1 - UNIT "D2" UPGRADIENT EXTRACTION DATA**
- TABLE #2 - UNIT "D2" DOWNGRADIENT EXTRACTION DATA**
- TABLE #3 - CORE AREA EXTRACTION DATA**
- TABLE #4 - MARSHY AREA EXTRACTION DATA**
- TABLE #5 - SOUTHWEST AREA EXTRACTION DATA**
- TABLE #6 - UNIT "E" EXTRACTION DATA**
- TABLE #7 - LITTLE LAKE AREA SYSTEM DATA**
- TABLE #8 - INDIVIDUAL PURGE WELL CONCENTRATIONS**
- TABLE #9 - RED POND DATA**
- TABLE #10 - RED POND CONCENTRATIONS**

OZONE OPERATION DATA

- TABLE #11 - OZONE OPERATION REPORT**

DISCHARGE DATA

- TABLE #12 - GREEN POND / DISCHARGE DATA**
- TABLE #13 - DAILY DISCHARGE MONITORING REPORT**

TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Jan-20**

| Date | Horizontal Well Extraction | | | TW-9 | | | TW-5 | | | TW-21 | | | Daily Flow | Daily Total |
|---------------|----------------------------|-----|----------|----------------|-----------|---------------|----------------|-----------|---------------|------------------|-----------|---------------|------------|------------------|
| | HW-S | GPM | Run Hrs. | TW-9 | GPM | Run Hrs. | TW-5 | GPM | Run Hrs. | TW-21 | GPM | Run Hrs. | GPM | Gallons |
| | Gallons | | | Gallons | | | Gallons | | | Gallons | | | | |
| Wed-1/1/20 | - | - | - | - | - | - | - | - | - | 86,493 | 60 | 24.00 | 60 | 86,493 |
| Thu-1/2/20 | - | - | - | - | - | - | 43,438 | 30 | 24.00 | 86,515 | 60 | 24.00 | 90 | 129,953 |
| Fri-1/3/20 | - | - | - | - | - | - | 35,965 | 25 | 24.00 | 81,086 | 61 | 22.00 | 81 | 117,051 |
| Sat-1/4/20 | - | - | - | - | - | - | 36,130 | 25 | 24.00 | 84,665 | 59 | 24.00 | 84 | 120,795 |
| Sun-1/5/20 | - | - | - | - | - | - | 36,199 | 25 | 24.00 | 84,773 | 59 | 24.00 | 84 | 120,972 |
| Mon-1/6/20 | - | - | - | 612 | 51 | 0.20 | 36,153 | 25 | 24.00 | 76,046 | 60 | 21.00 | 78 | 112,811 |
| Tue-1/7/20 | - | - | - | 41,326 | 50 | 13.65 | 35,898 | 25 | 24.00 | 79,450 | 55 | 23.90 | 109 | 156,674 |
| Wed-1/8/20 | - | - | - | 15,198 | 50 | 5.12 | 36,115 | 25 | 24.00 | 76,517 | 56 | 22.63 | 89 | 127,830 |
| Thu-1/9/20 | - | - | - | - | - | - | 36,159 | 25 | 24.00 | 77,468 | 57 | 22.62 | 79 | 113,627 |
| Fri-1/10/20 | - | - | - | - | - | - | 40,113 | 29 | 23.42 | 76,286 | 56 | 22.70 | 81 | 116,399 |
| Sat-1/11/20 | - | - | - | - | - | - | 50,615 | 35 | 24.00 | 76,314 | 57 | 22.36 | 88 | 126,929 |
| Sun-1/12/20 | - | - | - | - | - | - | 50,506 | 35 | 24.00 | 84,856 | 59 | 24.00 | 94 | 135,362 |
| Mon-1/13/20 | - | - | - | 39,664 | 50 | 13.33 | 50,554 | 35 | 24.00 | 79,667 | 58 | 23.00 | 118 | 169,885 |
| Tue-1/14/20 | - | - | - | 73,160 | 51 | 24.00 | 50,602 | 35 | 24.00 | 73,922 | 55 | 22.60 | 137 | 197,684 |
| Wed-1/15/20 | - | - | - | 74,601 | 52 | 24.00 | 49,237 | 34 | 23.85 | 79,322 | 59 | 22.50 | 141 | 203,160 |
| Thu-1/16/20 | - | - | - | 73,225 | 51 | 24.00 | 50,546 | 35 | 24.00 | 82,697 | 58 | 23.62 | 143 | 206,468 |
| Fri-1/17/20 | - | - | - | 73,375 | 51 | 24.00 | 50,495 | 35 | 24.00 | 86,393 | 60 | 24.00 | 146 | 210,263 |
| Sat-1/18/20 | - | - | - | 73,871 | 51 | 23.98 | 50,600 | 35 | 24.00 | 86,426 | 60 | 24.00 | 146 | 210,897 |
| Sun-1/19/20 | - | - | - | 74,159 | 51 | 24.00 | 50,417 | 35 | 24.00 | 86,351 | 60 | 24.00 | 146 | 210,927 |
| Mon-1/20/20 | - | - | - | 74,264 | 52 | 24.00 | 27,411 | 35 | 13.23 | 86,358 | 60 | 24.00 | 131 | 188,033 |
| Tue-1/21/20 | - | - | - | 74,308 | 52 | 24.00 | 42,111 | 35 | 20.30 | 86,407 | 60 | 24.00 | 141 | 202,826 |
| Wed-1/22/20 | - | - | - | 37,919 | 48 | 13.18 | 25,716 | 35 | 12.38 | 86,400 | 60 | 24.00 | 104 | 150,035 |
| Thu-1/23/20 | - | - | - | - | - | - | - | - | - | 85,782 | 60 | 24.00 | 60 | 85,782 |
| Fri-1/24/20 | - | - | - | - | - | - | 45 | 15 | 0.05 | 86,446 | 60 | 24.00 | 60 | 86,491 |
| Sat-1/25/20 | - | - | - | - | - | - | - | - | - | 86,421 | 60 | 24.00 | 60 | 86,421 |
| Sun-1/26/20 | - | - | - | - | - | - | - | - | - | 86,412 | 60 | 24.00 | 60 | 86,412 |
| Mon-1/27/20 | - | - | - | - | - | - | - | - | - | 86,414 | 60 | 24.00 | 60 | 86,414 |
| Tue-1/28/20 | - | - | - | - | - | - | - | - | - | 86,434 | 60 | 24.00 | 60 | 86,434 |
| Wed-1/29/20 | - | - | - | - | - | - | - | - | - | 86,441 | 60 | 24.00 | 60 | 86,441 |
| Thu-1/30/20 | - | - | - | - | - | - | - | - | - | 86,439 | 60 | 24.00 | 60 | 86,439 |
| Fri-1/31/20 | - | - | - | - | - | - | - | - | - | 86,278 | 60 | 24.00 | 60 | 86,278 |
| TOTALS | - | - | - | 725,682 | 51 | 237.47 | 885,025 | 30 | 477.23 | 2,581,479 | 59 | 728.93 | 94 | 4,192,186 |

| | |
|------------------------------------|--------------------------|
| TOTAL VOLUME EXTRACTED : | 4,192,186 GALLONS |
| DAYS IN MONTH : | 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : | 93.91 GPM |

