

HAWTHORNE CSO

| Parameter | Unit | Event 1 Sample No. | | | | | |
|--------------------------------------|------------|--------------------|---------|---------|---------|---------|---------|
| | | 1* | 2* | 3* | 4* | 5* | 6 |
| pH | units | 7.43 | 7.48 | 7.67 | 7.72 | 7.57 | 7.55 |
| Ammonia | mg/L N | 4.1 | 1.9 | 10.5 | 3.6 | 5.9 | 7.5 |
| Biochemical Oxygen Demand | mg/L | >35 | 23 | 31 | 49 | >38 | >38 |
| Total Suspended Solids | mg/L | 1,408 | 254 | 108 | 190 | 130 | 81 |
| Total Kjeldahl Nitrogen ² | mg/L | N/A | N/A | N/A | N/A | N/A | N/A |
| Total Nitrogen | mg/L N | 4.6 | 5.0 | 19.5 | 7.3 | 10.7 | 14.7 |
| Total Phosphorus | mg/L P | 2.42 | 0.98 | 2.15 | 0.98 | 1.34 | 1.63 |
| Escherichia Coliform ¹ | MPN/100 mL | >24,200 | >24,200 | >24,200 | >24,200 | >24,200 | >24,200 |

Survey Date: August 1, 2023 **Time:** 7:52 AM 9:07 AM 9:52 AM 10:37 AM 11:22 AM 12:07 PM

| Parameter | Unit | Event 2 Sample No. | | | | | | |
|--------------------------------------|------------|--------------------|---------|---------|---------|---------|---------|------|
| | | 1 | 2 | 3 | 4 | 5* | 6 | 7 |
| pH | units | 7.10 | 7.38 | 7.32 | 7.26 | 7.21 | 7.25 | NAIA |
| Ammonia | mg/L N | 8.0 | 8.0 | 5.1 | 4.7 | 4.2 | 5.3 | NAIA |
| Biochemical Oxygen Demand | mg/L | >93 | >95 | >96 | >95 | >95 | >96 | NAIA |
| Total Suspended Solids | mg/L | 1,320 | 1,080 | 720 | 480 | 630 | 380 | NAIA |
| Total Kjeldahl Nitrogen ² | mg/L | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total Nitrogen | mg/L N | 18.6 | 10.9 | 10.3 | 11.0 | 11.9 | 13.3 | NAIA |
| Total Phosphorus | mg/L P | 5.72 | 3.42 | 3.01 | 2.59 | 2.88 | 2.35 | NAIA |
| Escherichia Coliform ¹ | MPN/100 mL | >24,200 | >24,200 | >24,200 | >24,200 | >24,200 | >24,200 | NAIA |

Survey Date: August 10, 2023 **Time:** 7:17 PM 7:32 PM 7:47 PM 8:02 PM 8:17 PM 8:47 PM 9:02 PM

| Parameter | Unit | Event 3 Sample No. | | | | | | | | | | | | |
|--------------------------------------|------------|--------------------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| | | 1* | 2* | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10* | 11 | 12* | 13 |
| pH | units | 7.43 | 7.52 | 7.49 | 7.34 | 7.26 | 7.33 | 7.32 | 7.39 | 7.38 | 7.32 | 7.41 | 7.26 | NAIA |
| Ammonia | mg/L N | 1.0 | 1.1 | 1.9 | 2.5 | 2.4 | 2.6 | 4.9 | 6.2 | 5.9 | 4.9 | 6.7 | 8.2 | NAIA |
| Biochemical Oxygen Demand | mg/L | 172 | 64 | 55 | 72 | 58 | 47 | 52 | 72 | 64 | 70 | 72 | 74 | NAIA |
| Total Suspended Solids | mg/L | 790 | 365 | 300 | 210 | 197 | 170 | 127 | 110 | 110 | 143 | 130 | 105 | NAIA |
| Total Kjeldahl Nitrogen ² | mg/L | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Total Nitrogen | mg/L N | 10.0 | 6.4 | 6.6 | 7.5 | 8.6 | 7.0 | 10.7 | 13.2 | 11.4 | 11.5 | 14.1 | 14.2 | NAIA |
| Total Phosphorus | mg/L P | 2.53 | 1.14 | 1.18 | 1.27 | 1.12 | 1.00 | 1.32 | 1.56 | 1.52 | 1.53 | 1.83 | 1.91 | NAIA |
| Escherichia Coliform ¹ | MPN/100 mL | 1,380,000 | 1,140,000 | 857,000 | 1,560,000 | 2,380,000 | 2,190,000 | 1,380,000 | 2,250,000 | 2,910,000 | 2,250,000 | 2,850,000 | 3,610,000 | NAIA |

Survey Date: August 24, 2023 **Time:** 7:24 PM 8:54 PM 9:24 PM 9:39 PM 9:54 PM 10:09 PM 10:24 PM 10:39 PM 10:54 PM 11:09 PM 11:39 PM 11:54 PM 12:24 AM

Notes:

- N/A = Not Available
- NA = Not Analysed for this test
- NAIA = Not Analysed Insufficient Aliquot

- 1) Analysed by contract laboratory
- 2) Calculated by laboratory
- * Average value of composited samples reported

< VALUE Less than minimum detection
 > VALUE Greater than maximum detection