

February 1, 2013

Mr. John Madigan
San Francisco Bay regional Water Quality Control Board
1515 Clay Street, Suite 1400,
Oakland, California 94612

Lehigh Southwest Cement Company
Permanente Plant
Annual Self Monitoring Report
Order No. R2-2008-0011, NPDES Permit No. CAG982001
2012

Dear Mr. Madigan

Please find enclosed the Annual Self Monitoring Report (SMR) for the discharges authorized under the referenced General Permit at the Lehigh Southwest Cement Company Permanente Plant during 2012.

The enclosed water sampling results are primarily for discharges to Permanente Creek from Ponds 4a, 9, 17 and 20, and for the intermediate pond transfer between Ponds 13a and 13b. The Rock Plant Sump location experienced only one discharge, on December 26, 2012, due to storm events. The Dinky Shed and Plant Reclaim Water System locations did not discharge in 2012.

Pond 4A, Pond 9, Pond 17 and Pond 20 and the Rock Plant Sump Overflow experienced TDS, TSS, turbidity and pH excursions on the days noted. TDS in all ponds is non-chloride and likely is sulfate or carbonate based.

Please note that Pond 13b does not directly discharge to Permanente Creek, the sampling is from the intermediate pond transfer between Ponds 13a and 13b. Thus, the results reported here do not reflect what may or may not have entered receiving waters. With this noted, the intermediate pond transfer sampling results for Pond 13b experienced turbidity, TDS, TSS, and Total Settleable Matter values on the days noted.

Please also note that Lehigh will soon be submitting an amended 2012 4th quarter SMR report that corrects several inadvertent errors (*i.e.*, in the cover letter, page 3, the date reported for Rock Plant Sump sampling results should have been December 26, 2012, not November 20, 2012). The tabular data was correct.

Corrective action to address the Summary of 2012 Exceedances set forth below was initially described in the June 2012 Feasibility Analysis submitted to the Regional Water Board. Lehigh understands that additional treatment of the discharges is necessary, and will provide the Regional Water Board with an Updated Feasibility Analysis detailing the specific actions Lehigh will be implementing no later than May 15, 2013.

Lehigh Southwest Cement Company

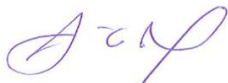
Permanente Plant
24001 Stevens Creek Boulevard

Finally, receiving water data was separately submitted to the Regional Water Board in accordance with the 2011 13267 Order.

Please contact myself or Greg Knapp, Director Environmental Affairs Region West (925)244-6570 with any questions.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations"

Thank you,



Scott Renfrew
Environmental Manager – Permanente Plant
Lehigh Southwest Cement Company

CC Alan Sabawi, LSCC
 Chow Yip, LSCC
 Greg Knapp, Lehigh Hanson

Summary of 2012 Exceedances*

Pond 4a exceedence dates:

- | | |
|--------------------------------|--------------------------------|
| o January 3, 2012 – TDS | o June 18, 2012 – TDS |
| o January 10 2012 – TDS | o June 25 , 2012 – TDS |
| o January 17, 2012 – TDS | o July 2, 2012 – TDS |
| o January 20, 2012 – TDS | o July 9, 2012 – TDS |
| o January 21, 2012 – turbidity | o July 16, 2012 – TDS |
| o January 30, 2012 – TDS | o July 23, 2012 – TDS |
| o February 6, 2012 – TDS | o July 30, 2012 – TDS |
| o February 13, 2012 – TDS | o August 6, 2012 – TDS |
| o February 14, 2012 – TDS | o August 13, 2012 – TDS |
| o February 21, 2012 – TDS | o August 20, 2012 – TDS |
| o February 27, 2012 – TDS | o August 27, 2012 – TDS |
| o March 5, 2012 – TDS | o September 4, 2012 – TDS |
| o March 6, 2012 – TDS | o September 10 , 2012 – TDS |
| o March 12, 2012 – TDS | o September 17, 2012 – TDS |
| o March 14, 2012 – TDS | o September 24 , 2012 – TDS |
| o March 19, 2012 – TDS | o October 1, 2012 – TDS |
| o March 26, 2012 – TDS | o October 8, 2012 – TDS |
| o April 2, 2012 – TDS | o October 15, 2012 – TDS |
| o April 9, 2012 – TDS | o October 22, 2012 – TDS |
| o April 16, 2012 – TDS | o October 29, 2012 – TDS |
| o April 23, 2012 – TDS | o November 6, 2012 – TDS |
| o April 30, 2012 – TDS | o November 12, 2012 – TDS |
| o May 7, 2012 – TDS | o November 19, 2012 – TDS |
| o May 14, 2012 – TDS | o November 26, 2012 – TDS |
| o May 21, 2012 – TDS | o December 5, 2012 – TDS |
| o May 29, 2012 – TDS | o December 10 , 2012 – TDS |
| o June 4, 2012 – TDS | o December 17, 2012 – TDS |
| o June 11 , 2012 – TDS | o December 26 , 2012 – TDS, pH |

* Please note that TSS and acute toxicity samples in 2012 were taken as grab, rather than 24-hour composite. While all acute toxicity monitoring was compliant, the second of the two annual samples was taken on January 3, 2013

Lehigh Southwest Cement Company

Permanente Plant
24001 Stevens Creek Boulevard

Pond 9 exceedence dates:

- o January 10 2012 – TDS
- o January 23 2012 – TSS, turbidity
- o January 30 2012 – TDS
- o February 6, 2012 – TDS
- o February 13, 2012 – TDS
- o February 14, 2012 – TDS
- o February 21, 2012 – TDS
- o February 27, 2012 – TDS
- o March 5, 2012 – TDS
- o March 6, 2012 – TDS
- o March 12, 2012 – TDS
- o March 14, 2012 – TDS
- o March 19, 2012 – TDS
- o March 26, 2012 – TDS
- o April 2, 2012 – TDS
- o April 9, 2012 – TDS
- o April 13, 2012 – turbidity
- o April 16, 2012 – TDS
- o April 17, 2012 - turbidity
- o April 23, 2012 – TDS
- o April 30, 2012 – TDS
- o May 7, 2012 – TDS
- o May 14, 2012 – TDS
- o May 21, 2012 – TDS
- o May 29, 2012 – TDS
- o June 4, 2012 – TDS,
- o June 11 , 2012 – TDS
- o June 18, 2012 – TDS
- o June 25 , 2012 – TDS
- o July 2, 2012 – TDS
- o July 9, 2012 – TDS
- o July 16, 2012 – TDS
- o July 23, 2012 – TDS
- o July 30, 2012 – TDS
- o August 6, 2012 – TDS
- o August 13, 2012 – TDS
- o August 20, 2012 – TDS
- o August 27, 2012 – TDS
- o September 4, 2012 – TDS
- o September 10 , 2012 – TDS
- o September 17, 2012 – TDS
- o September 24 , 2012 – TDS
- o October 1, 2012 – TDS
- o October 2, 2012 – pH
- o October 3, 2012 – turbidity, pH
- o October 4, 2012 – pH
- o October 5, 2012 – pH
- o October 8, 2012 – TDS, pH
- o October 9, 2012 – pH
- o October 10, 2012 – pH
- o October 11, 2012 – pH
- o October 15, 2012 – TDS, pH
- o October 16, 2012 – pH
- o October 19, 2012 – pH
- o October 22, 2012 – pH
- o October 23, 2012 – turbidity
- o October 29, 2012 – TDS, pH
- o October 30, 2012 – pH
- o October 31, 2012 – pH
- o November 1, 2012 – pH
- o November 2, 2012 – pH
- o November 6, 2012 – TDS
- o November 7, 2012 – pH
- o November 8, 2012 – pH
- o November 9, 2012 – pH
- o November 12, 2012 – TDS
- o November 15, 2012 – pH
- o November 16, 2012 – pH
- o November 17, 2012 – pH
- o November 18, 2012 – pH
- o November 19, 2012 – turbidity
- o November 20, 2012 – pH
- o November 21, 2012 – turbidity
- o November 23, 2012 – pH
- o November 25, 2012 – pH
- o November 30, 2012 – turbidity
- o December 3, 2012 – TDS, turbidity
- o December 4, 2012 – turbidity
- o December 5, 2012 – pH, turbidity
- o December 6, 2012 – pH
- o December 7, 2012 – turbidity
- o December 10, 2012 –TDS
- o December 17, 2012 – TDS, turbidity
- o December 19, 2012 – turbidity
- o December 20, 2012 – turbidity
- o December 21, 2012 – turbidity
- o December 26, 2012 – TDS, turbidity

