

|                |         |            |       |            |          | Baseline Levels |                                 |           |                 |                         |          |                  |                                |              |              |  |
|----------------|---------|------------|-------|------------|----------|-----------------|---------------------------------|-----------|-----------------|-------------------------|----------|------------------|--------------------------------|--------------|--------------|--|
|                |         |            |       |            |          | 8               | 487                             | 4.4       | 28.1            | Trigger Levels          |          |                  |                                |              |              |  |
|                |         |            |       |            |          | <6              | 140                             |           |                 |                         |          |                  |                                |              |              |  |
| Location       | Site No | Date       | Time  | Sampled by | Meter ID | pH              | Electrical Conductivity (ms/cm) | TDS (g/L) | Turbidity (NTU) | Dissolved Oxygen (mg/L) | Temp (C) | Oil/Grease (Y/N) | Rainfall in last 24 hours (mm) | Weather      | Debris (Y/N) | Comments (weather, turbidity plume, activities)  |
| Pond E (North) | 2       | 23-Aug-24  | 8:30  | CF, JM     | VPELKND4 | 8.23            | 54.6                            | 32.8      | 64              | 4.24                    | 27.27    | N                | 0                              |              | N            | Sampled at safe access point, high outgoing tide   |
| Pond E (South) | 1       | 23-Aug-24  | 9:50  | CF, JM     | VPELKND4 | 8.19            | 52.8                            | 31.7      | 5.7             | 2.78                    | 28.05    | N                | 0                              |              | N            | Sampled at safe access point, high outgoing tide   |
| Pond E (North) | 2       | 29-Aug-24  | 14:45 | CF, JM     | VPELKND4 | 8.34            | 53                              | 32.7      | 14.3            | 4.43                    | 30.76    | N                | 0                              |              | N            | Sampled at safe access point   |
| Pond E (South) | 1       | 29-Aug-24  | 14:55 | CF, JM     | VPELKND4 | 8.28            | 53                              | 31.8      | 9.1             | 5.28                    | 30.06    | N                | 0                              |              | N            | Sampled at safe access point   |
| Pond K         | 3       | 30/08/2024 | 15:15 | CF, JM     | VPELKND4 | 7.27            | 54                              | 32.4      | 204             | 5.21                    | 33.3     | N                | 0                              |              | N            | Water flowing through weir at pond K for the first time, sunny   |
| Pond E (North) | 2       | 30-Aug-24  | 9:20  | CF, JM     | VPELKND4 | 8.28            | 55.5                            | 33.3      | 10.9            | 4.26                    | 27.89    | N                | 0                              |              | N            | Sampled at safe access point, low outgoing tide  |
| Pond E (South) | 1       | 30-Aug-24  | 9:10  | CF, JM     | VPELKND4 | 8.09            | 54                              | 32.4      | 51.1            | 6.63                    | 27.02    | N                | 0                              |              | N            | Sampled at safe access point, low outgoing tide  |
| Pond K         | 3       | 31/08/2024 | 11:10 | CF, JM     | VPELKND4 | 7.54            | 54.6                            | 32.8      | 66.2            | 5.31                    | 28.11    | N                | 0                              |              | N            | Water sample taken from the other side of the weir, on the side of pond E north  |
| Pond E (North) | 2       | 31-Aug-24  | 11:15 | CF, JM     | VPELKND4 | 8.29            | 54.5                            | 32.7      | 59.2            | 4.31                    | 30.39    | N                | 0                              |              | N            | Sampled at safe access point, low tide   |
| Pond E (South) | 1       | 31-Aug-24  | 11:20 | CF, JM     | VPELKND4 | 8.22            | 53.4                            | 32        | 11.3            | 5.32                    | 28.99    | N                | 0                              |              | N            | Sampled at safe access point, low tide   |
| Pond K         | 3       | 01-Sep-24  | 8:10  | CF         | VPELKND4 | 7.49            | 55.6                            | 33.3      | 89.8            | 2.51                    | 27.2     | N                | 0                              | Sunny, clear | N            | Water sample taken from the other side of the weir, on the side of pond E north  |
| Pond E (North) | 2       | 01-Sep-24  | 8:20  | CF         | VPELKND4 | 8.21            | 54.6                            | 32.8      | 29              | 4.27                    | 28.15    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, outgoing tide.   |
