PALL Life Sciences

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Sample Analysis Report

October, 2006

Analyst Initials

Date 11/10/06

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-3-10-02-06-08:38	75	1.0		5.0		10.0	
HZ-S-10-02-06-15:45	1371	1.0		5.0		10.0	
LB-1-10-02-06-08:34	474	1.0		5.0		10.0	
LB-3-10-02-06-08:36	558	1.0		5.0		10.0	
PW-1-10-02-06-07:55	1020	1.0		5.0		10.0	
DOLPH-10-02-06-16:06	112	1.0		5.0		10.0	
TW-5-10-02-06-16:13	1096	1.0		5.0		10.0	
TW-6-10-02-06-07:52	250	1.0		5.0		10.0	
TW-8-10-02-06-15:03	761	1.0		5.0		10.0	
TW-9-10-02-06-15:38	1677	1.0		5.0		10.0	
TW-10-10-02-06-15:28	2250	1.0		5.0		10.0	
TW-11-10-02-06-16:15	380	1.0		5.0		10.0	
TW-12-10-02-06-16:02	54	1.0		5.0		10.0	
TW-13-10-02-06-15:24	436	1.0		5.0		10.0	
TW-14-10-02-06-15:35	202	1.0		5.0		10.0	
TW-17-10-02-06-15:33	200	1.0		5.0		10.0	
TW-18-10-02-06-07:59	1060	1.0		5.0		10.0	
TW-19-10-02-06-08:18	794	1.0	nd	5.0		10.0	
TW-19-10-09-06-09:07	776	1.0	nd	5.0		10.0	
TW-19-10-16-06-08:10	817	1.0	nd	5.0		10.0	
TW-19-10-23-06-08:42	832	1.0	nd	5.0		10.0	
TW-19-10-30-06-07:55	843	1.0	nd	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
TEMPORARY EXTRACTION WELLS							
MW-11d-10-02-06-15:49	425	1.0		5.0		10.0	
MW-50-10-02-06-15:00	372	1.0		5.0		10.0	
MW-58s-10-02-06-15:02	830	1.0		5.0		10.0	
MW-64-10-02-06-15:52	129	1.0		5.0		10.0	
SW-COMB-10-02-06-07:57	675	1.0		5.0		10.0	
RED POND							
Red Pond-10-02-06-07:50	952	1.0		5.0	121	10.0	
Red Pond-10-09-06-07:37	1007	1.0		5.0	110	10.0	
Red Pond-10-16-06-07:25	1020	1.0		5.0	105	10.0	
Red Pond-10-23-06-07:46	1030	1.0		5.0	154	10.0	
Red Pond-10-24-06-07:20	1082	1.0		5.0	116	10.0	
Red Pond-10-30-06-07:06	1087	1.0		5.0	119	10.0	
OUTFALL001							
OUTFALL-10-01-06-	4	1.0	nd	5.0		10.0	
OUTFALL-10-02-06-	5	1.0	5	5.0		10.0	
OUTFALL-10-03-06-	5	1.0	nd	5.0		10.0	
OUTFALL-10-04-06-	5	1.0	nd	5.0		10.0	
OUTFALL-10-05-06-	4	1.0	5	5.0		10.0	
OUTFALL-10-08-06-	4	1.0	nd	5.0		10.0	
OUTFALL-10-09-06-	4	1.0	5	5.0		10.0	
OUTFALL-10-10-06-	4	1.0	6	5.0		10.0	
OUTFALL-10-11-06-	5	1.0	5	5.0		10.0	
OUTFALL-10-12-06-	4	1.0	6	5.0		10.0	
OUTFALL-10-15-06-	4	1.0	7	5.0		10.0	
OUTFALL-10-16-06-	4	1.0	7	5.0		10.0	
OUTFALL-10-17-06-	4	1.0	7	5.0		10.0	
OUTFALL-10-18-06-	5	1.0	5	5.0		10.0	
OUTFALL-10-19-06-	4	1.0	5	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-10-22-06-	4	1.0	nd	5.0		10.0	
OUTFALL-10-23-06-	4	1.0	6	5.0		10.0	
OUTFALL-10-24-06-	4	1.0	5	5.0		10.0	
OUTFALL-10-25-06-	4	1.0	nd	5.0		10.0	
OUTFALL-10-26-06-	4	1.0	5	5.0		10.0	
OUTFALL-10-29-06-	6	1.0	nd	5.0		10.0	
OUTFALL-10-30-06-	5	1.0	nd	5.0		10.0	
OUTFALL-10-31-06-	5	1.0	nd	5.0		10.0	
C3							
MW-1-10-24-06-14:10	253	1.0		5.0		10.0	
MW-2d-10-10-06-12:25	73	1.0		5.0		10.0	
MW-5d-10-16-06-13:45	22984	1.0		5.0		10.0	
MW-11s-10-12-06-14:30	5	1.0		5.0		10.0	
MW-11i-10-12-06-14:10	32	1.0		5.0		10.0	
MW-15d-10-18-06-11:30	nd	1.0		5.0		10.0	
MW-16-10-23-06-09:35	nd	1.0		5.0		10.0	
MW-18d-10-09-06-13:00	455	1.0		5.0		10.0	
MW-20-10-10-06-13:40	nd	1.0		5.0		10.0	
MW-22-10-12-06-13:35	2053	1.0		5.0		10.0	
MW-23-10-05-06-12:30	192	1.0		5.0		10.0	
MW-24-10-05-06-11:21	766	1.0		5.0		10.0	
MW-28-10-06-06-14:55	nd	1.0		5.0		10.0	
MW-32-10-12-06-13:55	30	1.0		5.0		10.0	
MW-37-10-09-06-12:40	298	1.0		5.0		10.0	
MW-39s-10-09-06-10:30	50	1.0		5.0		10.0	
MW-75-10-10-06-08:05	735	1.0		5.0		10.0	
Saginaw Forest Cabin #4-10-16-06-08:00	nd	1.0		5.0		10.0	
D0							