Lehigh Southwest Cement Company

Permanente Plant
24001 Stevens Creek Boulevard

Pond 13b exceedence dates:

- o January 23 2012 – TSS
- o February 14, 2012 – TDS
- o April 2, 2012 – TDS, turbidity
- o April 4, 2012 - turbidity
- o April 9, 2012 – TDS
- o April 10, 2012 – turbidity
- o April 12, 2012 – turbidity
- o April 13, 2012 – turbidity
- o April 16, 2012 – TDS
- o April 23, 2012 – TDS
- o April 27, 2012 – turbidity
- o April 30, 2012 – TDS
- o May 7, 2012 – Tot Sett Matter, TDS, TSS, turbidity
- o May 14, 2012 – TDS
- o May 21, 2012 – TDS
- o May 22, 2012 – turbidity
- o May 23, 2012 – turbidity
- o May 29, 2012 – TDS
- o June 4, 2012 – TDS, TSS, turbidity
- o June 11 , 2012 – Tot Sett Matter, TDS, TSS, turbidity
- o June 18, 2012 – TDS, TSS, turbidity
- o June 19, 2012 – turbidity
- o June 21, 2012 – turbidity
- o June 22, 2012 – turbidity
- o June 28, 2012 – turbidity
- o July 2, 2012 – Tot Sett Matter, TDS, turbidity
- o July 6, 2012 - turbidity
- o July 9, 2012 – TDS, turbidity
- o July 19, 2012 – turbidity
- o July 20, 2012 - turbidity
- o August 13, 2012 – TDS, TSS, turbidity
- o August 20, 2012 – Tot Sett Matter TDS, TSS, turbidity
- o August 21, 2012 – turbidity
- o August 24, 2012 – turbidity
- o August 29 - turbidity
- o August 30, 2012 – turbidity
- o August 31, 2012 – turbidity
- o September 19, 2012 - turbidity
- o October 3, 2012 – turbidity
- o October 10, 2012 – turbidity
- o October 22, 2012 – Tot Set Matter, TDS, turbidity
- o November 28, 2012 – TDS, TSS, turbidity
- o November 30, 2012 – turbidity
- o December 6, 2012 – TDS, TSS, turbidity
- o December 10, 2012 – TDS, TSS
- o December 17, 2012 – TDS, TSS
- o December 26, 2012 – TDS, TSS

Pond 17 exceedence dates:

- o November 30, 2012 – Tot Set Matter, TSS, turbidity
- o December 3 , 2012 – TDS

Pond 20 exceedence dates:

- o January 23 2012 – TSS
- o November 28, 2012 – TDS, turbidity
- o December 3, 2012 – TDS
- o December 10, 2012 – TDS
- o December 17, 2012 – Tot Set Matter, TDS
- o December 26, 2012 – TDS

Pond Rock Plant Sump exceedence dates:

- o December 26, 2012 – TDS (*date corrected from 2012 4th quarter SMR report*)

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Pond 4a

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(mL/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
01/01/12	1	0.341						8.49						
01/02/12		0.454						6.42	7.72					
01/03/12		0.002	ND	860	13	9	ND	6.95	7.79	ND				
01/04/12		0.002						7.99	7.78					
01/05/12		0.002						7.99	7.83					
01/06/12		0.343						6.26	7.79					
01/07/12		0.585						4.50	7.84					
01/08/12	2	0.379						4.40	7.87					
01/09/12		0.770						11.78	7.97					
01/10/12		0.388	ND	930	13	9.1	ND	5.81	7.89	ND	3	8.65		
01/11/12		0.523						1.80	7.94					
01/12/12		0.457						1.54	7.89					
01/13/12		0.280						4.17	7.83					
01/14/12		0.564						7.56	7.67					
01/15/12	3	0.341						12.83	7.65					
01/16/12		0.494						12.13	7.94					
01/17/12		0.440	ND	1000	14	10	ND	8.44	7.81	ND				
01/18/12		0.361						11.46	7.96					
01/19/12		0.208						9.19	7.93					
01/20/12		0.452	ND	1200	62	1	ND	8.52	7.94	ND				
01/21/12		1.002						43.94						
01/22/12	4	0.643						30.89						
01/23/12		0.495	ND	760	12	30	ND	11.92	8.06	ND				
01/24/12		0.642						10.70	8.02					
01/25/12		1.065						8.46	7.99					
01/26/12		1.003						3.44	8.01					
01/27/12		1.105						4.90	8.01					
01/28/12		0.359						7.47	7.63					
01/29/12	5	0.460						6.37	7.69					
01/30/12		0.817	ND	880	13	4	ND	4.87	7.98	ND				
01/31/12		0.309						3.22	8.03					
High		----	0	1200	62	30		43.94	----	ND		----	----	----
Low		----	0	760	12	1		1.54	----	ND		----	----	----
Monthly Avg.		0.493	ND		----	10.517	----	----	----	----		----	----	----
Average Week 1			ND			9.000								
Average Week 2			ND			9.100								
Average Week 3			ND			5.500								
Average Week 4			ND			30.000								
Average Week 5			ND			4.000								
Monthly Total in MG		15.28												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWOS Place ID 273205

