

Sample Analysis Report

April, 2008

Analyst Initials DD
Date 05/07/08

| Sample Name - Date Sampled - Time Sampled | 1,4-Dioxane Results (ppb) | R.L. (ppb) | Bromate Results (ppb) | R.L. (ppb) | Bromide Results (ppb) | R.L. (ppb) | Comments |
|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|---|
| Extraction Wells | | | | | | | |
| AE-3-04-08-08-08:04 | 95 | 1.0 | | 5.0 | | 10.0 | |
| HZ-S-04-08-08-08:32 | 880 | 1.0 | | 5.0 | | 10.0 | |
| LB-1-04-08-08-08:00 | 474 | 1.0 | | 5.0 | | 10.0 | |
| LB-3-04-08-08-08:02 | 535 | 1.0 | | 5.0 | | 10.0 | |
| PW-1-04-08-08-07:55 | 1123 | 1.0 | | 5.0 | | 10.0 | |
| SW-COMB-04-08-08-07:47 | 530 | 1.0 | | 5.0 | | 10.0 | |
| TW-1-04-23-08-14:35 | 198 | 1.0 | | 5.0 | | 10.0 | |
| DOLPH-04-08-08-07:49 | 86 | 1.0 | | 5.0 | | 10.0 | |
| TW-3-04-23-08-14:15 | 72 | 1.0 | | 5.0 | | 10.0 | |
| TW-4-04-23-08- | See Comments | 1.0 | | 5.0 | | 10.0 | Unable to sample. No water in the line and pump is in well. |
| TW-5-04-08-08-08:10 | 1021 | 1.0 | | 5.0 | | 10.0 | |
| TW-6-04-08-08-07:51 | 138 | 1.0 | | 5.0 | | 10.0 | |
| TW-8-04-08-08-13:10 | 504 | 1.0 | | 5.0 | | 10.0 | |
| TW-9-04-08-08-08:24 | 1391 | 1.0 | | 5.0 | | 10.0 | |
| TW-10-04-08-08-08:20 | 1161 | 1.0 | | 5.0 | | 10.0 | |
| TW-11-04-08-08-08:12 | 259 | 1.0 | | 5.0 | | 10.0 | |
| TW-12-04-23-08-14:00 | 16 | 1.0 | | 5.0 | | 10.0 | |
| TW-13-04-08-08-08:52 | 488 | 1.0 | | 5.0 | | 10.0 | |
| TW-14-04-08-08-08:40 | 137 | 1.0 | | 5.0 | | 10.0 | |
| TW-17-04-08-08-08:45 | 123 | 1.0 | | 5.0 | | 10.0 | |
| TW-18-04-08-08-07:53 | 508 | 1.0 | | 5.0 | | 10.0 | |
| TW-19-04-07-08-07:45 | 842 | 1.0 | | 5.0 | | 10.0 | |
| TW-19-04-14-08-11:10 | 856 | 1.0 | nd | 5.0 | | 10.0 | |

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|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| Extraction Wells | | | | | | | |
| TW-19-04-28-08-08:30 | 897 | 1.0 | | 5.0 | | 10.0 | |
| TW-20-04-08-08-13:30 | 2808 | 1.0 | | 5.0 | | 10.0 | |
| TEMPORARY EXTRACTION WELLS | | | | | | | |
| MW-11d-04-24-08-11:30 | 274 | 1.0 | | 5.0 | | 10.0 | |
| MW-50-04-08-08-13:12 | 627 | 1.0 | | 5.0 | | 10.0 | |
| MW-64-04-16-08-11:10 | 67 | 1.0 | | 5.0 | | 10.0 | |
| RED POND | | | | | | | |
| Red Pond-04-07-08-08:21 | 619 | 1.0 | | 5.0 | | 10.0 | |
| Red Pond-04-14-08-08:15 | 635 | 1.0 | | 5.0 | | 10.0 | |
| Red Pond-04-21-08-08:40 | 619 | 1.0 | | 5.0 | | 10.0 | |
| Red Pond-04-28-08-07:50 | 664 | 1.0 | | 5.0 | | 10.0 | |
| OUTFALL001 | | | | | | | |
| OUTFALL-04-01-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-02-08- | 4 | 1.0 | 7 | 5.0 | | 10.0 | |
| OUTFALL-04-03-08- | 4 | 1.0 | 8 | 5.0 | | 10.0 | |
| OUTFALL-04-06-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-07-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-08-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-09-08- | 4 | 1.0 | 5 | 5.0 | | 10.0 | |
| OUTFALL-04-10-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-13-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-14-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-15-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-16-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-17-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-20-08- | 4 | 1.0 | 7 | 5.0 | | 10.0 | |
| OUTFALL-04-21-08- | 4 | 1.0 | 7 | 5.0 | | 10.0 | |
| OUTFALL-04-22-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |

| Sample Name - Date Sampled - Time Sampled | 1,4-Dioxane Results (ppb) | R.L. (ppb) | Bromate Results (ppb) | R.L. (ppb) | Bromide Results (ppb) | R.L. (ppb) | Comments |
|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| OUTFALL001 | | | | | | | |
| OUTFALL-04-23-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-24-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-27-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| OUTFALL-04-28-08- | 4 | 1.0 | 7 | 5.0 | | 10.0 | |
| OUTFALL-04-29-08- | 4 | 1.0 | 7 | 5.0 | | 10.0 | |
| OUTFALL-04-30-08- | 4 | 1.0 | 6 | 5.0 | | 10.0 | |
| Injection Wells | | | | | | | |
| IW-2-04-15-08-10:55 | 32 | 1.0 | | 5.0 | | 10.0 | |
| Maple-Inj-04-01-08-07:55 | 25 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-02-08-08:45 | 13 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-03-08-08:20 | 15 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-04-08-08:25 | 23 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-07-08-07:50 | 25 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-08-08-07:40 | 16 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-09-08-08:15 | 17 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-10-08-08:00 | 15 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-11-08-08:05 | 22 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-14-08-11:00 | 17 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-15-08-08:15 | 14 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-16-08-08:25 | 16 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-17-08-08:20 | 20 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-18-08-07:00 | 15 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-18-08-13:05 | 26 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-25-08-06:41 | 13 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-28-08-08:25 | 10 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-29-08-07:55 | 12 | 1.0 | nd | 5.0 | | 10.0 | |
| Maple-Inj-04-30-08-08:45 | 12 | 1.0 | nd | 5.0 | | 10.0 | |
| A-Series Wells | | | | | | | |

| Sample Name - Date Sampled - Time Sampled | 1,4-Dioxane Results (ppb) | R.L. (ppb) | Bromate Results (ppb) | R.L. (ppb) | Bromide Results (ppb) | R.L. (ppb) | Comments |
|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| A-Series Wells | | | | | | | |
| MW-112s-04-11-08-09:10 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-112i-04-11-08-10:40 | 5 | 1.0 | | 5.0 | | 10.0 | |
| MW-112d-04-11-08-09:55 | nd | 1.0 | | 5.0 | | 10.0 | |
| C3 | | | | | | | |
| MW-1-04-16-08-08:50 | 574 | 1.0 | | 5.0 | | 10.0 | |
| MW-5d-04-24-08-14:20 | 20300 | 1.0 | | 5.0 | | 10.0 | |
| MW-11i-04-24-08-12:10 | 16 | 1.0 | | 5.0 | | 10.0 | |
| MW-18d-04-16-08-11:45 | 302 | 1.0 | | 5.0 | | 10.0 | |
| MW-22-04-24-08-10:30 | 6390 | 1.0 | | 5.0 | | 10.0 | |
| MW-37-04-23-08-11:20 | 359 | 1.0 | | 5.0 | | 10.0 | |
| MW-39s-04-17-08-09:25 | 36 | 1.0 | | 5.0 | | 10.0 | |
| MW-75-04-16-08-08:15 | 434 | 1.0 | | 5.0 | | 10.0 | |
| MW-105s-04-14-08-09:20 | 2500 | 1.0 | | 5.0 | | 10.0 | |
| D0 | | | | | | | |
| MW-41s-04-04-08-14:20 | 19 | 1.0 | | 5.0 | | 10.0 | |
| MW-41d-04-04-08-14:15 | 37 | 1.0 | | 5.0 | | 10.0 | |
| MW-53i-04-07-08-11:55 | 43 | 1.0 | | 5.0 | | 10.0 | |
| A2 Cleaning Supply-04-03-08-13:15 | 92 | 1.0 | | 5.0 | | 10.0 | |
| D2 | | | | | | | |
| MW-4d-04-07-08-14:25 | 992 | 1.0 | | 5.0 | | 10.0 | |
| MW-17-04-07-08-12:40 | 745 | 1.0 | | 5.0 | | 10.0 | |
| MW-30i-04-14-08-13:50 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-38d-04-16-08-09:50 | 130 | 1.0 | | 5.0 | | 10.0 | |
| MW-39d-04-17-08-09:50 | 329 | 1.0 | | 5.0 | | 10.0 | |
| MW-47s-04-10-08-13:20 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-47d-04-10-08-13:50 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-54s-04-08-08-13:45 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-54d-04-08-08-13:20 | 20 | 1.0 | | 5.0 | | 10.0 | |