1/3/20 -TW-21 was shut down for communications upgrades.
 1/6/20 - TW-21 was shut down briefly for maintenance.
 1/8/20 - 1/11/20 - TW-21 was shut down briefly for maintenance.
 1/14/20 - 1/15/20 - TW-21 was shut down briefly for maintenance.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Jan-20**

| Date | LB-1 | | | LB-4 | | | Daily | Daily |
|---------------|---------|-----|----------|------------------|------------|---------------|------------|------------------|
| | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Flow GPM | Total Gallons |
| Wed-1/1/20 | - | - | - | 144,219 | 100 | 24.00 | 100 | 144,219 |
| Thu-1/2/20 | - | - | - | 144,193 | 100 | 24.00 | 100 | 144,193 |
| Fri-1/3/20 | - | - | - | 144,188 | 100 | 24.00 | 100 | 144,188 |
| Sat-1/4/20 | - | - | - | 144,210 | 100 | 24.00 | 100 | 144,210 |
| Sun-1/5/20 | - | - | - | 144,166 | 100 | 24.00 | 100 | 144,166 |
| Mon-1/6/20 | - | - | - | 144,194 | 100 | 24.00 | 100 | 144,194 |
| Tue-1/7/20 | - | - | - | 135,083 | 100 | 22.48 | 94 | 135,083 |
| Wed-1/8/20 | - | - | - | 144,187 | 100 | 24.00 | 100 | 144,187 |
| Thu-1/9/20 | - | - | - | 144,200 | 100 | 24.00 | 100 | 144,200 |
| Fri-1/10/20 | - | - | - | 144,205 | 100 | 24.00 | 100 | 144,205 |
| Sat-1/11/20 | - | - | - | 144,184 | 100 | 24.00 | 100 | 144,184 |
| Sun-1/12/20 | - | - | - | 144,206 | 100 | 24.00 | 100 | 144,206 |
| Mon-1/13/20 | - | - | - | 144,184 | 100 | 24.00 | 100 | 144,184 |
| Tue-1/14/20 | - | - | - | 144,202 | 100 | 24.00 | 100 | 144,202 |
| Wed-1/15/20 | - | - | - | 144,191 | 100 | 24.00 | 100 | 144,191 |
| Thu-1/16/20 | - | - | - | 144,195 | 100 | 24.00 | 100 | 144,195 |
| Fri-1/17/20 | - | - | - | 144,222 | 100 | 24.00 | 100 | 144,222 |
| Sat-1/18/20 | - | - | - | 144,219 | 100 | 24.00 | 100 | 144,219 |
| Sun-1/19/20 | - | - | - | 144,183 | 100 | 24.00 | 100 | 144,183 |
| Mon-1/20/20 | - | - | - | 144,227 | 100 | 24.00 | 100 | 144,227 |
| Tue-1/21/20 | - | - | - | 144,204 | 100 | 24.00 | 100 | 144,204 |
| Wed-1/22/20 | - | - | - | 144,191 | 100 | 24.00 | 100 | 144,191 |
| Thu-1/23/20 | - | - | - | 144,209 | 100 | 24.00 | 100 | 144,209 |
| Fri-1/24/20 | - | - | - | 143,317 | 100 | 23.86 | 100 | 143,317 |
| Sat-1/25/20 | - | - | - | 144,172 | 100 | 24.00 | 100 | 144,172 |
| Sun-1/26/20 | - | - | - | 144,169 | 100 | 24.00 | 100 | 144,169 |
| Mon-1/27/20 | - | - | - | 144,188 | 100 | 24.00 | 100 | 144,188 |
| Tue-1/28/20 | - | - | - | 144,213 | 100 | 24.00 | 100 | 144,213 |
| Wed-1/29/20 | - | - | - | 144,208 | 100 | 24.00 | 100 | 144,208 |
| Thu-1/30/20 | - | - | - | 144,216 | 100 | 24.00 | 100 | 144,216 |
| Fri-1/31/20 | - | - | - | 144,208 | 100 | 24.00 | 100 | 144,208 |
| TOTALS | - | - | - | 4,460,153 | 100 | 742.34 | 100 | 4,460,153 |

| | |
|------------------------------------|--------------------------|
| TOTAL VOLUME EXTRACTED : | 4,460,153 GALLONS |
| DAYS IN MONTH : | 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : | 99.91 GPM |

1/7/20 - LB-4 was shut down briefly for communications maintenance.