1st Quarter 2012

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Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
03/01/12		0.365						2.50	7.71					
03/02/12		0.213						2.36	7.82					
03/03/12		0.301						2.53	7.62					
03/04/12	1	0.401						3.23	7.54					
03/05/12		0.898	ND	860	15	2.9	ND	1.57	7.7	ND				
03/06/12		0.376	ND	950	14	2.5		7.46	7.97	ND	5.7	5.04		
03/07/12		0.435						6.92	7.95					
03/08/12		0.375						5.61	7.92					
03/09/12		0.893						5.44	7.91					
03/10/12		0.276						3.99	7.59					
03/11/12	2	0.344						3.22	7.64					
03/12/12		0.400	ND	960	14	2.3	ND	3.71	7.96	ND			100	
03/13/12		0.318						6.40	7.98					
03/14/12		0.424	ND	820	15	7.1	ND	10.15	8.01	ND				
03/15/12		0.386						7.58	7.97					
03/16/12		0.553						12.94	7.98					
03/17/12		0.003						12.72						
03/18/12	3	0.000						7.24						
03/19/12		1.103	ND	860	15	3.7	ND	11.34	8	ND				
03/20/12		1.217						7.03	8.05					
03/21/12		0.677						4.16	8.03					
03/22/12		0.805						2.89	8.07					
03/23/12		0.616						4.66	8.09					
03/24/12		0.428						3.59						
03/25/12	4	0.001						2.79						
03/26/12		0.001	ND	920	13	5	ND	2.79	7.91	ND				
03/27/12		0.001						2.79	7.9					
03/28/12		0.001						2.79	7.91					
03/29/12		0.001						2.79	7.9					
03/30/12		0.633						13.09	7.95					
03/31/12		0.792						6.38						
High		----	ND	960	15	7.1		13.09	----	ND		----	----	----
Low		----	ND	820	13	2.3		1.57	----	ND		----	----	----
Average Week 1			ND			2.7								
Average Week 2			ND			4.7								
Average Week 3			ND			3.7								
Average Week 4			ND			5								
Monthly Avg.		0.427	ND		----		----	----	----	----		----	----	----
Monthly Total in MG		13.24												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										2nd Quarter 2012				
Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
04/01/12	1	1.020						11.02						
04/02/12		1.333	ND	1100	14	5.9	ND	8.06	8.08	ND				
04/03/12		1.454						3.96	8.05					
04/04/12		1.154						5.93	8.09					
04/05/12		1.416						5.77	8.06					
04/06/12		1.534						8.42	8.07					
04/07/12		0.752						11.34	7.62					
04/08/12	2	0.743						5.75	7.69					
04/09/12		1.627	ND	1100	14	2.5	ND	4.73	7.98	ND				
04/10/12		1.607						3.27	8.06					
04/11/12		1.571						5.43	8.04					
04/12/12		1.176						9.16	8.06					
04/13/12		0.545						0.57	8.04					
04/14/12		0.699						0.56						
04/15/12	3	1.748						5.28	7.69					
04/16/12		2.412	ND	920	13	1.9	ND	3.49	8.05	ND				
04/17/12		2.237						5.87	8.00		0.58	2.48		
04/18/12		1.606						6.90	8.05					
04/19/12		1.336						5.67	8.07					
04/20/12		1.173						5.63	8.05					
04/21/12		1.648						3.59	7.64					
04/22/12	4	0.702						4.81	7.65					
04/23/12		1.698	ND	950	13	9.3	ND	6.68	8.03	ND				
04/24/12		1.580						4.73	8.05					
04/25/12		1.517						3.85	8.03					
04/26/12		1.375						3.94	8.04					
04/27/12		1.600						5.29	8.01					
04/28/12		0.774						6.03						
04/29/12	5	0.940						3.51	7.64					
04/30/12		1.697	ND	910	13	3.6	ND	2.11	7.91	ND				
High		----	0	1100	14	9.3		11.34	----	ND		----	----	----
Low		----	0	910	13	1.9		0.56	----	ND		----	----	----
Monthly Avg.		1.356												
Monthly Total in MG		40.673												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
05/01/12		1.238						4.36	8.08					
05/02/12		1.134						7.90	8.01					
05/03/12		1.090						9.87	8.01					
05/04/12		0.686						8.35	7.97					
05/05/12		1.035						4.46	7.51					
05/06/12	1	0.589						2.98	7.60					
05/07/12		1.132	ND	900	14	8.7	ND	2.54	8.03	ND				
05/08/12		1.323						3.29	8.05					
05/09/12		0.846						10.03	8.00					
05/10/12		0.892						9.78	7.96					
05/11/12		0.637						5.97	7.98					
05/12/12		0.764						5.41	7.53					
05/13/12	2	0.928						3.76	7.58					
05/14/12		1.050	ND	950	13	2.9	ND	3.94	7.87	ND				
05/15/12		0.777						6.21	8.02					
05/16/12		0.822						7.17	7.96					
05/17/12		0.700						5.12	7.96					
05/18/12		0.690						9.17	7.98					
05/19/12		0.509						8.27	7.51					
05/20/12	3	0.663						4.90	7.55					
05/21/12		1.019	ND	890	14	3.7	ND	4.28	7.99	ND				
05/22/12		0.483						3.02	7.95		1.5	1.78		
05/23/12		0.937						3.86	8.01					
05/24/12		0.600						2.89	7.85					
05/25/12		0.731						2.75	7.96					
05/26/12		0.427						2.50	7.54					
05/27/12	4	0.691						2.83	7.59					
05/28/12		0.690						2.92	7.75					
05/29/12		0.766	ND	790	13	1.2	ND	3.41	7.86	ND				
05/30/12		0.679						2.54	7.92					
05/31/12		0.623						1.50	7.95					
High		----	0	950	14	8.7		10.03	----	2.1		----	----	----
Low		----	0	790	13	1.2		1.50	----	2.1		----	----	----
Monthly Avg.		0.823			----		----	----	----	----		----	----	----
Monthly Total in MG		25.163												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