| Sample Name - Date Sampled - Time Sampled | 1,4-Dioxane Results (ppb) | R.L. (ppb) | Bromate Results (ppb) | R.L. (ppb) | Bromide Results (ppb) | R.L. (ppb) | Comments |
|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| D2 | | | | | | | |
| MW-55-04-08-08-11:25 | 6 | 1.0 | | 5.0 | | 10.0 | |
| MW-56s-04-07-08-11:05 | 123 | 1.0 | | 5.0 | | 10.0 | |
| MW-77-04-08-08-09:40 | 697 | 1.0 | | 5.0 | | 10.0 | |
| MW-92-04-03-08-11:40 | 22 | 1.0 | | 5.0 | | 10.0 | |
| MW-94s-04-22-08-12:10 | 2707 | 1.0 | | 5.0 | | 10.0 | |
| MW-113-04-03-08-12:10 | 23 | 1.0 | | 5.0 | | 10.0 | |
| MW-BE-1s-04-10-08-09:40 | 458 | 1.0 | | 5.0 | | 10.0 | |
| MW-BE-1d-04-10-08-09:25 | 4 | 1.0 | | 5.0 | | 10.0 | |
| MW-KD-1s-04-09-08-13:40 | 25 | 1.0 | | 5.0 | | 10.0 | |
| MW-KD-1d-04-09-08-14:10 | 151 | 1.0 | | 5.0 | | 10.0 | |
| MW-KZ-1-04-22-08-12:45 | nd | 1.0 | | 5.0 | | 10.0 | |
| 545 Allison-04-17-08-14:00 | 10 | 1.0 | | 5.0 | | 10.0 | |
| 593 Allison-04-10-08-11:35 | 428 | 1.0 | | 5.0 | | 10.0 | |
| 430 Barber West-04-08-08-14:05 | 40 | 1.0 | | 5.0 | | 10.0 | |
| 435 Barber-04-08-08-10:40 | 14 | 1.0 | | 5.0 | | 10.0 | |
| MW-400 Clarendon-04-10-08-10:25 | nd | 1.0 | | 5.0 | | 10.0 | |
| 456 Clarendon-04-22-08-13:00 | 590 | 1.0 | | 5.0 | | 10.0 | |
| 2643 Dexter Rd-04-21-08-11:25 | 12 | 1.0 | | 5.0 | | 10.0 | |
| 2652 Dexter Rd-04-17-08-14:25 | 5 | 1.0 | | 5.0 | | 10.0 | |
| 2819 Dexter Rd-04-21-08-11:10 | 1074 | 1.0 | | 5.0 | | 10.0 | |
| 3225 Dexter Rd-04-21-08-11:35 | nd | 1.0 | | 5.0 | | 10.0 | |
| 3249 Dexter Rd-04-21-08-11:50 | nd | 1.0 | | 5.0 | | 10.0 | |
| 453 Dupont-04-08-08-09:25 | 4 | 1.0 | | 5.0 | | 10.0 | |
| 465 Dupont-04-16-08-14:10 | 986 | 1.0 | | 5.0 | | 10.0 | |
| 3365 Jackson Rd-04-18-08-08:40 | 445 | 1.0 | | 5.0 | | 10.0 | |
| 175 Jackson Plaza-04-09-08-09:50 | 524 | 1.0 | | 5.0 | | 10.0 | |
| 305 Pinewood-04-18-08-10:50 | nd | 1.0 | | 5.0 | | 10.0 | |
| 373 Pinewood Shallow-04-18-08-10:30 | 988 | 1.0 | | 5.0 | | 10.0 | |