TABLE #3

CORE AREA EXTRACTION DATA

Month of: **Jan-20**

| Core Area Well Extraction | | | | | | | | | | | | | | | | | | Daily | Daily | |
|---------------------------|---------|-----|----------|----------------|-----------|---------------|---------|-----|----------|----------------|-----------|---------------|---------------|-----------|--------------|----------------|-----------|---------------|-------------|------------------|
| Date | TW-1 | | | TW-2 (Dolph) | | | TW-3 | | | TW-10 | | | TW-14 | | | TW-20 | | | Flow GPM | Total Gallons |
| | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | | |
| Wed-1/1/20 | - | - | - | 17,275 | 12 | 24.00 | - | - | - | - | - | - | - | - | - | 21,666 | 15 | 24.00 | 27 | 38,941 |
| Thu-1/2/20 | - | - | - | 17,234 | 12 | 24.00 | - | - | - | - | - | - | - | - | - | 21,647 | 15 | 24.00 | 27 | 38,881 |
| Fri-1/3/20 | - | - | - | 16,983 | 12 | 24.00 | - | - | - | - | - | - | - | - | - | 21,656 | 15 | 23.98 | 27 | 38,639 |
| Sat-1/4/20 | - | - | - | 16,530 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 21,639 | 15 | 24.00 | 27 | 38,169 |
| Sun-1/5/20 | - | - | - | 16,025 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 21,652 | 15 | 24.00 | 26 | 37,677 |
| Mon-1/6/20 | - | - | - | 15,707 | 11 | 24.00 | - | - | - | 505 | 46 | 0.18 | - | - | - | 21,646 | 15 | 24.00 | 26 | 37,858 |
| Tue-1/7/20 | - | - | - | 15,628 | 11 | 24.00 | - | - | - | 40,007 | 45 | 14.67 | 82 | 41 | 0.03 | 21,634 | 15 | 24.00 | 54 | 77,351 |
| Wed-1/8/20 | - | - | - | 15,005 | 10 | 24.00 | - | - | - | 11,196 | 46 | 4.08 | - | - | - | 21,662 | 15 | 24.00 | 33 | 47,863 |
| Thu-1/9/20 | - | - | - | 15,015 | 10 | 24.00 | - | - | - | - | - | - | 216 | 36 | 0.10 | 21,636 | 15 | 24.00 | 26 | 36,867 |
| Fri-1/10/20 | - | - | - | 14,419 | 10 | 23.08 | - | - | - | - | - | - | - | - | - | 21,663 | 15 | 24.00 | 25 | 36,082 |
| Sat-1/11/20 | - | - | - | 15,150 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 21,670 | 15 | 24.00 | 26 | 36,820 |
| Sun-1/12/20 | - | - | - | 15,180 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 21,648 | 15 | 24.00 | 26 | 36,828 |
| Mon-1/13/20 | - | - | - | 15,201 | 11 | 24.00 | - | - | - | 34,085 | 40 | 14.37 | - | - | - | 21,626 | 15 | 24.00 | 49 | 70,912 |
| Tue-1/14/20 | - | - | - | 15,345 | 11 | 24.00 | - | - | - | 57,434 | 40 | 24.00 | - | - | - | 21,635 | 15 | 24.00 | 66 | 94,414 |
| Wed-1/15/20 | - | - | - | 14,631 | 10 | 23.37 | - | - | - | 57,588 | 40 | 24.00 | 250 | 36 | 0.12 | 21,659 | 15 | 24.00 | 65 | 94,128 |
| Thu-1/16/20 | - | - | - | 14,823 | 10 | 24.00 | - | - | - | 57,807 | 40 | 24.00 | - | - | - | 21,641 | 15 | 24.00 | 65 | 94,271 |
| Fri-1/17/20 | - | - | - | 14,611 | 10 | 24.00 | - | - | - | 58,054 | 40 | 24.00 | - | - | - | 21,627 | 15 | 24.00 | 65 | 94,292 |
| Sat-1/18/20 | - | - | - | 15,651 | 11 | 24.00 | - | - | - | 58,250 | 40 | 24.00 | - | - | - | 21,602 | 15 | 24.00 | 66 | 95,503 |
| Sun-1/19/20 | - | - | - | 15,364 | 11 | 24.00 | - | - | - | 58,282 | 40 | 24.00 | - | - | - | 21,653 | 15 | 24.00 | 66 | 95,299 |
| Mon-1/20/20 | - | - | - | 14,758 | 10 | 24.00 | - | - | - | 58,347 | 41 | 24.00 | 20,624 | 35 | 9.87 | 8,598 | 15 | 9.50 | 71 | 102,327 |
| Tue-1/21/20 | - | - | - | 14,670 | 10 | 24.00 | - | - | - | 58,422 | 41 | 24.00 | 49,719 | 35 | 24.00 | - | - | - | 85 | 122,811 |
| Wed-1/22/20 | - | - | - | 14,984 | 10 | 24.00 | - | - | - | 29,624 | 41 | 12.15 | 14,336 | 35 | 6.80 | - | - | - | 41 | 58,944 |
| Thu-1/23/20 | - | - | - | 15,076 | 11 | 23.65 | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 15,076 |
| Fri-1/24/20 | - | - | - | 15,842 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 25,845 | 25 | 17.17 | 29 | 41,687 |
| Sat-1/25/20 | - | - | - | 15,918 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 36,263 | 25 | 24.00 | 36 | 52,181 |
| Sun-1/26/20 | - | - | - | 15,871 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 36,262 | 25 | 24.00 | 36 | 52,133 |
| Mon-1/27/20 | - | - | - | 15,749 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 36,080 | 25 | 24.00 | 36 | 51,829 |
| Tue-1/28/20 | - | - | - | 15,644 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 36,158 | 25 | 24.00 | 36 | 51,802 |
| Wed-1/29/20 | - | - | - | 15,601 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 35,966 | 25 | 24.00 | 36 | 51,567 |
| Thu-1/30/20 | - | - | - | 15,676 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 36,001 | 25 | 24.00 | 36 | 51,677 |
| Fri-1/31/20 | - | - | - | 15,784 | 11 | 24.00 | - | - | - | - | - | - | - | - | - | 35,952 | 25 | 24.00 | 36 | 51,736 |
| TOTALS | - | - | - | 481,350 | 11 | 742.10 | - | - | - | 579,601 | 42 | 237.45 | 85,227 | 36 | 40.92 | 698,387 | 18 | 650.65 | 41 | 1,844,565 |

| |
|---|
| TOTAL VOLUME EXTRACTED : 1,844,565 GALLONS |
| DAYS IN MONTH : 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : 41.32 GPM |

1/20/20 - 1/24/20 - TW-20 was shut down for rehabilitation.

MARSHY AREA EXTRACTION DATA

Month of: Jan-20

| Marshy Well Extraction | | | | Daily Flow | Daily Total |
|-------------------------------|---------------------|------------|-----------------|-------------------|--------------------|
| Date | PW-1 Gallons | GPM | Run Hrs. | GPM | Gallons |
| Wed-1/1/20 | 2,264 | 2 | 24.00 | 2 | 2,264 |
| Thu-1/2/20 | 2,256 | 2 | 24.00 | 2 | 2,256 |
| Fri-1/3/20 | 2,251 | 2 | 24.00 | 2 | 2,251 |
| Sat-1/4/20 | 2,264 | 2 | 24.00 | 2 | 2,264 |
| Sun-1/5/20 | 2,271 | 2 | 24.00 | 2 | 2,271 |
| Mon-1/6/20 | 2,261 | 2 | 24.00 | 2 | 2,261 |
| Tue-1/7/20 | 2,262 | 2 | 24.00 | 2 | 2,262 |
| Wed-1/8/20 | 2,282 | 2 | 24.00 | 2 | 2,282 |
| Thu-1/9/20 | 2,277 | 2 | 24.00 | 2 | 2,277 |
| Fri-1/10/20 | 2,258 | 2 | 24.00 | 2 | 2,258 |
| Sat-1/11/20 | 2,266 | 2 | 24.00 | 2 | 2,266 |
| Sun-1/12/20 | 2,281 | 2 | 24.00 | 2 | 2,281 |
| Mon-1/13/20 | 2,274 | 2 | 24.00 | 2 | 2,274 |
| Tue-1/14/20 | 2,271 | 2 | 24.00 | 2 | 2,271 |
| Wed-1/15/20 | 2,264 | 2 | 24.00 | 2 | 2,264 |
| Thu-1/16/20 | 2,274 | 2 | 24.00 | 2 | 2,274 |
| Fri-1/17/20 | 2,270 | 2 | 24.00 | 2 | 2,270 |
| Sat-1/18/20 | 2,263 | 2 | 24.00 | 2 | 2,263 |
| Sun-1/19/20 | 2,238 | 2 | 24.00 | 2 | 2,238 |
| Mon-1/20/20 | 1,941 | 1 | 24.00 | 1 | 1,941 |
| Tue-1/21/20 | 1,823 | 1 | 24.00 | 1 | 1,823 |
| Wed-1/22/20 | 1,821 | 1 | 24.00 | 1 | 1,821 |
| Thu-1/23/20 | 1,753 | 1 | 23.78 | 1 | 1,753 |
| Fri-1/24/20 | 1,876 | 1 | 24.00 | 1 | 1,876 |
| Sat-1/25/20 | 1,910 | 1 | 24.00 | 1 | 1,910 |
| Sun-1/26/20 | 1,928 | 1 | 24.00 | 1 | 1,928 |
| Mon-1/27/20 | 1,944 | 1 | 24.00 | 1 | 1,944 |
| Tue-1/28/20 | 1,953 | 1 | 24.00 | 1 | 1,953 |
| Wed-1/29/20 | 1,955 | 1 | 24.00 | 1 | 1,955 |
| Thu-1/30/20 | 1,951 | 1 | 24.00 | 1 | 1,951 |
| Fri-1/31/20 | 1,947 | 1 | 24.00 | 1 | 1,947 |
| TOTALS | 65,849 | 1 | 743.78 | 1 | 65,849 |