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Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(mL/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
07/01/12	1	0.546						1.14	7.59					
07/02/12		0.287	ND	940	15	2.3	ND	1.93	8.00	ND				
07/03/12		0.525						2.81	7.99					
07/04/12		0.383						3.84	7.65					
07/05/12		0.606						6.20	7.94					
07/06/12		0.445						4.48	7.95					
07/07/12		0.284						4.01	7.70					
07/08/12	2	0.384						4.17	7.53					
07/09/12		0.401	ND	870	14	5.3	ND	2.61	7.74	ND				
07/10/12		0.481						2.05	7.99					
07/11/12		0.468						3.71	7.94					
07/12/12		0.346						3.49	7.90					
07/13/12		0.395						2.51	7.92					
07/14/12		0.236						1.82	7.54					
07/15/12	3	0.315						1.46	7.66					
07/16/12		0.444	ND	970	13	2.2	ND	1.51	7.99	ND				
07/17/12		0.320						1.50	7.70					
07/18/12		0.153						1.89	8.06					
07/19/12		0.460						2.28	7.99					
07/20/12		0.301						1.79	7.95					
07/21/12		0.225						2.04	7.68					
07/22/12	4	0.325						2.62	7.58					
07/23/12		0.458	ND	930	14	2.7	ND	2.51	7.93	ND				
07/24/12		0.277						1.99	7.88					
07/25/12		0.327						1.67	7.95					
07/26/12		0.273						1.73	7.91					
07/27/12		0.321						2.57	7.92					
07/28/12		0.195						1.78	7.52					
07/29/12	5	0.302						4.73	7.53					
07/30/12		0.490	ND	940	14	ND	ND	2.29	7.85	ND				
07/31/12		0.099						4.07	7.97					
High		----	0	970	15	5.3		6.20	----	ND		----	----	----
Low		----	0	870	13	2.2		1.14	----	ND		----	----	----
Monthly Avg.		0.357			----		----	----	----	----		----	----	----
Monthly Total in MG		11.069												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
08/01/12		0.471						3.68	7.88					
08/02/12		0.250						3.20	7.93					
08/03/12		0.258						2.20	7.91					
08/04/12		0.220						1.69	7.55					
08/05/12	1	0.253						1.33	7.63					
08/06/12		0.239	ND	920	15	2.5	ND	2.38	7.94	ND				
08/07/12		0.359						1.73	7.98					
08/08/12		0.410						1.96	7.98					
08/09/12		0.288						2.32	7.99					
08/10/12		0.178						1.75	8.02					
08/11/12		0.197						1.40	7.47					
08/12/12	2	0.419						1.49	7.69					
08/13/12		0.410	ND	920	15	ND	ND	1.43	7.94	ND				
08/14/12		0.200						8.70	8.03					
08/15/12		0.473						2.20	7.99					
08/16/12		0.258						4.76	7.96					
08/17/12		0.277						6.55	7.88					
08/18/12		0.153						7.69	7.50					
08/19/12	3	0.232						4.27	7.56					
08/20/12		0.353	ND	930	14	5	ND	8.46	7.77	ND				
08/21/12		0.382						5.59	7.91					
08/22/12		0.254						2.70	7.87					
08/23/12		0.002						3.99	7.88					
08/24/12		0.359						3.49	7.96					
08/25/12		0.006						2.73						
08/26/12	4	0.002						2.67						
08/27/12		0.182	ND	940	14	4.8	ND	2.29	7.82	ND				
08/28/12		0.666						2.23	7.95					
08/29/12		0.151						2.11	7.87					
08/30/12		0.001						1.34	7.85					
08/31/12		0.001						0.84	7.79					
High		----	0	940	15	5		8.70	----	2.1		----	----	----
Low		----	0	920	14	2.5		0.84	----	2.1		----	----	----
Monthly Avg.		0.272			----		----	----	----	----		----	----	----
Monthly Total in MG		7.904												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
09/01/12	1	0.477						1.21	7.51					
09/02/12		0.001						0.98						
09/03/12		0.001						0.80						
09/04/12		0.948	ND	950	20	1.2	ND	1.83	7.95	ND				
09/05/12		0.159						4.71	7.88					
09/06/12	2	0.003						4.67	7.88					
09/07/12		0.246						4.89	7.83					
09/08/12		0.358						4.01	7.60					
09/09/12		0.001						2.66						
09/10/12		0.368	ND	940	16	1.5	ND	1.72	7.79	ND				
09/11/12	3	0.428						2.73	7.92					
09/12/12		0.174						2.20	7.90					
09/13/12		0.309						2.96	7.97					
09/14/12		0.150						3.44	7.84					
09/15/12		0.001						3.10						
09/16/12	4	0.001						2.36						
09/17/12		0.613	ND	990	15	5.9	ND	2.46	7.87	ND				
09/18/12		0.254						1.39	7.94					
09/19/12		0.002						1.49	7.94					
09/20/12		0.000						1.44	7.94					
09/21/12	5	0.000						1.44	7.89					
09/22/12		0.000						1.44						
09/23/12		0.000						1.44						
09/24/12		0.000	ND	950	13	2.1	ND	1.44	7.80	ND				
09/25/12		0.000						1.44	7.98					
09/26/12		0.000						1.44	7.96					
09/27/12		0.000						1.44	8.00					
09/28/12		0.231						5.29	7.94					
09/29/12		0.902						1.64	7.57					
09/30/12		0.332						0.85	7.68					
High		----	0	990	20	5.9		5.29	----	ND		----	----	----
Low		----	0	940	13	1.2		0.80	----	ND		----	----	----
Monthly Avg.		0.199					----	----	----	----		----	----	----
Monthly Total in MG		5.962												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										4th Quarter 2012				
Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
10/01/12	1	0.294	ND	1000	15	1.4	ND	1.28	7.84	ND				
10/02/12		0.330						0.86	8.02					
10/03/12		0.136						9.01	8.07					
10/04/12		0.174						1.18	8.01					
10/05/12		0.002						0.82	7.97					
10/06/12		0.001						0.93						
10/07/12		0.001						1.42						
10/08/12	2	0.265	ND	1100	13	ND	ND	1.79	7.92	ND				
10/09/12		0.436						3.71	8.11					
10/10/12		0.142						1.99	8.11					
10/11/12		0.180						1.81	8.03					
10/12/12		0.001						1.40	7.90					
10/13/12		0.001						0.96						
10/14/12		0.002						1.70						
10/15/12	3	0.278	ND	1000	14	1.6	ND	1.73	7.94	ND				
10/16/12		0.483						1.83	8.02					
10/17/12		0.309						1.69	7.89					
10/18/12		0.144						1.91	7.95					
10/19/12		0.093						1.85	7.97					
10/20/12		0.001						1.57						
10/21/12		0.001						1.16						
10/22/12	4	0.579	ND	1000	15	1.4	ND	2.08	7.93	ND				
10/23/12		0.608						2.32	7.98					
10/24/12		0.465						2.24	7.92					
10/25/12		0.322						2.15	7.93					
10/26/12		0.178						2.07	7.92					
10/27/12		0.040						1.95						
10/28/12		0.001						1.57						
10/29/12	5	0.294	ND	1100	15	ND	ND	1.76	7.81	ND				
10/30/12		0.448						1.87	7.96					
10/31/12		0.250						1.90	7.82					
High		----	0	1100	15	1.6		9.01	----	ND		----	----	----
Low		----	0	1000	13	1.4		0.82	----	ND		----	----	----
Monthly Avg.		0.208			----		----	----	----	----		----	----	----
Monthly Total in MG		6.459												

Place ID 273205 4th C

4th Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 4A	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40.00	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
12/01/12	1	0.001						0.70						
12/02/12		0.002						1.22						
12/03/12		0.002						1.45	8.02					
12/04/12		0.002						1.30	8.06					
12/05/12		0.001	ND	790	14	ND	ND	1.26	8.08	ND				
12/06/12	2	1.019						2.56	8.12					
12/07/12		2.081						2.31	8.07					
12/08/12		0.566						1.98						
12/09/12		0.615						3.12						
12/10/12		1.006	ND	1100	12	1	ND	3.80	8.14	ND				
12/11/12	3	1.871						1.41	8.09					
12/12/12		2.023						1.21	8.11					
12/13/12		0.728						1.54	8.02					
12/14/12		1.450						1.47	8.08					
12/15/12		0.167												
12/16/12	4	0.635												
12/17/12		0.907	ND	1200	11	0	ND	1.39	8.12	ND				
12/18/12		1.382						3.37	8.12					
12/19/12		1.787						5.34	8.11					
12/20/12		2.195												
12/21/12	5	1.972												
12/22/12		0.001												
12/23/12		0.001												
12/24/12		0.406						4.98						
12/25/12		0.001												
12/26/12	6	0.570	ND	900	10	32	ND	44.00	8.56	ND	ND	ND	100	Toxicity sample on 1/3/2013
12/27/12		0.319												
12/28/12		1.422						5.70						
12/29/12		2.187						3.72						
12/30/12		2.147						3.70						
12/31/12		2.198						3.30						
High		----	0	1200	14	32		44.00	----	ND		----	----	----
Low		----	0	790	10	0		0.70	----	ND		----	----	----
Monthly Avg.		0.957			----		----	----	----	----		----	----	----
Monthly Total in MG		29.661												