| Sample Name - Date Sampled - Time Sampled | 1,4-Dioxane Results (ppb) | R.L. (ppb) | Bromate Results (ppb) | R.L. (ppb) | Bromide Results (ppb) | R.L. (ppb) | Comments |
|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| E | | | | | | | |
| MW-30d-04-14-08-14:45 | 1158 | 1.0 | | 5.0 | | 10.0 | |
| MW-65d-04-17-08-11:05 | 35 | 1.0 | | 5.0 | | 10.0 | |
| MW-71-04-09-08-12:00 | 981 | 1.0 | | 5.0 | | 10.0 | |
| MW-72s-04-07-08-13:10 | 34 | 1.0 | | 5.0 | | 10.0 | |
| MW-72d-04-07-08-13:50 | 3021 | 1.0 | | 5.0 | | 10.0 | |
| MW-76s-04-21-08-10:10 | 128 | 1.0 | | 5.0 | | 10.0 | |
| MW-76i-04-21-08-09:50 | 13 | 1.0 | | 5.0 | | 10.0 | |
| MW-76d-04-21-08-09:10 | 3 | 1.0 | | 5.0 | | 10.0 | |
| MW-79s-04-03-08-13:45 | 388 | 1.0 | | 5.0 | | 10.0 | |
| MW-79d-04-04-08-09:15 | 3 | 1.0 | | 5.0 | | 10.0 | |
| MW-81-04-04-08-09:55 | 432 | 1.0 | | 5.0 | | 10.0 | |
| MW-82s-04-09-08-13:10 | 39 | 1.0 | | 5.0 | | 10.0 | |
| MW-83s-04-18-08-11:45 | 445 | 1.0 | | 5.0 | | 10.0 | |
| MW-84s-04-18-08-14:10 | 583 | 1.0 | | 5.0 | | 10.0 | |
| MW-84d-04-18-08-13:40 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-85-04-02-08-14:25 | 1532 | 1.0 | | 5.0 | | 10.0 | |
| MW-87s-04-02-08-13:00 | 19 | 1.0 | | 5.0 | | 10.0 | |
| MW-87d-04-02-08-13:20 | 532 | 1.0 | | 5.0 | | 10.0 | |
| MW-88-04-03-08-12:55 | 268 | 1.0 | | 5.0 | | 10.0 | |
| MW-90-04-02-08-13:50 | 62 | 1.0 | | 5.0 | | 10.0 | |
| MW-91-04-04-08-10:40 | 4 | 1.0 | | 5.0 | | 10.0 | |
| MW-94d-04-22-08-11:45 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-95-04-21-08-14:55 | 118 | 1.0 | | 5.0 | | 10.0 | |
| MW-96-04-22-08-10:30 | 193 | 1.0 | | 5.0 | | 10.0 | |
| MW-98s-04-22-08-08:55 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-98d-04-22-08-09:35 | 7 | 1.0 | | 5.0 | | 10.0 | |
| MW-100-04-02-08-12:40 | 151 | 1.0 | | 5.0 | | 10.0 | |
| MW-101-04-03-08-10:35 | 393 | 1.0 | | 5.0 | | 10.0 | |