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
D0							
MW-31-10-25-06-11:10	30	1.0		5.0		10.0	
MW-40s-10-11-06-10:45	nd	1.0		5.0		10.0	
MW-40d-10-11-06-10:25	nd	1.0		5.0		10.0	
MW-41s-10-10-06-12:55	19	1.0		5.0		10.0	
MW-41d-10-10-06-12:40	39	1.0		5.0		10.0	
MW-51-10-09-06-10:05	nd	1.0		5.0		10.0	
MW-53s-10-09-06-11:37	nd	1.0		5.0		10.0	
MW-53i-10-09-06-11:25	50	1.0		5.0		10.0	
MW-53d-10-09-06-12:05	2	1.0		5.0		10.0	
MW-59s-10-11-06-09:40	nd	1.0		5.0		10.0	
MW-60-10-12-06-11:55	17	1.0		5.0		10.0	
MW-61s-10-12-06-12:50	31	1.0		5.0		10.0	
MW-61d-10-12-06-12:30	nd	1.0		5.0		10.0	
5005 Jackson Rd-10-12-06-10:40	46	1.0		5.0		10.0	
110 Parkland Plaza-10-11-06-08:50	5	1.0		5.0		10.0	
4601 Park 4 inch-10-25-06-10:05	2	1.0		5.0		10.0	
4601 Park 6 inch-10-25-06-09:25	3	1.0		5.0		10.0	
4742 Park Rd-10-25-06-10:45	25	1.0		5.0		10.0	
A2 Cleaning Supply-10-05-06-11:35	119	1.0		5.0		10.0	
D2							
MW-4d-10-18-06-11:00	1034	1.0		5.0		10.0	
MW-17-10-23-06-11:25	592	1.0		5.0		10.0	
MW-38d-10-09-06-13:35	196	1.0		5.0		10.0	
MW-39d-10-09-06-10:50	229	1.0		5.0		10.0	
MW-43-10-23-06-09:05	nd	1.0		5.0		10.0	
MW-44-10-09-06-09:25	nd	1.0		5.0		10.0	
MW-47s-10-13-06-12:25	nd	1.0		5.0		10.0	
MW-47d-10-13-06-12:45	nd	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-55-10-19-06-08:50	4	1.0		5.0		10.0	
MW-56s-10-09-06-09:00	232	1.0		5.0		10.0	
MW-62i-10-06-06-14:05	nd	1.0		5.0		10.0	
MW-63i-10-06-06-13:10	nd	1.0		5.0		10.0	
MW-77-10-26-06-08:50	513	1.0		5.0		10.0	
MW-92-10-10-06-11:55	20	1.0		5.0		10.0	
MW-94s-10-20-06-08:35	2664	1.0		5.0		10.0	
MW-BE-1s-10-13-06-14:40	145	1.0		5.0		10.0	
MW-BE-1d-10-13-06-14:15	7	1.0		5.0		10.0	
MW-KD-1s-10-13-06-13:35	26	1.0		5.0		10.0	
MW-KD-1d-10-13-06-13:15	135	1.0		5.0		10.0	
544 Allison-10-11-06-13:50	2	1.0		5.0		10.0	
545 Allison-10-04-06-10:30	5	1.0		5.0		10.0	
593 Allison-10-11-06-13:00	96	1.0		5.0		10.0	
430 Barber East-10-26-06-13:30	3	1.0		5.0		10.0	
430 Barber West-10-26-06-14:05	41	1.0		5.0		10.0	
435 Barber-10-26-06-09:40	22	1.0		5.0		10.0	
MW-400 Clarendon-10-26-06-10:15	nd	1.0		5.0		10.0	
456 Clarendon-10-17-06-10:40	549	1.0		5.0		10.0	
2643 Dexter Rd-10-17-06-10:30	nd	1.0		5.0		10.0	
2652 Dexter Rd-10-11-06-14:50	5	1.0		5.0		10.0	
2805 Dexter Rd-10-17-06-10:20	1599	1.0		5.0		10.0	
2819 Dexter Rd-10-03-06-14:45	909	1.0		5.0		10.0	
3225 Dexter Rd-10-17-06-10:00	nd	1.0		5.0		10.0	
3249 Dexter Rd-10-18-06-14:20	nd	1.0		5.0		10.0	
453 Dupont-10-17-06-10:10	4	1.0		5.0		10.0	
3365 Jackson Rd-10-10-06-14:25	708	1.0		5.0		10.0	
E							