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Pond 9

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										1st Quarter 2012				
Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
01/01/12	1	0												
01/02/12		0												
01/03/12		0												
01/04/12		0												
01/05/12		0												
01/06/12		0												
01/07/12		0												
01/08/12	2	0												
01/09/12		0												
01/10/12		0.007	ND	980	70	ND	ND	2.3	7.7	ND	0.95	3.31		
01/11/12		0												
01/12/12		0.007						7.39	7.38					
01/13/12		0												
01/14/12		0												
01/15/12	3	0												
01/16/12		0												
01/17/12		0												
01/18/12		0												
01/19/12		0												
01/20/12		0.007						8.17	7.38					
01/21/12		0												
01/22/12	4	0												
01/23/12		0.007	0.2	440	21	110	ND	223	7.99	ND				
01/24/12		0												
01/25/12		0												
01/26/12		0												
01/27/12		0												
01/28/12		0												
01/29/12	5	0												
01/30/12		0.007	ND	830	47	1	ND	18.2	7.26	ND				
01/31/12		0												
Monthly Avg.		0.001	ND		----	55.500	----	----	----	----		----	----	----
Average Week 1			ND											
Average Week 2			ND			ND								
Average Week 3			ND			ND								
Average Week 4			0.200			110.000								
Average Week 5			ND			1.000								
Monthly Total in MG		0.04												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
02/01/12		0												
02/02/12		0												
02/03/12		0												
02/04/12		0												
02/05/12	1	0												
02/06/12		0.007	ND	960	57	2.2	ND	7.45	7.43	ND				
02/07/12		0												
02/08/12		0												
02/09/12		0												
02/10/12		0												
02/11/12		0												
02/12/12	2	0												
02/13/12		0.007	ND	930	59	7.5	ND	19	7.43	ND				
02/14/12		0	ND	780	41	3.9		8.3		2	1	2.66		
02/15/12		0												
02/16/12		0												
02/17/12		0												
02/18/12		0												
02/19/12	3	0												
02/20/12		0												
02/21/12		0.007	ND	840	52	ND	ND	1.1	7.41	ND				
02/22/12		0												
02/23/12		0												
02/24/12		0												
02/25/12		0												
02/26/12	4	0												
02/27/12		0.007	ND	1000	59	1.8	ND	1.6	7.72	ND				
02/28/12		0												
02/29/12		0												
	5	0												
		0												
High		----	ND	1000	59	7.5		19	----	2		----	----	----
Low		----	ND	780	41	1.8		1.1	----	2		----	----	----
Average Week 1			ND			2.2								
Average Week 2			ND			5.7								
Average Week 3			ND			ND								
Average Week 4			ND			1.8								
Monthly Avg.		0.007	ND		----		----	----	----	----		----	----	----
Monthly Total in MG		0.03												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
03/01/12		0												
03/02/12		0												
03/03/12		0												
03/04/12	1	0												
03/05/12		0.007	ND	840	49	1.4	ND	1.7	7.44	ND				
03/06/12		0	ND	1000	51	ND		1.8		ND	ND	1.69		
03/07/12		0												
03/08/12		0												
03/09/12		0												
03/10/12		0												
03/11/12	2	0												
03/12/12		0.007	ND	1000	57	ND	ND	1.2	7.54	ND			100	
03/13/12		0												
03/14/12		0.007	ND	780	49	5.7	ND	12	7.74	ND				
03/15/12		0												
03/16/12		0												
03/17/12		0												
03/18/12	3	0												
03/19/12		0.3456	ND	640	110	5.5	ND	18	8.18	ND				
03/20/12		0.5184												
03/21/12		0.5184												
03/22/12		0.5184												
03/23/12		0.5184												
03/24/12		0.5184												
03/25/12	4	0.5184												
03/26/12		0.5184	ND	630	83	7.2	ND	4	8.16	ND				
03/27/12		0.5184												
03/28/12		0.5184												
03/29/12		0.5184						91.3	8.7					
03/30/12		0.5184						70.5	8.25					
03/31/12		0.5184						18.6	7.95					
High		----	ND	1000	110	7.2		91.3	----	ND		----	----	----
Low		----	ND	630	49	1.4		1.2	----	ND		----	----	----
Average Week 1			ND			1.4								
Average Week 2			ND			5.7								
Average Week 3			ND			5.5								
Average Week 4			ND			7.2								
Monthly Avg.		0.412	ND		----		----	----	----	----		----	----	----
Monthly Total in MG		6.59												

Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

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Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
05/01/12		0.385						8.62	7.86					
05/02/12		0.385						8.09	7.92					
05/03/12		0.385						6.88	8.24					
05/04/12		0.385						7.80	8.34					
05/05/12		0.385												
05/06/12	1	0.385												
05/07/12		0.385	ND	870	75	14	ND	27.40	7.46	ND				
05/08/12		0.385						15.70	7.90					
05/09/12		0.385						22.90	8.22					
05/10/12		0.385						9.05	8.41					
05/11/12		0.385						8.52	8.49					
05/12/12		0.385												
05/13/12	2	0.385												
05/14/12		0.385	ND	970	76	4.8	ND	15.00	7.45	ND				
05/15/12		0.013						5.07	7.39					
05/16/12		0.013						9.44	7.37					
05/17/12		0.013						7.68	7.37					
05/18/12		0.013						8.87	7.35					
05/19/12		0.013												
05/20/12	3	0.013												
05/21/12		0.012	ND	1000	59	1.7	ND	17.60	7.44	ND				
05/22/12		0.012						11.30	7.37		0.89	4.91		
05/23/12		0.012						18.20	7.48					
05/24/12		0.012						6.86	7.45					
05/25/12		0.012						12.50	7.69					
05/26/12		0.012												
05/27/12	4	0.012												
05/28/12		0.012												
05/29/12		0.012	ND	1000	55	ND	ND	8.35	7.59	ND				
05/30/12		0.013						11.40	7.59					
05/31/12		0.013						16.50	7.60					
High		----	0	1000	76	14		27.4	----	2		----	----	----
Low		----	0	870	55	1.7		5.07	----	2		----	----	----
Monthly Avg.		0.198			----		----	----	----	----		----	----	----
Monthly Total in MG		5.600												

Place ID 273205 2nd

2nd Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
08/01/12		0.385						4.65	7.60					
08/02/12		0.385						4.83	7.64					
08/03/12		0.385						6.52	7.59					
08/04/12		0.000												
08/05/12	1	0.000												
08/06/12		0.385	ND	1200.00	57.00	5.20	ND	7.87	7.63	ND				
08/07/12		0.385						4.04	7.59					
08/08/12		0.385						5.67	7.61					
08/09/12		0.385						4.53	7.57					
08/10/12		0.385						4.70	7.61					
08/11/12		0.000												
08/12/12	2	0.000												
08/13/12		0.385	ND	1200.00	57.00	ND	ND	3.80	7.67	ND				
08/14/12		0.385						5.00	7.61					
08/15/12		0.013						5.00	7.54					
08/16/12		0.013						4.18	7.51					
08/17/12		0.013						3.75	7.50					
08/18/12		0.000												
08/19/12	3	0.000												
08/20/12		0.013	ND	1200.00	56.00	4.70	ND	18.50	7.49	ND				
08/21/12		0.012						11.10	7.44					
08/22/12		0.012						5.94	7.54					
08/23/12		0.012						5.25	7.48					
08/24/12		0.012						13.90	7.47					
08/25/12		0.000												
08/26/12	4	0.000												
08/27/12		0.012	ND	1200.00	58.00	14.00	ND	16.90	7.56	ND				
08/28/12		0.012						5.16	7.48					
08/29/12		0.012						7.35	7.44					
08/30/12		0.013						7.37	7.43					
08/31/12		0.013						3.64	7.42					
High		----	0	1200	58	14		18.5	----	2		----	----	----
Low		----	0	1200	56	4.7		3.64	----	2		----	----	----
Monthly Avg.		0.198			----		----	----	----	----		----	----	----
Monthly Total in MG		4.010												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations	
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)		
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----		
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----		
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----		
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----		
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year		
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily	
09/01/12	1	0.000													
09/02/12		0.000													
09/03/12		0.000													
09/04/12		0.014	ND	1100.00	53.00	2.50	ND	10.40	7.51	ND					
09/05/12		0.014						7.37	7.42						
09/06/12	2	0.014						8.13	7.38						
09/07/12		0.014						23.20	8.56						
09/08/12		0.000													
09/09/12		0.000													
09/10/12		0.014	ND	1100.00	61.00	1.70	ND	6.19	7.55	ND					
09/11/12	3	0.022						23.10	8.66						
09/12/12		0.022						23.00	8.81						
09/13/12		0.022						23.20	8.92						
09/14/12		0.022						15.00	8.65						
09/15/12		0.000													
09/16/12	4	0.000													
09/17/12		0.022	ND	1100.00	65.00	3.80	ND	8.07	7.37	ND					
09/18/12		0.014						19.50	8.25						
09/19/12		0.014						23.00	8.27						
09/20/12		0.014						19.10	8.31						
09/21/12	5	0.014						22.60	8.48						
09/22/12		0.000													
09/23/12		0.000													
09/24/12		0.014	ND	1000.00	65.00	13.00	ND	15.90	7.36	ND					
09/25/12		0.012						24.10	8.44						
09/26/12		0.012						22.30	8.69						
09/27/12		0.012						37.20	8.77						
09/28/12		0.012						20.50	8.72						
09/29/12		0.000													
09/30/12		0.000													
High			----	0	1100	65	13		37.2	----	ND		----	----	----
Low			----	0	1000	53	1.7		6.19	----	ND		----	----	----
Monthly Avg.			0.011			----		----	----	----	----		----	----	----
Monthly Total in MG		0.298													