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|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| E | | | | | | | |
| MW-102s-04-17-08-07:40 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-102d-04-17-08-08:15 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-103s-04-11-08-12:55 | 24 | 1.0 | | 5.0 | | 10.0 | |
| MW-103d-04-11-08-13:45 | 17 | 1.0 | | 5.0 | | 10.0 | |
| MW-104-04-04-08-13:05 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-105d-04-14-08-09:05 | 719 | 1.0 | | 5.0 | | 10.0 | |
| MW-106s-04-14-08-10:50 | 895 | 1.0 | | 5.0 | | 10.0 | |
| MW-106d-04-14-08-11:45 | 1 | 1.0 | | 5.0 | | 10.0 | |
| MW-107-04-03-08-11:00 | 24 | 1.0 | | 5.0 | | 10.0 | |
| MW-108s-04-21-08-13:30 | 2718 | 1.0 | | 5.0 | | 10.0 | |
| MW-108d-04-21-08-14:05 | 3018 | 1.0 | | 5.0 | | 10.0 | |
| MW-110-04-04-08-13:40 | 28 | 1.0 | | 5.0 | | 10.0 | |
| MW-115-04-03-08-09:00 | 1045 | 1.0 | | 5.0 | | 10.0 | |
| MW-116-04-03-08-09:35 | 404 | 1.0 | | 5.0 | | 10.0 | |
| MW-117-04-08-08-14:35 | nd | 1.0 | | 5.0 | | 10.0 | |
| MW-118-04-09-08-10:50 | 268 | 1.0 | | 5.0 | | 10.0 | |
| TW-15-04-01-08-10:00 | 133 | 1.0 | | 5.0 | | 10.0 | |
| 373 Pinewood Deep-04-15-08-13:40 | nd | 1.0 | | 5.0 | | 10.0 | |
| SW | | | | | | | |
| MW-10d-04-22-08-13:30 | 1278 | 1.0 | | 5.0 | | 10.0 | |
| MW-45s-04-22-08-14:15 | 15 | 1.0 | | 5.0 | | 10.0 | |
| MW-45d-04-22-08-14:40 | 673 | 1.0 | | 5.0 | | 10.0 | |
| MW-48-04-24-08-09:35 | 132 | 1.0 | | 5.0 | | 10.0 | |
| MW-52s-04-22-08-13:50 | 1314 | 1.0 | | 5.0 | | 10.0 | |
| MW-58s-04-23-08-10:25 | 221 | 1.0 | | 5.0 | | 10.0 | |
| MW-78-04-23-08-09:45 | 33 | 1.0 | | 5.0 | | 10.0 | |
| None | | | | | | | |
| HC/HR-04-01-08-07:25 | | 1.0 | nd | 2.0 | | 10.0 | |

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|---|---------------------------|------------|-----------------------|------------|-----------------------|------------|----------|
| None | | | | | | | |
| HC/HR-04-02-08-08:20 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-03-08-07:45 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-04-08-07:40 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-07-08-08:00 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-08-08-07:30 | | 1.0 | nd | 5.0 | | 10.0 | |
| HC/HR-04-09-08-07:35 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-10-08-07:40 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-11-08-07:50 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-14-08-07:20 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-15-08-07:50 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-16-08-07:35 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-17-08-07:00 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-18-08-07:55 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-21-08-07:35 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-22-08-07:45 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-23-08-07:50 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-24-08-07:35 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-25-08-08:50 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-28-08-07:55 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-29-08-07:35 | | 1.0 | nd | 2.0 | | 10.0 | |
| HC/HR-04-30-08-07:45 | | 1.0 | nd | 2.0 | | 10.0 | |

nd=Not detected at or above the Reporting Limit (R.L.)