| Pond E (South) | 1       | 01-Sep-24  | 8:25  | CF         | VPELKND4 | 8.13            | 53.8                            | 32.3      | 5.8             | 6.05                    | 27.91    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, outgoing tide, no water flow from north to south   |
| Pond K         | 3       | 02-Sep-24  | 12:45 | CF, JM     | VPELKND4 | 7.35            | 51.2                            | 31.8      | 131             | 5.2                     | 29.85    | N                | 0                              | Sunny, clear | N            | Lab sampling done on this day, sulphuric odour   |
| Pond E (North) | 2       | 02-Sep-24  | 12:55 | CF, JM     | VPELKND4 | 8.22            | 55.3                            | 33.2      | 19.7            | 5.52                    | 30.46    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point   |
| Pond E (South) | 1       | 02-Sep-24  | 1:10  | CF, JM     | VPELKND4 | 8.17            | 52.7                            | 31.6      | 7.4             | 4                       | 30.93    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point. No water flow from north to south.   |
| Pond K         | 3       | 03-Sep-24  | 7:45  | CF, JM     | VPELKND4 | 7.45            | 55.1                            | 33.1      | 9.1             | 2.65                    | 28.93    | N                | 0                              | Sunny, clear | N            | White algal seen growing at base of weir, foam buildup on the pond E north side of Pond K weir. Sulphuric odour          |
| Pond E (North) | 2       | 03-Sep-24  | 7:38  | CF, JM     | VPELKND4 | 8.2             | 55                              | 33        | 10.4            | 4.15                    | 28.58    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, High outgoing tide.  |
| Pond E (South) | 1       | 03-Sep-24  | 7:30  | CF, JM     | VPELKND4 | 8.11            | 59.8                            | 33.9      | 6.1             | 3.84                    | 6.1      | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, no turbid plumes   |
| Pond K         | 3       | 04-Sep-24  | 1:45  | CF         | VPELKND4 | 8.12            | 55.1                            | 33.1      | 99.6            | 5.59                    | 30.53    | N                | 0                              | Sunny, clear | N            | No new foam buildup, High dredge rate for the day  |
| Pond E (North) | 2       | 04-Sep-24  | 1:55  | CF         | VPELKND4 | 8.19            | 54.2                            | 32.5      | 25.6            | 5.59                    | 31.19    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 04-Sep-24  | 2:05  | CF         | VPELKND4 | 8.18            | 52.5                            | 31.5      | 5.8             | 5.78                    | 31.37    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, No water flow from north to south  |
| Pond K         | 3       | 05-Sep-24  | 9:15  | CF, CH     | VPELKND4 | 8.09            | 55.1                            | 33        | 17              | 4.18                    | 28.45    | N                | 0                              | Cloudy       | N            | Some foam buildup, High flow rate  |
| Pond E (North) | 2       | 05-Sep-24  | 9:20  | CF, CH     | VPELKND4 | 8.13            | 55.3                            | 33.2      | 9.1             | 6.25                    | 29.05    | N                | 0                              | Cloudy       | N            | no observations of note  |
| Pond E (South) | 1       | 05-Sep-24  | 9:30  | CF, CH     | VPELKND4 | 8.14            | 53.1                            | 31.9      | 5.2             | 3.68                    | 28.78    | N                | 0                              | Cloudy       | N            | Sampled at safe access point, No water flow from north to south  |
| Pond K         | 3       | 06-Sep-24  | 10:16 | CH         | VPELKND4 | 7.95            | 54.7                            | 32.8      | 8.6             | 4.23                    | 27.04    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 06-Sep-24  | 10:20 | CH         | VPELKND4 | 8.11            | 55                              | 33        | 20.9            | 3.36                    | 29.37    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 06-Sep-24  | 10:40 | CH         | VPELKND4 | 8.16            | 53.2                            | 31.9      | 5.7             | 4.42                    | 28.87    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point   |
| Pond K         | 3       | 07-Sep-24  | 10:25 | CH         | VPELKND4 | 7.96            | 54.5                            | 32.7      | 36.5            | 4.06                    | 29.11    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 07-Sep-24  | 10:35 | CH         | VPELKND4 | 8.08            | 54.9                            | 33        | 9.7             | 5.56                    | 29.36    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 07-Sep-24  | 10:45 | CH         | VPELKND4 | 8.22            | 53.5                            | 32.1      | 5.7             | 4.16                    | 29.52    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, outgoing tide, no water flow from north to south   |