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(mL/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
07/01/12	1	0.000												
07/02/12		0.003	0.4	680	78	250	ND	392.00	7.99	ND				
07/03/12		0.003						25.80	8.06					
07/04/12		0.000												
07/05/12		0.003						17.10	8.17					
07/06/12		0.003						98.40	8.05					
07/07/12		0.000												
07/08/12	2	0.000												
07/09/12		0.003	ND	650	73	70	ND	108.00	7.99	ND				
07/10/12		0.000												
07/11/12		0.000												
07/12/12		0.000												
07/13/12		0.000												
07/14/12		0.000												
07/15/12	3	0.000												
07/16/12		0.000												
07/17/12		0.003						6.51	8.02					
07/18/12		0.000												
07/19/12		0.003						273.00	8.00					
07/20/12		0.003						241.00	7.92					
07/21/12		0.000												
07/22/12	4	0.000												
07/23/12		0.000												
07/24/12		0.000												
07/25/12		0.003						374.00	8.06					
07/26/12		0.003						17.20	8.10					
07/27/12		0.003						16.40	8.11					
07/28/12		0.000												
07/29/12	5	0.000												
07/30/12		0.000												
07/31/12		0.003						13.80	8.18					
High		----	0.4	680	78	250		392	----	ND		----	----	----
Low		----	0.4	650	73	70		6.51	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.035												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										4th Quarter 2012				
Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
10/01/12	1	0.000	ND	1000.00	61.00	8.10	ND	17.90	7.32	ND				
10/02/12		0.249						17.40	8.71					
10/03/12		0.249						49.20	8.79					
10/04/12		0.000						25.50	9.26					
10/05/12		0.249						33.60	9.30					
10/06/12		0.533												
10/07/12		0.000												
10/08/12	2	0.000	ND	560.00	110.00	14.00	ND	27.80	9.19	ND				
10/09/12		0.533						26.70	9.27					
10/10/12		0.533						11.00	8.62					
10/11/12		0.533						18.90	8.54					
10/12/12		0.533						30.80	8.40					
10/13/12		0.278						8.58	9.14					
10/14/12		0.000						7.55	9.23					
10/15/12	3	0.000	ND	630.00	110.00	18.00	ND	25.90	8.53	ND				
10/16/12		0.278						12.80	8.61					
10/17/12		0.278						10.90	8.38					
10/18/12		0.278						9.12	8.26					
10/19/12		0.278						12.20	8.73					
10/20/12		0.524												
10/21/12		0.000												
10/22/12	4	0.000	0.10	540.00	120.00	120.00	ND	220.00	9.03	ND				
10/23/12		0.524						149.00	7.47					
10/24/12		0.524							7.46					No turbidity
10/25/12		0.524							7.42					No turbidity
10/26/12		0.524							7.57					No turbidity
10/27/12		0.524												
10/28/12		0.000												
10/29/12	5	0.000	0.10	1100.00	72.00	30.00	ND	29.00	8.77	ND				
10/30/12		0.524							8.73					No turbidity
10/31/12		0.524							8.77					No turbidity
High		----	0.1	1100	120	120		220	----	ND		----	----	----
Low		----	0.1	540	61	8.1		7.55	----	ND		----	----	----
Monthly Avg.		0.528			----		----	----	----	----		----	----	----
Monthly Total in MG		8.994												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
11/01/12		0.145							8.66					No turbidity
11/02/12		0.084							8.56					No turbidity
11/03/12		0.000												
11/04/12		0.000												
11/05/12	1	0.145							7.66					No turbidity
11/06/12		0.261	ND	950.00	68.00	3.90	ND	5.60	7.90	ND				
11/07/12		0.261							8.60					No turbidity
11/08/12		0.261						19.20	8.51					
11/09/12		0.152						23.40	8.68					
11/10/12		0.000												
11/11/12		0.000												
11/12/12	2	0.446	ND	1000.00	77.00	6.20	ND	10.00	7.25	ND				
11/13/12		0.446						17.20	7.57					
11/14/12		0.446						13.30	8.44					
11/15/12		0.446						21.00	8.68					
11/16/12		0.446						14.10	8.67					
11/17/12		0.446						173.00	8.59					
11/18/12		0.446						146.00	8.74					
11/19/12	3	0.446	ND	560.00	100.00	26.00	ND	69.70	7.75	ND				
11/20/12		0.446						35.90	8.64					
11/21/12		0.347						236.00	8.40					
11/22/12		0.347						30.50	8.50					
11/23/12		0.347						37.40	8.60					
11/24/12		0.347						31.00	8.41					
11/25/12		0.347						36.70	8.54					
11/26/12	4	0.347	ND	600.00	100.00	14.00	ND	27.60	8.10	ND				
11/27/12		0.347						17.60	7.75					
11/28/12		0.347						15.10	7.56					
11/29/12		0.347						15.60	7.65					
11/30/12		0.347						926.00	8.10					
High		----	0	1000	100	26		926	----	2		----	----	----
Low		----	0	560	68	3.9		5.6	----	2		----	----	----
Monthly Avg.		0.350			----		----	----	----	----		----	----	----
Monthly Total in MG		8.795												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 9	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
12/01/12	1	0.000												
12/02/12		0.000												
12/03/12		0.347	ND	950.00	*	16.00	ND	173.00	7.89	ND				
12/04/12		0.347						125.00	8.10					
12/05/12		0.347						326.00	8.54					
12/06/12	2	0.347						184.00	8.60					
12/07/12		0.203						42.80	8.40					
12/08/12		0.000												
12/09/12		0.000												
12/10/12		0.347	ND	1100.00	43.00	4.70	ND	10.00	7.58	ND				
12/11/12	3	0.174						21.80	7.50					
12/12/12		0.000												
12/13/12		0.000												
12/14/12		0.000												
12/15/12		0.000												
12/16/12	4	0.000												
12/17/12		0.347	ND	1100.00	42.00	0.00	ND	71.00	7.76	ND				
12/18/12		0.347						39.20	8.26					
12/19/12		0.347						42.00	8.10					
12/20/12		0.347						49.20	8.50					
12/21/12	5	0.203						38.70	8.29					
12/22/12		0.000												
12/23/12		0.000												
12/24/12		0.000												
12/25/12		0.000												
12/26/12	6	0.347	ND	620.00	96.00	54.00	ND	96.00	8.34	ND			100	Toxicity sample on 1/3/2013
12/27/12		0.347						76.40	8.10					
12/28/12		0.203						69.10	8.43					
12/29/12		0.000												
12/30/12		0.000												
12/31/12		0												
High		----	0	1100	96	54		326	----	ND		----	----	----
Low		----	0	620	42	0		10	----	ND		----	----	----
Monthly Avg.		0.134			----		----	----	----	----		----	----	----
Monthly Total in MG		4.600												