| | |
|------------------------------------|-----------------------|
| TOTAL VOLUME EXTRACTED : | 65,849 GALLONS |
| DAYS IN MONTH : | 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : | 1.48 GPM |

SOUTHWEST AREA EXTRACTION DATA

Month of: Jan-20

| SouthWest Well Extraction | | | | | | | Daily | Daily |
|---------------------------|---------------|----------|---------------|----------------|-----------|---------------|-----------|----------------|
| Date | TW22 | | | TW28 | | | Flow | Total |
| | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | GPM | Gallons |
| Wed-1/1/20 | 1 | | - | 28,414 | 20 | 24.00 | 20 | 28,415 |
| Thu-1/2/20 | 5 | | - | 28,372 | 20 | 23.88 | 20 | 28,377 |
| Fri-1/3/20 | 1 | | - | 28,565 | 20 | 23.98 | 20 | 28,566 |
| Sat-1/4/20 | - | | - | 28,515 | 20 | 24.00 | 20 | 28,515 |
| Sun-1/5/20 | - | | - | 28,471 | 20 | 24.00 | 20 | 28,471 |
| Mon-1/6/20 | - | | - | 28,536 | 20 | 24.00 | 20 | 28,536 |
| Tue-1/7/20 | - | | - | 28,667 | 20 | 23.90 | 20 | 28,667 |
| Wed-1/8/20 | - | | - | 28,697 | 20 | 24.00 | 20 | 28,697 |
| Thu-1/9/20 | - | | - | 28,646 | 20 | 24.00 | 20 | 28,646 |
| Fri-1/10/20 | - | | - | 28,612 | 20 | 24.00 | 20 | 28,612 |
| Sat-1/11/20 | - | | - | 13,302 | 20 | 11.13 | 9 | 13,302 |
| Sun-1/12/20 | - | | - | - | - | - | <2 | - |
| Mon-1/13/20 | - | | - | 18,235 | 20 | 15.17 | 13 | 18,235 |
| Tue-1/14/20 | - | | - | 28,774 | 20 | 24.00 | 20 | 28,774 |
| Wed-1/15/20 | 1,421 | 2 | 13.33 | 28,772 | 20 | 23.92 | 21 | 30,193 |
| Thu-1/16/20 | 706 | 2 | 5.78 | 11,551 | 20 | 9.65 | 9 | 12,257 |
| Fri-1/17/20 | 1,406 | 2 | 13.32 | - | - | - | <2 | 1,406 |
| Sat-1/18/20 | 2,424 | 2 | 24.00 | - | - | - | <2 | 2,424 |
| Sun-1/19/20 | 2,798 | 2 | 24.00 | - | - | - | <2 | 2,798 |
| Mon-1/20/20 | 2,918 | 2 | 24.00 | 19,605 | 20 | 16.43 | 16 | 22,523 |
| Tue-1/21/20 | 2,940 | 2 | 24.00 | 28,768 | 20 | 24.00 | 22 | 31,708 |
| Wed-1/22/20 | 2,917 | 2 | 24.00 | 28,860 | 20 | 24.00 | 22 | 31,777 |
| Thu-1/23/20 | 2,642 | 2 | 23.77 | 28,633 | 20 | 23.77 | 22 | 31,275 |
| Fri-1/24/20 | 2,858 | 2 | 24.00 | 33,806 | 23 | 24.00 | 25 | 36,664 |
| Sat-1/25/20 | 3,074 | 2 | 24.00 | 36,076 | 25 | 24.00 | 27 | 39,150 |
| Sun-1/26/20 | 3,086 | 2 | 24.00 | 36,046 | 25 | 24.00 | 27 | 39,132 |
| Mon-1/27/20 | 3,100 | 2 | 24.00 | 35,979 | 25 | 24.00 | 27 | 39,079 |
| Tue-1/28/20 | 3,068 | 2 | 24.00 | 36,099 | 25 | 24.00 | 27 | 39,167 |
| Wed-1/29/20 | 3,103 | 2 | 24.00 | 36,187 | 25 | 24.00 | 27 | 39,290 |
| Thu-1/30/20 | 3,112 | 2 | 24.00 | 36,156 | 25 | 24.00 | 27 | 39,268 |
| Fri-1/31/20 | 3,098 | 2 | 24.00 | 43,602 | 30 | 24.00 | 32 | 46,700 |
| TOTALS | 44,678 | 2 | 368.20 | 785,946 | 22 | 603.83 | 21 | 830,624 |

| | |
|------------------------------------|------------------------|
| TOTAL VOLUME EXTRACTED : | 830,624 GALLONS |
| DAYS IN MONTH : | 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : | 18.61 GPM |

1/1/20 - 1/17/20 - TW-22 - Gallons not recorded due to low flow
 1/11/20 - 1/13/20 - TW-28 was shut down for communications maintenance.
 1/16/20 - 1/20/20 - TW-28 was shut down for rehabilitation.