1,4-Dioxane Precision and Accuracy Control Charting

| Analysis Date | Method Blank | CVS True Value | CVS Result | CVS % Recovery | LFB True Value: | LFB Result: | LFB % Recovery: | Sample Result: | MS/MSD True Value: | MS Result: | MSD Result: | MS % Recovery: | MSD % Recovery: | MS/MSD Mean: | MS/MSD RSD: | MS/MSD RPD: |
|---------------|--------------|----------------|------------|----------------|-----------------|-------------|-----------------|----------------|--------------------|------------|-------------|----------------|-----------------|--------------|-------------|-------------|
| 4/2/2008 | 0 | 10.00 | 10.72 | 107.2% | 10.00 | 10.60 | 106 | | 10.00 | | | | | | | |
| 4/3/2008 | 0 | 10.00 | 10.15 | 101.5% | 10.00 | 9.86 | 98.6 | 15.00 | 10.00 | 24.82 | 25.15 | 98.2 | 101.5 | 24.99 | 0.93 | 1.32% |
| 4/4/2008 | 0 | 10.00 | 9.55 | 95.5% | 10.00 | 9.38 | 93.8 | 23.06 | 10.00 | 34.38 | 33.94 | 113.2 | 108.8 | 34.16 | 0.91 | 1.29% |
| | 0 | 10.00 | | | 10.00 | 9.93 | 99.3 | | 10.00 | | | | | | | |
| 4/7/2008 | 0 | 10.00 | 9.49 | 94.9% | 10.00 | 9.58 | 95.8 | 24.77 | 10.00 | 34.47 | 34.09 | 97 | 93.2 | 34.28 | 0.78 | 1.11% |
| 4/8/2008 | 0 | 10.00 | 9.41 | 94.1% | 10.00 | 9.28 | 92.8 | 16.07 | 10.00 | 26.03 | 25.47 | 99.6 | 94 | 25.75 | 1.54 | 2.17% |
| | 0 | 10.00 | | | 10.00 | 8.85 | 88.5 | | 10.00 | | | | | | | |
| 4/10/2008 | 0 | 10.00 | 8.93 | 89.3% | 10.00 | 8.82 | 88.2 | 14.92 | 10.00 | 24.13 | 24.97 | 92.1 | 100.5 | 24.55 | 2.42 | 3.42% |
| 4/11/2008 | 0 | 10.00 | 9.51 | 95.1% | 10.00 | 9.67 | 96.7 | 22.00 | 10.00 | 31.40 | 31.83 | 94 | 98.3 | 31.62 | 0.96 | 1.36% |
| 4/14/2008 | 0 | 10.00 | 9.32 | 93.2% | 10.00 | 9.59 | 95.9 | 17.01 | 10.00 | 27.04 | 27.34 | 100.3 | 103.3 | 27.19 | 0.78 | 1.10% |
| | 0 | 10.00 | | | 10.00 | 8.82 | 88.2 | | 10.00 | | | | | | | |
| 4/15/2008 | 0 | 10.00 | 9.49 | 94.9% | 10.00 | 9.70 | 97 | 14.23 | 10.00 | 23.56 | 23.81 | 93.3 | 95.8 | 23.69 | 0.75 | 1.06% |
| | 0 | 10.00 | | | 10.00 | 8.94 | 89.4 | | 10.00 | | | | | | | |
| 4/16/2008 | 0 | 10.00 | 9.63 | 96.3% | 10.00 | 10.11 | 101.1 | 16.35 | 10.00 | 26.04 | 25.94 | 96.9 | 95.9 | 25.99 | 0.27 | 0.38% |
| | 0 | 10.00 | | | 10.00 | 9.71 | 97.1 | | 10.00 | | | | | | | |
| 4/17/2008 | 0 | 10.00 | 9.89 | 98.9% | 10.00 | 9.91 | 99.1 | 20.01 | 10.00 | 30.07 | 29.93 | 100.6 | 99.2 | 30.00 | 0.33 | 0.47% |
| 4/18/2008 | 0 | 10.00 | 9.66 | 96.6% | 10.00 | 9.79 | 97.9 | 15.46 | 10.00 | 25.75 | 25.65 | 102.9 | 101.9 | 25.70 | 0.28 | 0.39% |
| | 0 | 10.00 | | | 10.00 | 9.59 | 95.9 | | 10.00 | | | | | | | |
| 4/21/2008 | 0 | 10.00 | 9.55 | 95.5% | 10.00 | 9.76 | 97.6 | | 10.00 | | | | | | | |
| | 0 | 10.00 | | | 10.00 | 9.52 | 95.2 | | 10.00 | | | | | | | |
| 4/22/2008 | 0 | 10.00 | 10.17 | 101.7% | 10.00 | 10.52 | 105.2 | | 10.00 | | | | | | | |
| 4/23/2008 | 0 | 10.00 | 9.79 | 97.9% | 10.00 | 10.19 | 101.9 | | 10.00 | | | | | | | |
| 4/24/2008 | 0 | 10.00 | 9.80 | 98.0% | 10.00 | 9.58 | 95.8 | | 10.00 | | | | | | | |
| 4/25/2008 | 0 | 10.00 | 9.77 | 97.7% | 10.00 | 9.69 | 96.9 | 13.08 | 10.00 | 22.45 | 21.70 | 93.7 | 86.2 | 22.08 | 2.40 | 3.40% |
| 4/28/2008 | 0 | 10.00 | 10.20 | 102.0% | 10.00 | 9.92 | 99.2 | 9.98 | 10.00 | 20.23 | 20.24 | 102.5 | 102.6 | 20.24 | 0.03 | 0.05% |
| 4/30/2008 | 0 | 10.00 | 10.26 | 102.6% | 10.00 | 10.06 | 100.6 | 12.15 | 10.00 | 22.16 | 23.57 | 100.1 | 114.2 | 22.87 | 4.36 | 6.17% |