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Pond 13B

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										1st Quarter 2012				
Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
01/01/12	1													
01/02/12														
01/03/12														
01/04/12														
01/05/12														
01/06/12														
01/07/12														
01/08/12	2													
01/09/12														
01/10/12														
01/11/12														
01/12/12														
01/13/12														
01/14/12														
01/15/12	3													
01/16/12														
01/17/12														
01/18/12														
01/19/12														
01/20/12														
01/21/12														
01/22/12	4													
01/23/12			0.1	480	18	120	ND			ND				
01/24/12														
01/25/12														
01/26/12														
01/27/12														
01/28/12														
01/29/12	5													
01/30/12														
01/31/12														
Monthly Avg.					----	120.000	----	----	----	----		----	----	----
Average Week 1														
Average Week 2														
Average Week 3														
Average Week 4						120.000								
Average Week 5														
Monthly Total in MG		N/A												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
02/01/12														
02/02/12														
02/03/12														
02/04/12	1													
02/05/12														
02/06/12														
02/07/12														
02/08/12														
02/09/12														
02/10/12														
02/11/12	2													
02/12/12														
02/13/12														
02/14/12		0.0864	ND	690	33	38			8.07	1.7				
02/15/12														
02/16/12														
02/17/12														
02/18/12														
02/19/12	3													
02/20/12														
02/21/12														
02/22/12														
02/23/12														
02/24/12														
02/25/12														
02/26/12	4													
02/27/12														
02/28/12														
02/29/12														
	5													
High		----	ND	690	33	38			----	1.7		----	----	----
Low		----	ND	690	33	38			----	1.7		----	----	----
Monthly Avg.			ND			38	----	----	----	----		----	----	----
Monthly Total in MG		0.09												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
03/01/12														
03/02/12														
03/03/12														
03/04/12	1													
03/05/12														
03/06/12														
03/07/12														
03/08/12														
03/09/12														
03/10/12														
03/11/12	2													
03/12/12														
03/13/12														
03/14/12														
03/15/12														
03/16/12														
03/17/12														
03/18/12	3													
03/19/12														
03/20/12														
03/21/12														
03/22/12														
03/23/12														
03/24/12														
03/25/12	4													
03/26/12			0.1	420	17	45	ND			ND				
03/27/12														
03/28/12														
03/29/12														
03/30/12														
03/31/12														
High		----	0.1	420	17	45		0	----	ND		----	----	----
Low		----	0.1	420	17	45		0	----	ND		----	----	----
Monthly Avg.			0.10			45.00	----	----	----	----		----	----	----
Monthly Total in MG		N/A												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										2nd Quarter 2012				
Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
04/01/12	1	0.00												
04/02/12		0.00	ND	640	25	32	ND	45.10	7.64	ND				
04/03/12		0.00												
04/04/12		0.00						262.00	8.24					
04/05/12		0.00												
04/06/12		0.00												
04/07/12		0.00												
04/08/12	2	0.00												
04/09/12		0.00	ND	1000	41	12	ND	35.70	8.15	ND				
04/10/12		0.00						43.70	8.08					
04/11/12		0.00						23.30	8.20					
04/12/12		0.00						83.50	7.99					
04/13/12		0.00						239.00	8.15					
04/14/12		0.00												
04/15/12	3	0.00												
04/16/12		0.00	ND	860	30	16	ND	24.60	8.00	ND				
04/17/12		0.00						23.40	7.05					
04/18/12		0.00						12.80	8.38					
04/19/12		0.00						11.70	8.30					
04/20/12		0.00						10.50	8.26					
04/21/12		0.00												
04/22/12	4	0.00												
04/23/12		0.00	ND	940	40	3.9	ND	6.96	7.56	ND				
04/24/12		0.00						8.76	8.49					
04/25/12		0.00						5.03	7.94					
04/26/12		0.00						6.58	8.12					
04/27/12		0.00						22.90	8.00					
04/28/12		0.00												
04/29/12	5	0.00												
04/30/12		0.00	ND	1000	45	3.8	ND	7.23	7.98	ND				
High		----	0	1000	45	32		262	----	ND		----	----	----
Low		----	0	640	25	3.8		5.03	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.000												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
05/01/12		0.000						13.6	7.98					
05/02/12		0.000						7.02	7.96					
05/03/12		0.000						10.5	7.98					
05/04/12		0.000						12.9	8.12					
05/05/12		0.000												
05/06/12	1	0.000												
05/07/12		0.000	0.5	760	70	140	ND	166	8.24	ND				
05/08/12		0.000						42	7.91					
05/09/12		0.000						25.2	7.96					
05/10/12		0.000						9.68	8.09					
05/11/12		0.000						9.1	8.22					
05/12/12		0.000												
05/13/12	2	0.000												
05/14/12		0.003	ND	1100	46	5.2	ND	14.7	8.19	ND				
05/15/12		0.003						16.7	7.91					
05/16/12		0.003						27	8.10					
05/17/12		0.003						66.7	8.24					
05/18/12		0.003						14	8.18					
05/19/12		0.003												
05/20/12	3	0.003												
05/21/12		0.003	0.2	1100	45	23	ND	27.2	8.22	ND				
05/22/12		0.003						194	7.69					
05/23/12		0.003						98.1	8.09					
05/24/12		0.003						15.5	8.11					
05/25/12		0.003												
05/26/12		0.003												
05/27/12	4	0.003												
05/28/12		0.003												
05/29/12		0.003	0.1	1100	47	18	ND	21.5	8.22	ND				
05/30/12		0.003						17	8.12					
05/31/12		0.003						172	8.11					
High		----	0.5	1100	70	140		194	----	ND		----	----	----
Low		----	0.1	760	45	5.2		7.02	----	ND		----	----	----
Weekly Avg Week 5						#DIV/0!								
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.052												