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: **Jan-20**

| Date | TW-11 | | | TW-17 | | | TW-18 | | | TW-19 | | | TW-23 | | | Daily | Daily |
|---------------|---------|-----|----------|------------------|-----------|---------------|------------------|------------|---------------|------------------|-----------|---------------|------------------|-----------|---------------|------------|------------------|
| | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Gallons | GPM | Run Hrs. | Flow GPM | Total Gallons |
| Wed-1/1/20 | - | - | - | 101,110 | 70 | 24.00 | 115,494 | 82 | 23.42 | 44,501 | 31 | 24.00 | 99,955 | 69 | 24.00 | 251 | 361,060 |
| Thu-1/2/20 | - | - | - | 101,154 | 70 | 24.00 | 116,993 | 82 | 23.85 | 44,483 | 31 | 24.00 | 100,173 | 70 | 24.00 | 252 | 362,803 |
| Fri-1/3/20 | - | - | - | 100,994 | 70 | 24.00 | 109,840 | 81 | 22.47 | 44,367 | 31 | 23.90 | 99,759 | 70 | 23.88 | 247 | 354,960 |
| Sat-1/4/20 | - | - | - | 101,055 | 70 | 24.00 | 115,699 | 82 | 23.65 | 44,418 | 31 | 23.88 | 93,049 | 65 | 23.88 | 246 | 354,221 |
| Sun-1/5/20 | - | - | - | 101,078 | 70 | 24.00 | 115,109 | 82 | 23.53 | 44,326 | 31 | 23.90 | 91,269 | 64 | 23.90 | 244 | 351,782 |
| Mon-1/6/20 | - | - | - | 101,116 | 70 | 24.00 | 104,434 | 82 | 21.28 | 48,400 | 37 | 21.66 | 78,589 | 61 | 21.60 | 231 | 332,539 |
| Tue-1/7/20 | - | - | - | 101,086 | 70 | 24.00 | 108,969 | 82 | 22.20 | 55,626 | 42 | 22.03 | 77,308 | 59 | 21.91 | 238 | 342,989 |
| Wed-1/8/20 | - | - | - | 101,056 | 70 | 24.00 | 105,606 | 82 | 21.48 | 59,162 | 42 | 23.38 | 81,060 | 58 | 23.30 | 241 | 346,884 |
| Thu-1/9/20 | - | - | - | 101,133 | 70 | 24.00 | 107,543 | 82 | 21.98 | 57,995 | 42 | 22.80 | 77,514 | 57 | 22.66 | 239 | 344,185 |
| Fri-1/10/20 | - | - | - | 101,176 | 70 | 24.00 | 104,730 | 81 | 21.45 | 56,741 | 42 | 22.45 | 74,590 | 56 | 22.33 | 234 | 337,237 |
| Sat-1/11/20 | - | - | - | 101,095 | 70 | 24.00 | 103,201 | 79 | 21.90 | 58,965 | 42 | 23.28 | 77,342 | 56 | 23.20 | 237 | 340,603 |
| Sun-1/12/20 | - | - | - | 101,127 | 70 | 24.00 | 115,875 | 82 | 23.68 | 60,342 | 42 | 24.00 | 79,126 | 55 | 24.00 | 248 | 356,470 |
| Mon-1/13/20 | - | - | - | 100,934 | 70 | 23.98 | 43,581 | 81 | 8.93 | 57,843 | 42 | 22.75 | 73,362 | 54 | 22.55 | 191 | 275,720 |
| Tue-1/14/20 | - | - | - | 100,890 | 70 | 24.00 | - | - | - | 56,856 | 42 | 22.31 | 70,818 | 53 | 22.11 | 159 | 228,564 |
| Wed-1/15/20 | - | - | - | 100,880 | 70 | 24.00 | - | - | - | 56,506 | 42 | 22.23 | 70,535 | 54 | 21.96 | 158 | 227,921 |
| Thu-1/16/20 | - | - | - | 100,877 | 70 | 24.00 | - | - | - | 72,859 | 51 | 23.78 | 65,689 | 46 | 23.75 | 166 | 239,425 |
| Fri-1/17/20 | - | - | - | 100,848 | 70 | 24.00 | - | - | - | 79,128 | 55 | 24.00 | 61,165 | 42 | 24.00 | 167 | 241,141 |
| Sat-1/18/20 | - | - | - | 100,875 | 70 | 23.97 | - | - | - | 78,658 | 55 | 23.85 | 58,869 | 41 | 23.81 | 166 | 238,402 |
| Sun-1/19/20 | - | - | - | 100,833 | 70 | 24.00 | - | - | - | 79,087 | 55 | 24.00 | 58,061 | 40 | 24.00 | 165 | 237,981 |
| Mon-1/20/20 | - | - | - | 100,849 | 70 | 24.00 | - | - | - | 79,173 | 55 | 24.00 | 57,170 | 40 | 24.00 | 165 | 237,192 |
| Tue-1/21/20 | - | - | - | 100,860 | 70 | 24.00 | - | - | - | 79,174 | 55 | 24.00 | 57,465 | 40 | 24.00 | 165 | 237,499 |
| Wed-1/22/20 | - | - | - | 84,671 | 59 | 23.97 | 114,282 | 152 | 12.57 | 79,102 | 55 | 24.00 | 57,473 | 40 | 24.00 | 233 | 335,528 |
| Thu-1/23/20 | - | - | - | 64,439 | 45 | 23.78 | 215,590 | 151 | 23.73 | 121,396 | 85 | 23.75 | 18,515 | 40 | 7.80 | 292 | 419,940 |
| Fri-1/24/20 | - | - | - | 50,218 | 48 | 17.47 | 218,136 | 152 | 23.98 | 85,166 | 98 | 14.43 | - | - | - | 246 | 353,520 |
| Sat-1/25/20 | - | - | - | 72,138 | 50 | 24.00 | 218,047 | 151 | 24.00 | - | - | - | - | - | - | 202 | 290,185 |
| Sun-1/26/20 | - | - | - | 72,202 | 50 | 24.00 | 218,198 | 152 | 24.00 | - | - | - | - | - | - | 202 | 290,400 |
| Mon-1/27/20 | - | - | - | 72,201 | 50 | 24.00 | 218,240 | 152 | 24.00 | - | - | - | - | - | - | 202 | 290,441 |
| Tue-1/28/20 | - | - | - | 72,214 | 50 | 24.00 | 177,348 | 155 | 19.08 | - | - | - | - | - | - | 173 | 249,562 |
| Wed-1/29/20 | - | - | - | 80,445 | 56 | 24.00 | 209,255 | 146 | 23.97 | - | - | - | - | - | - | 201 | 289,700 |
| Thu-1/30/20 | - | - | - | 86,675 | 60 | 24.00 | 203,764 | 142 | 24.00 | - | - | - | - | - | - | 202 | 290,439 |
| Fri-1/31/20 | - | - | - | 86,730 | 60 | 24.00 | 212,938 | 148 | 23.97 | - | - | - | - | - | - | 208 | 299,668 |
| TOTALS | - | - | - | 2,862,959 | 65 | 737.17 | 3,372,872 | 111 | 503.13 | 1,544,274 | 47 | 552.38 | 1,678,856 | 53 | 520.64 | 212 | 9,458,961 |

| | |
|------------------------------------|--------------------------|
| TOTAL VOLUME EXTRACTED : | 9,458,961 GALLONS |
| DAYS IN MONTH : | 31 DAYS |
| MONTHLY AVERAGE FLOW RATE : | 211.89 GPM |

1/6/20 - 1/22/20 - TW-18 was shut down for rehabilitation
 1/6/20 - 1/15/20 - TW-19 was shut down intermittently for communications maintenance.
 1/6/20 - 1/16/20 - TW-23 was shut down intermittently due to low flow.
 1/23/20 - 1/31/20 - TW-23 was shut down for rehabilitation.
 1/24/20 - TW-17 was shut down for maintenance.
 1/24/20 - 1/31/20 - TW-19 was shut down for rehabilitation.
 1/28/20 - TW-18 was shut down for maintenance.