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							
IW-2-10-19-06-11:55	2	1.0		5.0		10.0	
MW-56d-10-09-06-08:40	nd	1.0		5.0		10.0	
MW-59d-10-11-06-09:25	nd	1.0		5.0		10.0	
MW-62d-10-06-06-13:40	nd	1.0		5.0		10.0	
MW-63d-10-06-06-12:55	nd	1.0		5.0		10.0	
MW-66-10-09-06-14:55	nd	1.0		5.0		10.0	
MW-67-10-27-06-09:25	nd	1.0		5.0		10.0	
MW-68-10-10-06-08:55	nd	1.0		5.0		10.0	
MW-69-10-26-06-12:55	nd	1.0		5.0		10.0	
MW-70-10-23-06-10:35	nd	1.0		5.0		10.0	
MW-71-10-23-06-08:40	857	1.0		5.0		10.0	
MW-72s-10-03-06-12:58	55	1.0		5.0		10.0	
MW-72d-10-03-06-12:25	3382	1.0		5.0		10.0	
MW-76s-10-18-06-13:50	119	1.0		5.0		10.0	
MW-76i-10-18-06-13:15	12	1.0		5.0		10.0	
MW-76d-10-18-06-12:30	2	1.0		5.0		10.0	
MW-79s-10-03-06-08:40	638	1.0		5.0		10.0	
MW-81-10-03-06-09:20	417	1.0		5.0		10.0	
MW-82s-10-18-06-09:35	31	1.0		5.0		10.0	
MW-82d-10-18-06-10:35	nd	1.0		5.0		10.0	
MW-83s-10-10-06-10:25	288	1.0		5.0		10.0	
MW-83d-10-10-06-10:05	nd	1.0		5.0		10.0	
MW-84s-10-10-06-11:25	397	1.0		5.0		10.0	
MW-84d-10-10-06-11:08	nd	1.0		5.0		10.0	
MW-85-10-03-06-10:35	1865	1.0		5.0		10.0	
MW-86-10-18-06-09:10	nd	1.0		5.0		10.0	
MW-87s-10-02-06-12:40	44	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-87d-10-02-06-13:10	486	1.0		5.0		10.0	
MW-88-10-02-06-13:40	21	1.0		5.0		10.0	
MW-89-10-02-06-11:40	nd	1.0		5.0		10.0	
MW-90-10-02-06-12:20	15	1.0		5.0		10.0	
MW-91-10-24-06-10:05	1	1.0		5.0		10.0	
MW-94d-10-20-06-09:20	nd	1.0		5.0		10.0	
MW-95-10-23-06-07:50	120	1.0		5.0		10.0	
MW-96-10-20-06-08:15	1424	1.0		5.0		10.0	
MW-105s-10-12-06-09:10	3677	1.0		5.0		10.0	
MW-105d-10-12-06-08:50	1035	1.0		5.0		10.0	
TW-15-10-02-06-09:40	109	1.0		5.0		10.0	
Saginaw Forest Cabin #1-10-16-06-09:40	42	1.0		5.0		10.0	
Saginaw Forest Cabin #2-10-16-06-12:00	4	1.0		5.0		10.0	
Marshy							
AMW-1-10-05-06-11:40	315	1.0		5.0		10.0	
AMW-2-10-05-06-09:10	6	1.0		5.0		10.0	
MOW-1-10-05-06-09:30	392	1.0		5.0		10.0	
NMW-1s-10-05-06-10:52	1406	1.0		5.0		10.0	
NMW-1d-10-05-06-10:45	698	1.0		5.0		10.0	
NMW-2s-10-05-06-10:35	1799	1.0		5.0		10.0	
NMW-2d-10-05-06-10:30	724	1.0		5.0		10.0	
NMW-3s-10-05-06-11:12	1148	1.0		5.0		10.0	
NMW-3d-10-05-06-11:05	1400	1.0		5.0		10.0	
PMW-1-10-05-06-10:10	227	1.0		5.0		10.0	
PMW-2-10-05-06-10:20	2698	1.0		5.0		10.0	
PMW-3-10-05-06-09:45	9500	1.0		5.0		10.0	
PMW-4-10-05-06-10:00	1162	1.0		5.0		10.0	
SW-1M-10-05-06-12:45	nd	1.0		5.0		10.0	