CVS Mean: 9.75 CVS Standard Dev: 0.41 3 Standard Dev.: 1.23 Lower Control Limit: 8.52 Upper Control Limit: 10.98

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

21-Apr-08

Wendy Schultz
Pall Life Sciences
600 South Wagner Road
Ann Arbor, MI 48103-9019

Tel: (734) 913-6598
Fax: (734) 913-6427

Re: Outfall 001 4/9/08

Work Order : **0804246**

Dear Wendy,

ALS Laboratory Group received 1 sample on 4/11/2008 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 6.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: IL100452

ALS USA MI, CORP

Part of the **ALS Laboratory Group**

3352 128th Avenue Holland, Michigan 49424-9263

Phone: (616) 399-6070 Fax: (616) 399-6185

www.elabi.com www.alsglobal.com

A Campbell Brothers Limited Company

Client: Pall Life Sciences
Project: Outfall 001 4/9/08
Work Order: 0804246

Work Order Sample Summary

| <u>Lab Samp ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Tag Number</u> | <u>Collection Date</u> | <u>Date Received</u> | <u>Hold</u> |
|--------------------|--------------------------|---------------|-------------------|------------------------|----------------------|--------------------------|
| 0804246-01 | Outfall001-04-09-08-1320 | Wastewater | | 4/9/2008 13:20 | 4/11/2008 10:00 | <input type="checkbox"/> |

ALS Laboratory Group

Date: 21-Apr-08

Client: Pall Life Sciences
Project: Outfall 001 4/9/08

Work Order: 0804246

Lab ID: 0804246-01A
Client Sample ID: Outfall001-04-09-08-1320

Collection Date: 4/9/2008 1:20:00 PM
Matrix: WASTEWATER

| Analyses | Result | Report Limit | Qual | Units | Dilution Factor | Date Analyzed |
|------------------------------|--------|--------------|------|-------------|-----------------|--------------------|
| ORGANIC ACIDS BY HPLC | | | | HPLC | | Analyst: JD |
| Oxalic acid | ND | | 150 | µg/L | 1 | 4/18/2008 |

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

ALS Laboratory Group

Date: 21-Apr-08

Client: Pall Life Sciences
 Work Order: 0804246
 Project: Outfall 001 4/9/08

QC BATCH REPORT

Batch ID: R58014 Instrument ID HPLC1 Method: HPLC

| MBLK | Sample ID: MB-R58014 | Units: mg/L | | | | | Analysis Date: 4/18/2008 | | | |
|-------------|-----------------------|---------------|---------|---------------|------------|---------------|--------------------------|------|-----------|------|
| Client ID: | Run ID: HPLC1_080418B | SeqNo: 956746 | | | Prep Date: | DF: 1 | | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Oxalic acid | ND | 0.15 | | | | | | | | |

| LCS | Sample ID: LCS-R58014 | Units: mg/L | | | | | Analysis Date: 4/18/2008 | | | |
|-------------|-----------------------|---------------|---------|---------------|------------|---------------|--------------------------|------|-----------|------|
| Client ID: | Run ID: HPLC1_080418B | SeqNo: 956747 | | | Prep Date: | DF: 1 | | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Oxalic acid | 490.2 | 0.15 | 500 | 0 | 98 | 80-120 | 0 | | | |

| LCSD | Sample ID: LCSD-R58014 | Units: mg/L | | | | | Analysis Date: 4/18/2008 | | | |
|-------------|------------------------|---------------|---------|---------------|------------|---------------|--------------------------|-------|-----------|------|
| Client ID: | Run ID: HPLC1_080418B | SeqNo: 956751 | | | Prep Date: | DF: 1 | | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Oxalic acid | 485.4 | 0.15 | 500 | 0 | 97.1 | 80-120 | 490.2 | 0.983 | 20 | |

| MS | Sample ID: 0804246-01A MS | Units: mg/L | | | | | Analysis Date: 4/18/2008 | | | |
|-------------------------------------|---------------------------|---------------|---------|---------------|------------|---------------|--------------------------|------|-----------|------|
| Client ID: Outfall001-04-09-08-1320 | Run ID: HPLC1_080418B | SeqNo: 956749 | | | Prep Date: | DF: 2 | | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Oxalic acid | 759.5 | 0.30 | 1000 | 0 | 76 | 45-85 | 0 | | | |