| Pond K         | 3       | 08-Sep-24  | 9:56  | CH         | VPELKND4 | 7.88            | 55                              | 33        | 7               | 1.85                    | 30.5     | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 08-Sep-24  | 10:04 | CH         | VPELKND4 | 8.01            | 55.3                            | 33.2      | 7.5             | 5.57                    | 28.79    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, High outgoing tide. No water flow from north to south.                                     |
| Pond E (South) | 1       | 08-Sep-24  | 10:09 | CH         | VPELKND4 | 8.14            | 53.5                            | 32.1      | 6               | 39.82                   | 28.69    | N                | 0                              | Sunny, clear | N            | Sampled at safe access point, No water flow from north to south  |
| Pond K         | 3       | 09-Sep-24  | 11:19 | CH         | VPELKND4 | 7.73            | 56.1                            | 33.7      | 51.6            | 1.24                    | 27.81    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 09-Sep-24  | 11:46 | CH         | VPELKND4 | 8.1             | 54.7                            | 32.8      | 6.1             | 2.93                    | 30.63    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 09-Sep-24  | 14:04 | CH         | VPELKND4 | 8.21            | 53.1                            | 31.9      | 4.8             | 2.71                    | 30.71    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond K         | 3       | 10-Sep-24  | 9:52  | CH         | VPELKND4 | 7.85            | 54                              | 32.4      | 5.4             | 0.73                    | 27.91    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 10-Sep-24  | 10:01 | CH         | VPELKND4 | 8.05            | 55.1                            | 33        | 7.1             | 1.64                    | 28.9     | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 10-Sep-24  | 10:09 | CH         | VPELKND4 | 8.14            | 53.5                            | 32.1      | 5               | 1.23                    | 28.83    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond K         | 3       | 11-Sep-24  | 10:52 | CH         | VPELKND4 | 7.9             | 54.4                            | 32.7      | 4.9             | 0.3                     | 28.82    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 11-Sep-24  | 10:58 | CH         | VPELKND4 | 8.06            | 55.5                            | 33.3      | 7.4             | 0.14                    | 29.65    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 11-Sep-24  | 11:04 | CH         | VPELKND4 | 8.14            | 53.5                            | 32.1      | 7.3             | -                       | 29.42    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond K         | 3       | 12-Sep-24  | 11:25 | MP         | VPELKND4 | 7.99            | 54.7                            | 32.8      | 9.5             | 10.08                   | 28       | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (North) | 2       | 12-Sep-24  | 11:35 | MP         | VPELKND4 | 8.09            | 55.3                            | 33.2      | 11              | 11.62                   | 29.47    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 12-Sep-24  | 11:42 | MP         | VPELKND4 | 8.15            | 53.8                            | 32.3      | 4.6             | 3.18                    | 29.32    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond K         | 3       | 13-Sep-24  | 13:42 | CF, MP     | VPELKND4 | 8.31            | 54.8                            | 32.9      | 62.9            | 4.37                    | 30.77    | N                | 0                              | Sunny, clear | N            | Flow was stronger than previous days due to the removal of some boards   |
| Pond E (North) | 2       | 13-Sep-24  | 13:51 | CF, MP     | VPELKND4 | 8.12            | 55.1                            | 33.1      | 7.7             | 3.78                    | 30.85    | N                | 0                              | Sunny, clear | N            | Water level was higher than previous days  |
| Pond E (South) | 1       | 13-Sep-24  | 14:10 | CF, MP     | VPELKND4 | 8.21            | 53.4                            | 32.1      | 5               | 4.6                     | 31.53    | N                | 0                              | Sunny, clear | N            | No flow from pond E north to south   |
| Pond K         | 3       | 14-Sep-24  | 10:43 | CF, MP     | VPELKND4 | 8.06            | 54.7                            | 32.8      | 1000            | -                       | 28.03    | N                | 0                              | Sunny, clear | N            | Very turbid due to change in geomorphology of Pond K   |
| Pond E (North) | 2       | 14-Sep-24  | 10:56 | CF, MP     | VPELKND4 | 8.12            | 55.6                            | 33.4      | 45.8            | -                       | 29.1     | N                | 0                              | Sunny, clear | N            | No odour, Sampled at low tide  |