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Marshy							
SW-2M-10-05-06-12:51	nd	1.0		5.0		10.0	
SW-3M-10-05-06-12:56	nd	1.0		5.0		10.0	
SW							
MW-10d-10-25-06-12:50	1272	1.0		5.0		10.0	
MW-46-10-25-06-13:25	127	1.0		5.0		10.0	
MW-48-10-26-06-14:40	161	1.0		5.0		10.0	
MW-49-10-24-06-07:30	nd	1.0		5.0		10.0	
MW-52s-10-19-06-14:00	1174	1.0		5.0		10.0	
MW-52i-10-19-06-13:38	nd	1.0		5.0		10.0	
MW-52d-10-19-06-13:18	nd	1.0		5.0		10.0	
MW-58d-10-09-06-14:05	4	1.0		5.0		10.0	
MW-78-10-16-06-08:15	45	1.0		5.0		10.0	
Not Determined							
MW-62s-10-06-06-14:20	nd	1.0		5.0		10.0	
MW-63s-10-06-06-12:30	nd	1.0		5.0		10.0	
MW-79d-10-02-06-14:25	29	1.0		5.0		10.0	
MW-98s-10-27-06-10:50	nd	1.0		5.0		10.0	
MW-98d-10-27-06-11:55	4	1.0		5.0		10.0	
MW-99s-10-24-06-11:30	nd	1.0		5.0		10.0	
MW-99d-10-24-06-11:10	nd	1.0		5.0		10.0	
MW-100-10-19-06-09:50	8	1.0		5.0		10.0	
MW-101-10-03-06-09:55	410	1.0		5.0		10.0	
MW-102s-10-17-06-08:15	nd	1.0		5.0		10.0	
MW-102d-10-17-06-07:55	nd	1.0		5.0		10.0	
MW-103s-10-24-06-09:25	12	1.0		5.0		10.0	
MW-103d-10-24-06-09:10	18	1.0		5.0		10.0	
MW-104-10-24-06-08:25	nd	1.0		5.0		10.0	
MW-106s-10-27-06-14:35	1628	1.0		5.0		10.0	