TABLE #7

Little Lake Area System

| MW-53i | |
|----------|---------------------|
| Date | 1,4-Dioxane ug/L |
| 10/03/19 | 36 |
| 11/01/19 | 43 |
| 12/10/19 | 32 |
| 01/06/20 | 35 |

| A2 Cleaning Supply Well | |
|-------------------------|---------------------|
| Date | 1,4-Dioxane ug/L |
| 10/03/19 | 81 |
| 11/01/19 | 82 |
| 12/05/19 | 59 |
| 01/06/20 | 66 |

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

| SAMPLE ID | Date Sampled | 1,4-DIOXANE (ppb) |
|------------------------|---------------------|--------------------------|
| DOLPH-01-03-20-09:12-1 | 01/03/20 | 150 |
| TW-10-01-07-20-10:30-1 | 01/07/20 | 340 |
| TW-10-01-14-20-13:15-1 | 01/14/20 | 550 |
| TW-14-01-21-20-08:36-1 | 01/21/20 | 43 |
| TW-20-01-03-20-09:21-1 | 01/03/20 | 740 |
| LB-4-01-03-20-08:55-1 | 01/03/20 | 560 |
| TW-21-01-03-20-09:05-1 | 01/03/20 | 250 |
| TW-5-01-02-20-13:04-1 | 01/02/20 | 810 |
| TW-5-01-03-20-09:33-1 | 01/03/20 | 810 |
| TW-9-01-07-20-11:15-1 | 01/07/20 | 520 |
| TW-9-01-14-20-13:20-1 | 01/14/20 | 530 |
| TW-17-01-03-20-09:26-1 | 01/03/20 | 110 |
| TW-17-01-24-20-15:13-1 | 01/24/20 | 83 |
| TW-18-01-03-20-09:08-1 | 01/03/20 | 300 |
| TW-18-01-23-20-08:05-1 | 01/23/20 | 250 |
| TW-19-01-03-20-08:52-1 | 01/03/20 | 660 |
| TW-23-01-03-20-08:50-1 | 01/03/20 | 460 |
| PW-1-01-03-20-09:12-1 | 01/03/20 | 700 |
| TW-22-01-15-20-11:50-1 | 01/15/20 | 420 |
| TW-28-01-03-20-09:41-1 | 01/03/20 | 710 |

RED POND DATA

Month of: Jan-20

| | | | Red Pond | | | | |
|---------------|--------------|--------------|-----------------|--------------|-----------------|-----------------|-----------------|
| Date | Time | Notes | Pond | Level | Aeration | Influent | Influent |
| | | | Visual Chk | Feet | Hours | Hours | GPM |
| Wed-1/1/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 459 |
| Thu-1/2/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 491 |
| Fri-1/3/20 | 02:00:00.000 | | Y | 3.8 | - | 24.00 | 476 |
| Sat-1/4/20 | 02:00:00.000 | (1) | | 3.7 | - | 24.00 | 478 |
| Sun-1/5/20 | 02:00:00.000 | (1) | | 3.6 | - | 24.00 | 476 |
| Mon-1/6/20 | 02:00:00.000 | | Y | 3.2 | - | 24.00 | 457 |
| Tue-1/7/20 | 02:00:00.000 | | Y | 4.2 | - | 24.00 | 516 |
| Wed-1/8/20 | 02:00:00.000 | | Y | 4.2 | - | 24.00 | 485 |
| Thu-1/9/20 | 02:00:00.000 | | Y | 4.0 | - | 24.00 | 465 |
| Fri-1/10/20 | 02:00:00.000 | | Y | 3.8 | - | 24.00 | 462 |
| Sat-1/11/20 | 21:00:00.000 | (1) | | 3.6 | - | 24.00 | 461 |
| Sun-1/12/20 | 19:15:00.000 | (1) | | 3.4 | - | 24.00 | 469 |
| Mon-1/13/20 | 17:30:00.000 | | Y | 3.3 | - | 24.00 | 473 |
| Tue-1/14/20 | 15:45:00.000 | | Y | 3.2 | - | 24.00 | 483 |
| Wed-1/15/20 | 14:00:00.000 | | Y | 3.3 | - | 24.00 | 487 |
| Thu-1/16/20 | 12:15:00.000 | | Y | 3.2 | - | 24.00 | 485 |
| Fri-1/17/20 | 10:30:00.000 | | Y | 3.2 | - | 24.00 | 482 |
| Sat-1/18/20 | 08:45:00.000 | (1) | | 3.2 | - | 24.00 | 482 |
| Sun-1/19/20 | 07:00:00.000 | (1) | | 3.1 | - | 24.00 | 482 |
| Mon-1/20/20 | 05:15:00.000 | | Y | 3.1 | - | 24.00 | 484 |
| Tue-1/21/20 | 03:30:00.000 | | Y | 3.6 | - | 24.00 | 514 |
| Wed-1/22/20 | 02:00:00.000 | | Y | 3.8 | - | 24.00 | 502 |
| Thu-1/23/20 | 02:00:00.000 | | Y | 4.0 | - | 24.00 | 485 |
| Fri-1/24/20 | 02:00:00.000 | | Y | 4.1 | - | 24.00 | 461 |
| Sat-1/25/20 | 02:00:00.000 | (1) | | 4.3 | - | 24.00 | 426 |
| Sun-1/26/20 | 02:00:00.000 | (1) | | 4.4 | - | 24.00 | 427 |
| Mon-1/27/20 | 02:00:00.000 | | Y | 4.4 | - | 24.00 | 426 |
| Tue-1/28/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 398 |
| Wed-1/29/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 426 |
| Thu-1/30/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 426 |
| Fri-1/31/20 | 02:00:00.000 | | Y | 3.9 | - | 24.00 | 438 |
| TOTALS | | | - | | - | 744 | |