| Pond E (South) | 1       | 14-Sep-24  | 11:03 | CF, MP     | VPELKND4 | 8.19            | 54.2                            | 32.5      | 8.2             | -                       | 29.17    | N                | 0                              | Sunny, clear | N            | No flow from pond E north to south   |
| Pond E (South) | 1       | 15-Sep-24  | 9:16  | CH         | VPELKND4 | 8.11            | 54.2                            | 32.5      | 5.7             | 4.07                    | 29.03    | N                | 0                              | Sunny, clear | N            | No flow from pond E north to south   |
| Pond E (North) | 2       | 15-Sep-24  | 9:23  | CH         | VPELKND4 | 8.08            | 54.9                            | 33        | 8.4             | 2.03                    | 29.61    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond K         | 3       | 15-Sep-24  | 9:28  | CH         | VPELKND4 | 7.94            | 53.4                            | 32        | 40.5            | 0.01                    | 27.19    | N                | 0                              | Sunny, clear | N            | no observations of note  |
| Pond E (South) | 1       | 16-Sep-24  | 8:59  | CF, MP     | VPELKND4 | 8.14            | 53.5                            | 32.1      | 4.2             | 3.74                    | 29.8     | N                | 1.8                            | Sunny, clear | N            | No flow from pond E north to south   |
| Pond E (North) | 2       | 16-Sep-24  | 8:38  | CF, MP     | VPELKND4 | 8.07            | 55.5                            | 33.3      | 7.9             | 2.52                    | 28.82    | N                | 1.8                            | Sunny, clear | N            | High water level, sampled at incoming tide   |
| Pond K         | 3       | 16-Sep-24  | 8:20  | CF, MP     | VPELKND4 | 8.13            | 22.6                            | 14        | 9.1             | 2.91                    | 26.12    | N                | 1.8                            | Sunny, clear | N            | No odour. Light winds  |
| Pond E (South) | 1       | 17-Sep-24  | 9:50  | CF, CH     | VPELKND4 | 8.12            | 54.1                            | 32.4      | 44.4            | 1.03                    | 27.13    | N                | 50                             | Light rains  | N            | Rain, cloudy. Dredge not operational today   |
| Pond E (North) | 2       | 17-Sep-24  | 9:57  | CF, CH     | VPELKND4 | 8.05            | 55.7                            | 33.4      | 28.5            | 0.72                    | 28.14    | N                | 50                             | Light rains  | N            | Rain, cloudy. Dredge not operational today   |
| Pond K         | 3       | 17-Sep-24  | 10:04 | CF, CH     | VPELKND4 | 8.1             | 28.6                            | 17.7      | 52.7            | 1.01                    | 24.49    | N                | 50                             | Light rains  | N            | Rain, cloudy. Dredge not operational today   |
| Pond E (South) | 1       | 18-Sep-24  | 11:18 | CF, CH     | VPELKND4 | 8.04            | 53.2                            | 31.9      | 6.9             | 5.92                    | 28.01    | N                | 0.2                            | Sunny, clear | N            | DO calibrated, clear, high winds   |
| Pond E (North) | 2       | 18-Sep-24  | 11:12 | CF, CH     | VPELKND4 | 7.95            | 55.1                            | 33        | 53.7            | 4.56                    | 27.69    | N                | 0.2                            | Sunny, clear | N            | DO calibrated, clear, high winds   |
| Pond K         | 3       | 18-Sep-24  | 11:05 | CF, CH     | VPELKND4 | 7.88            | 55.3                            | 33.2      | 1000            | 4.26                    | 27.2     | N                | 0.2                            | Sunny, clear | N            | DO calibrated, High winds. High amounts of gravel being dredged on this day. Reason for turbidity exceedance             |
| Pond E (South) | 1       | 19-Sep-24  | 11:30 | CF, MP     | VPELKND4 | 8.1             | 53.2                            | 31.9      | 8.2             | 1.64                    | 28.64    | N                | 0                              | Overcast     | N            | No water flow from pond e north to south.  |
| Pond E (North) | 2       | 19-Sep-24  | 11:20 | CF, MP     | VPELKND4 | 8.02            | 55.1                            | 33.1      | 37.9            | 3.55                    | 28.51    | N                | 0                              | Overcast     | N            | High water level, sampled at outgoing tide   |
| Pond K         | 3       | 19-Sep-24  | 11:15 | CF, MP     | VPELKND4 | 7.97            | 54.3                            | 32.6      | 1000            | 3.04                    | 29.84    | N                | 0                              | Overcast     | N            | Visually very turbid, No odour, no film. Overcast with high winds  |