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Not Determined							
MW-106d-10-27-06-14:00	6	1.0		5.0		10.0	
2601 Dexter-10-26-06-11:45	7	1.0		5.0		10.0	
First Sister Lake-10-23-06-08:15	7	1.0		5.0		10.0	
None							
3050 Jackson Rd-10-23-06-11:00	183	1.0		5.0		10.0	
2575 Valley-10-26-06-10:50	26	1.0		5.0		10.0	
Maple-Inj-10-02-06-08:15	14	1.0	nd	5.0		10.0	
Maple-Inj-10-03-06-08:25	16	1.0	nd	5.0		10.0	
Maple-Inj-10-06-06-09:35	11	1.0	nd	5.0		10.0	
Maple-Inj-10-09-06-09:05	11	1.0	5	5.0		10.0	
Maple-Inj-10-10-06-08:05	9	1.0	6	5.0		10.0	
Maple-Inj-10-11-06-08:40	12	1.0	5	5.0		10.0	
Maple-Inj-10-12-06-08:30	9	1.0	5	5.0		10.0	
Maple-Inj-10-13-06-08:25	12	1.0	5	5.0		10.0	
Maple-Inj-10-16-06-08:05	12	1.0	5	5.0		10.0	
Maple-Inj-10-17-06-08:30	10	1.0	7	5.0		10.0	
Maple-Inj-10-18-06-08:30	13	1.0	nd	5.0		10.0	
Maple-Inj-10-19-06-08:30	9	1.0	5	5.0		10.0	
Maple-Inj-10-20-06-09:00	11	1.0	5	5.0		10.0	
Maple-Inj-10-23-06-08:40	10	1.0	nd	5.0		10.0	
Maple-Inj-10-24-06-09:00	12	1.0	nd	5.0		10.0	
Maple-Inj-10-25-06-09:00	12	1.0	nd	5.0		10.0	
Maple-Inj-10-26-06-08:25	11	1.0	nd	5.0		10.0	
Maple-Inj-10-27-06-08:35	13	1.0	nd	5.0		10.0	
Maple-Inj-10-30-06-07:50	16	1.0	nd	5.0		10.0	
Maple-Inj-10-31-06-08:30	10	1.0	nd	5.0		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:*
10/2/2006	0	10.00	9.57	95.7%	10.00	9.41	94.1	4.14	10.00	14.76	15.26	106.2	111.2	15.01	2.36	3.33%
10/3/2006	0	10.00	9.29	92.9%	10.00	10.05	100.5	16.27	10.00	26.85	25.74	105.8	94.7	26.30	2.98	4.22%
10/4/2006	0	10.00	8.99	89.9%	10.00	8.92	89.2	5.25	10.00	15.39	16.24	101.4	109.9	15.82	3.80	5.37%
10/5/2006	0	10.00	9.25	92.5%	10.00	9.12	91.2	5.32	10.00	15.52	15.77	102	104.5	15.65	1.13	1.60%
	0	10.00			10.00	9.52	95.2		10.00							
10/6/2006	0	10.00	9.25	92.5%	10.00	9.03	90.3	4.56	10.00	14.93	14.65	103.7	100.9	14.79	1.34	1.89%
10/9/2006	0	10.00	9.59	95.9%	10.00	9.52	95.2	10.96	10.00	21.88	22.24	109.2	112.8	22.06	1.15	1.63%
10/10/2006	0	10.00	9.33	93.3%	10.00	8.88	88.8	4.55	10.00	13.16	15.08	86.1	105.3	14.12	9.62	13.60%
	0	10.00			10.00	9.76	97.6		10.00							
10/11/2006	0	10.00	9.23	92.3%	10.00	9.52	95.2	4.45	10.00	12.96	13.97	85.1	95.2	13.47	5.30	7.50%
	0	10.00			10.00	10.15	101.5		10.00							
10/12/2006	0	10.00	10.67	106.7%	10.00	9.73	97.3	4.78	10.00	15.32	15.72	105.4	109.4	15.52	1.82	2.58%
	0	10.00			10.00	10.66	106.6		10.00							
10/13/2006	0	10.00	9.36	93.6%	10.00	9.76	97.6	4.28	10.00	14.99	15.51	107.1	112.3	15.25	2.41	3.41%
	0	10.00			10.00	10.95	109.5		10.00							
	0	10.00	9.94	99.4%	10.00	10.02	100.2		10.00							
10/16/2006	0	10.00	9.82	98.2%	10.00	9.84	98.4	4.34	10.00	14.96	15.37	106.2	110.3	15.17	1.91	2.70%
	0	10.00			10.00	10.08	100.8		10.00							
10/17/2006	0	10.00	9.75	97.5%	10.00	11.27	112.7	4.19	10.00	14.35	15.28	101.6	110.9	14.82	4.44	6.28%
10/18/2006	0	10.00	10.09	100.9%	10.00	10.19	101.9	4.23	10.00	15.10	15.86	108.7	116.3	15.48	3.47	4.91%
	0	10.00			10.00	11.12	111.2		10.00							
10/19/2006	0	10.00	9.73	97.3%	10.00	9.92	99.2	4.70	10.00	15.05	14.84	103.5	101.4	14.95	0.99	1.41%
10/20/2006	0	10.00	9.84	98.4%	10.00	9.28	92.8	4.36	10.00	13.30	14.32	89.4	99.6	13.81	5.22	7.39%
	0	10.00			10.00	11.00	110		10.00							
10/23/2006	0	10.00	9.73	97.3%	10.00	9.79	97.9	4.20	10.00	14.31	14.26	101.1	100.6	14.29	0.25	0.35%
10/24/2006	0	10.00	9.91	99.1%	10.00	9.78	97.8	4.16	10.00	14.82	13.76	106.6	96	14.29	5.25	7.42%