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

TABLE #10

RED POND CONCENTRATIONS

Concentrations of 1,4-Dioxane found in the Red Pond

| SAMPLE ID | Date Sampled | 1,4-DIOXANE (ppb) |
|---------------------------|---------------------|--------------------------|
| Red Pond-01-06-20-08:17-1 | 1/6/2020 | 370 |
| Red Pond-01-13-20-09:48-1 | 1/13/2020 | 390 |
| Red Pond-01-20-20-08:10-1 | 1/20/2020 | 300 |
| Red Pond-01-27-20-08:15-1 | 1/27/2020 | 400 |

Analyte value quantified from a dilution, reporting limit is raised to reflect dilution

OZONE OPERATION REPORT

Month of: Jan-20

| Date | Time | Notes | SYSTEM-1A | | SYSTEM-1B | | SYSTEM-2A | | SYSTEM-2B | |
|-------------|-------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | Flow GPM | Run Hours | Flow GPM | Run Hours | Flow GPM | Run Hours | Flow GPM | Run Hours |
| Wed-1/1/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Thu-1/2/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Fri-1/3/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Sat-1/4/20 | 12:00:00.00 | (1) | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Sun-1/5/20 | 12:00:00.00 | (1) | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Mon-1/6/20 | 12:00:00.00 | | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Tue-1/7/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Wed-1/8/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Thu-1/9/20 | 12:00:00.00 | | 240 | 23.85 | 0 | 0.00 | 240 | 23.90 | 0 | 0.00 |
| Fri-1/10/20 | 12:00:00.00 | | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Sat-1/11/20 | 11:00:00.00 | (1) | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Sun-1/12/20 | 19:15:00.00 | (1) | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Mon-1/13/20 | 17:30:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Tue-1/14/20 | 15:45:00.00 | | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Wed-1/15/20 | 14:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Thu-1/16/20 | 12:15:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Fri-1/17/20 | 10:30:00.00 | | 240 | 24.00 | 0 | 0.00 | 241 | 24.00 | 0 | 0.00 |
| Sat-1/18/20 | 18:45:00.00 | (1) | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Sun-1/19/20 | 17:00:00.00 | (1) | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Mon-1/20/20 | 15:15:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Tue-1/21/20 | 13:30:00.00 | | 239 | 24.00 | 0 | 0.00 | 239 | 24.00 | 0 | 0.00 |
| Wed-1/22/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Thu-1/23/20 | 12:00:00.00 | | 240 | 23.62 | 0 | 0.00 | 240 | 23.62 | 0 | 0.00 |
| Fri-1/24/20 | 12:00:00.00 | | 239 | 24.00 | 0 | 0.00 | 239 | 24.00 | 0 | 0.00 |
| Sat-1/25/20 | 12:00:00.00 | (1) | 240 | 24.00 | 0 | 0.00 | 241 | 24.00 | 0 | 0.00 |
| Sun-1/26/20 | 12:00:00.00 | (1) | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Mon-1/27/20 | 12:00:00.00 | | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Tue-1/28/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Wed-1/29/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 241 | 24.00 | 0 | 0.00 |
| Thu-1/30/20 | 12:00:00.00 | | 239 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |
| Fri-1/31/20 | 12:00:00.00 | | 240 | 24.00 | 0 | 0.00 | 240 | 24.00 | 0 | 0.00 |

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: **Jan-20**

| Date | Time | Notes | Green Pond | | | | | | | | | | | | | | |
|---------------|--------------|-------|------------|------------|----------------|----------------|--------------|-----|------------------|-------------------|------------|------------------------|-----|---------|-------------------------|-----|---------|
| | | | Pond | | | Pond Discharge | | | Bypass Discharge | | | Recirc Thru UV to Pond | | | Recirc Thru UV to Disch | | |
| | | | Visual Chk | Level Feet | Aeration Hours | Influent Hours | Influent GPM | GPM | Gallons | GPM | Gallons | Hours | GPM | Gallons | Hours | GPM | Gallons |
| Wed-1/1/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 714,990 | 24.00 | - | - | - | - | - | - |
| Thu-1/2/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,173 | 24.00 | - | - | - | - | - | - |
| Fri-1/3/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,362 | 24.00 | - | - | - | - | - | - |
| Sat-1/4/20 | 02:00:00.000 | (1) | | - | - | | | | 497 | 715,272 | 24.00 | - | - | - | - | - | - |
| Sun-1/5/20 | 02:00:00.000 | (1) | | - | - | | | | 497 | 715,134 | 24.00 | - | - | - | - | - | - |
| Mon-1/6/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,125 | 24.00 | - | - | - | - | - | - |
| Tue-1/7/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,297 | 24.00 | - | - | - | - | - | - |
| Wed-1/8/20 | 02:00:00.000 | | Y | - | - | | | | 496 | 714,858 | 24.00 | - | - | - | - | - | - |
| Thu-1/9/20 | 02:00:00.000 | | Y | - | - | | | | 492 | 708,525 | 24.00 | - | - | - | - | - | - |
| Fri-1/10/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,427 | 24.00 | - | - | - | - | - | - |
| Sat-1/11/20 | 02:00:00.000 | (1) | | - | - | | | | 497 | 715,562 | 24.00 | - | - | - | - | - | - |
| Sun-1/12/20 | 21:00:00.000 | (1) | | - | - | | | | 496 | 714,849 | 24.00 | - | - | - | - | - | - |
| Mon-1/13/20 | 19:15:00.000 | | Y | - | - | | | | 497 | 714,973 | 24.00 | - | - | - | - | - | - |
| Tue-1/14/20 | 17:30:00.000 | | Y | - | - | | | | 497 | 715,101 | 24.00 | - | - | - | - | - | - |
| Wed-1/15/20 | 15:45:00.000 | | Y | - | - | | | | 497 | 715,113 | 24.00 | - | - | - | - | - | - |
| Thu-1/16/20 | 14:00:00.000 | | Y | - | - | | | | 496 | 714,889 | 24.00 | - | - | - | - | - | - |
| Fri-1/17/20 | 12:15:00.000 | | Y | - | - | | | | 496 | 714,685 | 24.00 | - | - | - | - | - | - |
| Sat-1/18/20 | 10:30:00.000 | (1) | | - | - | | | | 497 | 714,990 | 24.00 | - | - | - | - | - | - |
| Sun-1/19/20 | 08:45:00.000 | (1) | | - | - | | | | 497 | 714,963 | 24.00 | - | - | - | - | - | - |
| Mon-1/20/20 | 07:00:00.000 | | Y | - | - | | | | 497 | 714,984 | 24.00 | - | - | - | - | - | - |
| Tue-1/21/20 | 05:15:00.000 | | Y | - | - | | | | 497 | 715,162 | 24.00 | - | - | - | - | - | - |
| Wed-1/22/20 | 03:30:00.000 | | Y | - | - | | | | 497 | 715,126 | 24.00 | - | - | - | - | - | - |
| Thu-1/23/20 | 02:00:00.000 | | Y | - | - | | | | 496 | 698,609 | 23.47 | - | - | - | - | - | - |
| Fri-1/24/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,313 | 24.00 | - | - | - | - | - | - |
| Sat-1/25/20 | 02:00:00.000 | (1) | | - | - | | | | 497 | 715,346 | 24.00 | - | - | - | - | - | - |
| Sun-1/26/20 | 02:00:00.000 | (1) | | - | - | | | | 497 | 715,323 | 24.00 | - | - | - | - | - | - |
| Mon-1/27/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,414 | 24.00 | - | - | - | - | - | - |
| Tue-1/28/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,385 | 24.00 | - | - | - | - | - | - |
| Wed-1/29/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,168 | 24.00 | - | - | - | - | - | - |
| Thu-1/30/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,237 | 24.00 | - | - | - | - | - | - |
| Fri-1/31/20 | 02:00:00.000 | | Y | - | - | | | | 497 | 715,263 | 24.00 | - | - | - | - | - | - |
| TOTALS | | | | | | | | | | 22,146,618 | 743 | | | | | | |