| Pond E (South) | 1       | 20-Sep-24  | 1:09  | CF, MP     | VPELKND4 | 8.13            | 53.3                            | 32        | 9.1             | 4.81                    | 26.12    | N                | 0                              | Sunny, clear | N            | No water flow from pond e north to south. Overcast   |
| Pond E (North) | 2       | 20-Sep-24  | 1:02  | CF, MP     | VPELKND4 | 8.07            | 55                              | 33        | 52.7            | 2.89                    | 29.84    | N                | 0                              | Sunny, clear | N            | Sediment curtain showed its effectiveness as plume was seen halted by first sediment curtain. Overcast                   |
| Pond K         | 3       | 20-Sep-24  | 12:48 | CF, MP     | VPELKND4 | 7.95            | 54.4                            | 32.6      | 1000            | 3.58                    | 31.49    | N                | 0                              | Sunny, clear | N            | Turbidity recorded above exceedance. Large plume at weirbox flowing out to pond e north. Large volumes of water exiting. |
| Pond E (South) | 1       | 21-Sep-24  | 10:00 | CF, MP     | VPELKND4 | 8.08            | 53.4                            | 32        | 9.5             | 2.27                    | 28.65    | N                | 1.2                            | Sunny, clear | N            | Clear skies, High tide. Could not access usual sampling location. Sediment film on surface                               |
| Pond E (North) | 2       | 21-Sep-24  | 9:52  | CF, MP     | VPELKND4 | 8.02            | 54.3                            | 32.4      | 44              | 3.13                    | 28.37    | N                | 1.2                            | Sunny, clear | N            | Clear skies, little wind. No turbidity plume   |
| Pond K         | 3       | 21-Sep-24  | 9:45  | CF, MP     | VPELKND4 | 7.88            | 55.2                            | 33.1      | 114             | 4.26                    | 26.77    | N                | 1.2                            | Sunny, clear | N            | No dredging during time of sampling. Little water flow, no odour. Clear skies, little wind.                              |
| Pond E (South) | 1       | 22-Sep-24  | 7:45  | CF, MP     | VPELKND4 | 8.03            | 8.03                            | 32.5      | 9.1             | 4.21                    | 27.9     | N                | 0                              | Sunny, clear | N            | Overcast, No flow from pond e north to south.  |
| Pond E (North) | 2       | 22-Sep-24  | 7:37  | CF, MP     | VPELKND4 | 8               | 55.4                            | 33.2      | 81.6            | 4.86                    | 27.36    | N                | 0                              | Sunny, clear | N            | Overcast, little wind. No turbidity plume  |
| Pond K         | 3       | 22-Sep-24  | 7:30  | CF, MP     | VPELKND4 | 7.88            | 59.4                            | 35.6      | 97.5            | 3.48                    | 24.91    | N                | 0                              | Sunny, clear | N            | No dredging during time of sampling. Little water flow, no odour. Clear skies, little wind.                              |
| Pond E (South) | 1       | 23-Sep-24  | 7:48  | CF, MP     | VPELKND4 | 8.05            | 54                              | 32.4      | 4.2             | 4.55                    | 28.12    | N                | 0                              | Sunny, clear | N            | Clear skies, little wind. No turbidity plume   |
| Pond E (North) | 2       | 23-Sep-24  | 7:29  | CF, MP     | VPELKND4 | 8.06            | 55.2                            | 33.1      | 28.8            | 3.56                    | 28.2     | N                | 0                              | Sunny, clear | N            | Clear skies, little wind. No turbidity plume   |
| Pond K         | 3       | 23-Sep-24  | 7:06  | CF, MP     | VPELKND4 | 7.92            | 57.4                            | 34.4      | 94.4            | 3.38                    | 25.28    | N                | 0                              | Sunny, clear | N            | No dredging during time of sampling. Little water flow, no odour. Clear skies, little wind.                              |
| Pond E (South) | 1       | 24-Sep-24  | 8:28  | CF         | VPELKND4 | 8.01            | 52                              | 31.2      | 6.1             | 6.7                     | 28.4     | N                | 0                              | Sunny, clear | N            | Clear skies, no plume, no water flow from pond E north   |
| Pond E (North) | 2       | 24-Sep-24  | 8:22  | CF         | VPELKND4 | 8.04            | 55.5                            | 33.3      | 28.9            | 4.6                     | 28.54    | N                | 0                              | Sunny, clear | N            | Clear skies, no plume, water level low   |
| Pond K         | 3       | 24-Sep-24  | 8:12  |            |          |                 |                                 |           |                 |                         |          |                  |                                |              |              |  |