CVS Mean: 9.64 CVS Standard Dev: 0.41 3 Standard Dev.: 1.22 Lower Control Limit: 8.42 Upper Control Limit: 10.86

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:*
10/25/2006	0	10.00	9.63	96.3%	10.00	10.90	109	4.41	10.00	15.11	14.84	107	104.3	14.98	1.27	1.80%
10/26/2006	0	10.00	10.34	103.4%	10.00	10.24	102.4	11.12	10.00	22.29	23.17	111.7	120.5	22.73	2.74	3.87%
10/27/2006	0	10.00	9.59	95.9%	10.00	9.71	97.1	4.44	10.00	15.12	15.03	106.8	105.9	15.08	0.42	0.60%
10/30/2006	0	10.00	9.79	97.9%	10.00	9.77	97.7	5.68	10.00	14.37	16.75	86.9	110.7	15.56	10.82	15.30%
10/31/2006	0	10.00	9.02	90.2%	10.00	8.81	88.1	10.27	10.00	24.41	22.99	141.4	127.2	23.70	4.24	5.99%

CVS Mean: 9.64 CVS Standard Dev: 0.41 3 Standard Dev.: 1.22 Lower Control Limit: 8.42 Upper Control Limit: 10.86

e-Lab Analytical, Inc

3352 128th Avenue Holland, Michigan 49424-9263 616-399-6070 Fax 616-399-6185

October 13, 2006

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

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

Re: Oxalic Acid Analysis Work Order : **0610088**

Dear Wendy,

e-Lab Analytical, Inc received 1 sample on 10/4/2006 12:20:00 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. 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 e-Lab Analytical, Inc. 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,