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

TABLE #13
Daily Discharge Monitoring Report

| | (Daily) | Quarterly | | (Effluent - Outfall) | (Influent - Red Pond) | (Effluent - Outfall) | (Effluent - Outfall) | (Weekly) | (2 x Week) | (4 x Week) | (4 x Week) | (5 X Week) | (2 X Week) |
|------------------------|---------------|--------------|--------------|----------------------|-----------------------|----------------------|----------------------|---------------------|----------------------|-----------------|-----------------|------------|----------------------------|
| PARAMETER NAME | Flow | Total Barium | Total Barium | 1,4-Dioxane | 1,4-Dioxane | Hydrogen Peroxide | Hydrogen Peroxide | Outfall Observation | Equipment Inspection | pH (Min. Daily) | pH (Max. Daily) | Bromate | Sodium Bisulfite Dose Rate |
| PARAMETER CODE | 50050 | 1007 | 1007 | 82388 | 82388 | 00139 | 00139 | 84130 | 46478 | 00400 | 00400 | 99814 | 99798 |
| MONITORING PT. | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A | 001A |
| STAGE CODE | 1 | 1 | 1 | 1 | G | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| UNIT | MGD | ug/l | lbs/day | ug/l | mg/l | ug/l | lbs/day | yes/no | yes/no | S.U. | S.U. | ug/l | mg/l |
| 1/1/2020 | 0.715 | *G | *G | 5 | | | | | | | | 7.4 | |
| 1/2/2020 | 0.715 | | | 7 | | <50 | <0.16 | yes | yes | 6.9 | 6.9 | 6.4 | 55 |
| 1/3/2020 | 0.715 | | | | | <50 | <0.16 | no | no | 6.7 | 6.7 | | 37 |
| 1/4/2020 | 0.715 | | | | | | | | | | | | |
| 1/5/2020 | 0.715 | | | 7 | | | | | | | | 5.7 | |
| 1/6/2020 | 0.715 | | | 6 | 0.370 | <50 | <0.16 | yes | yes | 6.6 | 6.6 | 6.7 | 35 |
| 1/7/2020 | 0.715 | | | 6 | | <50 | <0.16 | no | no | 6.5 | 6.5 | 5.6 | |
| 1/8/2020 | 0.715 | | | 5 | | <50 | <0.16 | no | yes | 6.8 | 6.8 | 6.7 | 25 |
| 1/9/2020 | 0.709 | | | 6 | | <50 | <0.16 | no | no | 6.7 | 6.7 | 6 | |
| 1/10/2020 | 0.715 | | | | | <50 | <0.16 | no | no | 6.9 | 6.9 | | |
| 1/11/2020 | 0.716 | | | | | | | | | | | | |
| 1/12/2020 | 0.715 | | | 5 | | | | | | | | 5.8 | |
| 1/13/2020 | 0.715 | | | 8.0 | 0.390 | <50 | <0.16 | yes | yes | 6.7 | 6.7 | 5.4 | 36 |
| 1/14/2020 | 0.715 | | | 7 | | <50 | <0.16 | no | no | 6.8 | 6.8 | 6.8 | |
| 1/15/2020 | 0.715 | | | 6.8 | | <50 | <0.16 | no | yes | 6.8 | 6.8 | 9.2 | 24 |
| 1/16/2020 | 0.715 | | | 6.7 | | <50 | <0.16 | no | no | 7.0 | 7.0 | 7.4 | |
| 1/17/2020 | 0.715 | | | | | <50 | <0.16 | no | no | 6.9 | 6.9 | | |
| 1/18/2020 | 0.715 | | | | | | | | | | | | |
| 1/19/2020 | 0.715 | | | 6.7 | | | | | | | | 8.7 | |
| 1/20/2020 | 0.715 | | | 7.0 | 0.300 | <50 | <0.16 | yes | yes | 6.7 | 6.7 | 7.7 | 20 |
| 1/21/2020 | 0.715 | | | 6.9 | | <50 | <0.16 | no | no | 6.8 | 6.8 | 7.4 | |
| 1/22/2020 | 0.715 | | | 6.2 | | <50 | <0.16 | no | yes | 6.7 | 6.7 | 7.4 | 25 |
| 1/23/2020 | 0.699 | | | 5.1 | | <50 | <0.16 | no | no | 6.6 | 6.6 | 8.8 | |
| 1/24/2020 | 0.715 | | | | | <50 | <0.16 | no | no | 6.7 | 6.7 | | |
| 1/25/2020 | 0.715 | | | | | | | | | | | | |
| 1/26/2020 | 0.715 | | | 3.9 | | | | | | | | 7.5 | |
| 1/27/2020 | 0.715 | | | 4.0 | 0.400 | <50 | <0.16 | yes | yes | 6.8 | 6.8 | 8.7 | 44 |
| 1/28/2020 | 0.715 | | | 4.0 | | <50 | <0.16 | no | no | 6.9 | 6.9 | 7.2 | |
| 1/29/2020 | 0.715 | | | 4.0 | | <50 | <0.16 | no | yes | 6.8 | 6.8 | 8.9 | 20 |
| 1/30/2020 | 0.715 | | | 3.9 | | <50 | <0.16 | no | no | 6.6 | 6.6 | 7.6 | |
| 1/31/2020 | 0.715 | | | | | <50 | <0.16 | no | no | 6.6 | 6.6 | | |
| Discharged (mg) | 22.147 | | | | | | | | | | | | |
| Monthly Avg | | | | 5.8 | | | | | | | | 7.2 | |