| MSD | Sample ID: 0804246-01A MSD | Units: mg/L | | | | | Analysis Date: 4/18/2008 | | | |
|-------------------------------------|----------------------------|---------------|---------|---------------|------------|---------------|--------------------------|--------|-----------|------|
| Client ID: Outfall001-04-09-08-1320 | Run ID: HPLC1_080418B | SeqNo: 956750 | | | Prep Date: | DF: 2 | | | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Oxalic acid | 759.8 | 0.30 | 1000 | 0 | 76 | 45-85 | 759.5 | 0.0416 | 20 | |

The following samples were analyzed in this batch: 0804246-01A

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- O - Referenced analyte value is > 4 times amount spiked
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- P - Dual Column results percent difference > 40%
- B - Analyte detected in assoc. Method Blank
- U - Analyzed for but not detected
- E - Value above quantitation range

0804246



Environmental Laboratory Services
600 South Wagner Rd. Ann Arbor, MI 48103-9019
Phone: (734)-913-6598 * Fax: (734)-913-6427

Chain of Custody Record

Page 1 of 1

Company PALL
 Name _____
 Street _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____

Required Completion Date: _____ Fax the Report: Yes / No
 Requested Turnaround: Standard * 4 business days * 48 hours
 24 hours * 3 business days * ASAP/Same day
 Project Name / Number: PALL
 Print Sampler Name: BOB URSING

| Sample Identification or Location (This will appear on the final report) | Sample Date | Sample Time | Water Matrix | | | | Number of Containers | Requested Testing | Preservation | | | | | Lab ID | |
|---|-----------------|--------------|--------------|--------|---------|-----------------------|----------------------|-------------------|--------------|-----|-----|------------------|--------------------------------|--------|-------|
| | | | Drinking | Ground | Surface | Waste <i>retested</i> | | | None | 4°C | HCl | HNO ₃ | H ₂ SO ₄ | | Other |
| 1 <u>OUTFALLOO1-04-09-08-1320</u> | <u>04/09/08</u> | <u>13:20</u> | | | | <u>X</u> | <u>1</u> | <u>Oxalic</u> | <u>X</u> | | | | | | |
| 2 | / / | : | | | | | | | | | | | | | |
| 3 | / / | : | | | | | | | | | | | | | |
| 4 | / / | : | | | | | | | | | | | | | |
| 5 | / / | : | | | | | | | | | | | | | |
| 6 | / / | : | | | | | | | | | | | | | |
| 7 | / / | : | | | | | | | | | | | | | |
| 8 | / / | : | | | | | | | | | | | | | |
| 9 | / / | : | | | | | | | | | | | | | |
| 10 | / / | : | | | | | | | | | | | | | |
| 11 | / / | : | | | | | | | | | | | | | |
| 12 | / / | : | | | | | | | | | | | | | |
| 13 | / / | : | | | | | | | | | | | | | |
| 14 | / / | : | | | | | | | | | | | | | |
| 15 | / / | : | | | | | | | | | | | | | |

Released by: Bob Ursing Date: 04/09/08 Time: 13:30 Received by: WJ Schultze Date: 04/09/08 Time: 13:30
 Released by: WJ Schultze Date: 04/10/08 Time: 10:15 Received by: _____ Date: 11/18/08 Time: 11:00

PINK Copy - Sampler

WHITE copy and YELLOW copy - Forward to laboratory with samples.

Sample temperature upon laboratory receipt _____ °C

Sample Receipt Checklist

Client Name PALL

Date/Time Received: 4/11/2008 10:00

Work Order Number 0804246

Received by: ARB

Checklist completed by _____

[Handwritten Signature]
Signature Date 4/11/08

Reviewed by _____

[Handwritten Initials] 4/12/08
initials Date

Matrix:

Carrier name: UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s): 4.0 C _____

Cooler(s)/Kit(s): _____
Yes No No VOA vials submitted

Water - VOA vials have zero headspace? Yes No N/A

Water - pH acceptable upon receipt? Yes No N/A

Adjusted? ND Checked by ARB

Login Notes:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