Bill Carey

Electronically approved by: Bill Carey

Bill Carey
Project Manager

Certificate No: IL100452

e-Lab Analytical, Inc **Date:** *October 13, 2006*

CLIENT: Pall Life Sciences
Project: Oxalic Acid Analysis
Work Order: **0610088**

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0610088-01	Outfall 001-10-2-0745	Water		10/2/2006 07:45	10/4/2006 12:20	☐

e-Lab Analytical, Inc

Date: *October 13, 2006*

CLIENT: Pall Life Sciences
Project: Oxalic Acid Analysis
Work Order: 0610088

Lab ID: 0610088-01A
Client Sample ID: Outfall 001-10-2-0745
Collection Date: 10/2/2006 7:45:00 AM
Matrix: WATER

Analyses	Result	Report Limit	Qual	Units	Dilution Factor	Date Analyzed
ORGANIC ACIDS BY HPLC		**HPLC**				Analyst: **RM**
Oxalic acid	ND	150		µg/L	1	10/12/2006

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

e-Lab Analytical, Inc

CLIENT: Pall Life Sciences
Work Order: 0610088
Project: Oxalic Acid Analysis

Date: *Oct 13 2006*

QC BATCH REPORT

Batch ID: **R43219** InstrumentID: **HPLC1**

MBLK Sample ID: **MB-R43219** Test Code: **HPLC** Units: **mg/L** Analysis Date **10/12/06 0:00**
Client ID: Run ID: **HPLC1_061012A** SeqNo: **673975** 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-R43219** Test Code: **HPLC** Units: **mg/L** Analysis Date **10/12/06 0:00**
Client ID: Run ID: **HPLC1_061012A** SeqNo: **673976** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	552.2	0.15	500	0	110	80-120	0			

LCSD Sample ID: **LCSD-R43219** Test Code: **HPLC** Units: **mg/L** Analysis Date **10/12/06 0:00**
Client ID: Run ID: **HPLC1_061012A** SeqNo: **673980** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	551.8	0.15	500	0	110	80-120	552.2	0.0844	20	

MS Sample ID: **0610088-01A MS** Test Code: **HPLC** Units: **mg/L** Analysis Date **10/12/06 0:00**
Client ID: **Outfall 001-10-2-0745** Run ID: **HPLC1_061012A** SeqNo: **673978** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	849.3	0.30	1000	0	84.9	45-85	0			

MSD Sample ID: **0610088-01A MSD** Test Code: **HPLC** Units: **mg/L** Analysis Date **10/12/06 0:00**
Client ID: **Outfall 001-10-2-0745** Run ID: **HPLC1_061012A** SeqNo: **673979** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Oxalic acid	849.6	0.30	1000	0	85	45-85	849.3	0.0365	20	

The following samples were analyzed in this batch: 0610088-01A

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

PALL Life Sciences

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

06 10088

Chain of Custody Record

Oxalic Acid

Page 1 of 1

#	Sample ID-Date Collected-Time Collected	Grab or Composite	Number of Containers 1,4-Dioxane	Bromate	Other	Static Time	Static Result	Comments
1	out-fall001-10-2-0745	G			1	:	.	
2						:	.	
3						:	.	
4						:	.	
5						:	.	
6						:	.	
7						:	.	
8						:	.	
9						:	.	
10						:	.	
11						:	.	
12						:	.	
13						:	.	
14						:	.	
15						:	.	

RELEASED BY:	DATE	TIME	RELEASED BY:	DATE	TIME
John C	10/2/06	09:00	W.J. Schultz	10/02/06	09:00
RECEIVED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
W.J. Schultz	10/3/06	13:15		10/4/06	12:20

e-Lab Analytical, Inc

Sample Receipt Checklist

Client Name PALL | Date/Time Received: 10/4/2006 12:20:00 PM

Work Order Number 0610088 | Received by: AJK

Checklist completed by [signature] 10/4/06 (Signature / Date) | Reviewed by [initials] 10/4/06 (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		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? _____ Checked b _____

Login Notes:

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____