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2nd Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(mL/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
07/01/12	1	0.000												
07/02/12		0.003	0.4	680	78	250	ND	392.00	7.99	ND				
07/03/12		0.003						25.80	8.06					
07/04/12		0.000												
07/05/12		0.003						17.10	8.17					
07/06/12		0.003						98.40	8.05					
07/07/12		0.000												
07/08/12	2	0.000												
07/09/12		0.003	ND	650	73	70	ND	108.00	7.99	ND				
07/10/12		0.000												
07/11/12		0.000												
07/12/12		0.000												
07/13/12		0.000												
07/14/12		0.000												
07/15/12	3	0.000												
07/16/12		0.000												
07/17/12		0.003						6.51	8.02					
07/18/12		0.000												
07/19/12		0.003						273.00	8.00					
07/20/12		0.003						241.00	7.92					
07/21/12		0.000												
07/22/12	4	0.000												
07/23/12		0.000												
07/24/12		0.000												
07/25/12		0.003						374.00	8.06					
07/26/12		0.003						17.20	8.10					
07/27/12		0.003						16.40	8.11					
07/28/12		0.000												
07/29/12	5	0.000												
07/30/12		0.000												
07/31/12		0.003						13.80	8.18					
High		----	0.4	680	78	250		392	----	ND		----	----	----
Low		----	0.4	650	73	70		6.51	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.035												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
08/01/12		0.003						7.85	8.17					
08/02/12		0.000												
08/03/12		0.003						12.3	8.20					
08/04/12		0.000												
08/05/12	1	0.000												
08/06/12		0.000												
08/07/12		0.000												
08/08/12		0.000												
08/09/12		0.000												
08/10/12		0.000												
08/11/12		0.000												
08/12/12	2	0.000												
08/13/12		0.003	0.1	790	81	160	ND	258	8.06	ND				
08/14/12		0.000												
08/15/12		0.000												
08/16/12		0.000												
08/17/12		0.000												
08/18/12		0.000												
08/19/12	3	0.000												
08/20/12		0.003	0.3	610	80	170	ND	302	8.03	ND				
08/21/12		0.003						239	8.03					
08/22/12		0.003						38.6	7.93					
08/23/12		0.003						18.1	8.11					
08/24/12		0.003						223	7.98					
08/25/12		0.000												
08/26/12	4	0.000												
08/27/12		0.003	ND	1200	57	8.5	ND	12.4	8.11	ND				
08/28/12		0.003						8.62	8.22					
08/29/12		0.003						73	8.01					
08/30/12		0.003						78.1	7.98					
08/31/12		0.003						139	8.02					
High		----	0.3	1200	81	170		302	----	ND		----	----	----
Low		----	0.1	610	57	8.5		7.85	----	ND		----	----	----
Weekly Avg Week 5						#DIV/0!								
Monthly Avg.														
Monthly Total in MG		0.037												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

<u>Pond 13B</u>	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
09/01/12	1	0.000												
09/02/12		0.000												
09/03/12		0.000												
09/04/12		0.000												
09/05/12		0.000												
09/06/12	2	0.000												
09/07/12		0.000												
09/08/12		0.000												
09/09/12		0.000												
09/10/12		0.000												
09/11/12	3	0.000												
09/12/12		0.000												
09/13/12		0.000												
09/14/12		0.000												
09/15/12		0.000												
09/16/12	4	0.000												
09/17/12		0.000												
09/18/12		0.000												
09/19/12		0.001						105	8.04					
09/20/12		0.001						14	8.09					
09/21/12	5	0.001						9.26	8.14					
09/22/12		0.000												
09/23/12		0.000												
09/24/12		0.000												
09/25/12		0.000												
09/26/12		0.000												
09/27/12		0.000												
09/28/12		0.001						16.5	8.12					
09/29/12		0.000												
09/30/12		0.000												
High		----	0	0	0	0		105	----	ND		----	----	----
Low		----	0	0	0	0		9.26	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.006												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(mL/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
10/01/12	1	0.003												
10/02/12		0.003												
10/03/12		0.003						162.00	7.67					
10/04/12		0.003												
10/05/12		0.003												
10/06/12		0.003												
10/07/12		0.003												
10/08/12	2	0.003												
10/09/12		0.003												
10/10/12		0.003						179.00	7.90					
10/11/12		0.003												
10/12/12		0.003												
10/13/12		0.003												
10/14/12		0.003												
10/15/12	3	0.000												
10/16/12		0.000												
10/17/12		0.000												
10/18/12		0.000												
10/19/12		0.000												
10/20/12		0.000												
10/21/12		0.000												
10/22/12	4	0.007	0.8	1500	54	160	ND	460.00	8.14	ND				
10/23/12		0.007												
10/24/12		0.000												
10/25/12		0.000												
10/26/12		0.000												
10/27/12		0.000												
10/28/12		0.000												
10/29/12	5	0.000												
10/30/12		0.000												
10/31/12		0.000												
High		----	0.8	1500	54	160		460	----	ND		----	----	----
Low		----	0.8	1500	54	160		162	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.055												

Place ID 273205 4th C

4th Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 13B	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
12/01/12	1	0.003												
12/02/12		0.072												
12/03/12		0.007												
12/04/12		0.007												
12/05/12	2	0.072	ND	780	30	120	ND	268	7.81	ND				
12/06/12		0.000												
12/07/12		0.000												
12/08/12		0.003												
12/09/12		0.003												
12/10/12		0.003	ND	1300	*	56	ND	*	8.13	ND				
12/11/12		0.003												
12/12/12		0.003												
12/13/12	3	0.003												
12/14/12		0.003												
12/15/12		0.003												
12/16/12		0.003												
12/17/12		0.007	ND	920	*	150	ND	*	7.93	ND				
12/18/12		0.007												
12/19/12		0.007												
12/20/12		0.007												
12/21/12	4	0.007												
12/22/12		0.072												
12/23/12		0.072												
12/24/12		0.072												
12/25/12		0.072												
12/26/12		0.072	ND	860	*	82	ND	*	8.22	ND			100	Toxicity sample on 1/3/2013
12/27/12		0.072												
12/28/12		0.014												
12/29/12	5	0.014												
12/30/12		0.007												
12/31/12														
High		----	0	1300	30	150		268	----	ND		----	----	----
Low		----	0	780	30	56		268	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.691												

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Pond 17

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										1st Quarter 2012				
Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
01/01/12	1													No sample for the month
01/02/12														
01/03/12														
01/04/12														
01/05/12														
01/06/12			NO DISCHARGE IN MONTH											
01/07/12														
01/08/12	2													
01/09/12														
01/10/12														
01/11/12														
01/12/12														
01/13/12														
01/14/12														
01/15/12	3													
01/16/12														
01/17/12														
01/18/12														
01/19/12														
01/20/12														
01/21/12														
01/22/12	4													
01/23/12														
01/24/12														
01/25/12														
01/26/12														
01/27/12														
01/28/12														
01/29/12	5													
01/30/12														
01/31/12														
Monthly Avg.					----		----	----	----	----		----	----	----
Average Week 1														
Average Week 2														
Average Week 3														
Average Week 4														
Average Week 5														
Monthly Total in MG		N/A												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
02/01/12														No sample for the month
02/02/12														
02/03/12														
02/04/12														
02/05/12	1													
02/06/12														
02/07/12														
02/08/12														
02/09/12				NO DISCHARGE IN MONTH										
02/10/12														
02/11/12														
02/12/12	2													
02/13/12														
02/14/12														
02/15/12														
02/16/12														
02/17/12														
02/18/12														
02/19/12	3													
02/20/12														
02/21/12														
02/22/12														
02/23/12														
02/24/12														
02/25/12														
02/26/12	4													
02/27/12														
02/28/12														
02/29/12														
	5													
High		----	0	0	0	0		0	----			----	----	----
Low		----	0	0	0	0		0	----			----	----	----
Monthly Avg.							----	----	----	----		----	----	----
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
03/01/12														No sample for the month
03/02/12														
03/03/12														
03/04/12	1													
03/05/12														
03/06/12														
03/07/12														
03/08/12														
03/09/12														
03/10/12														
03/11/12	2													
03/12/12														
03/13/12														
03/14/12														
03/15/12														
03/16/12				NO DISCHARGE IN MONTH										
03/17/12														
03/18/12	3													
03/19/12														
03/20/12														
03/21/12														
03/22/12														
03/23/12														
03/24/12														
03/25/12	4													
03/26/12														
03/27/12														
03/28/12														
03/29/12														
03/30/12														
03/31/12														
High		----	0	0	0	0		0	----			----	----	----
Low		----	0	0	0	0		0	----			----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

[illegible]

Place ID 273205 2nd

2nd Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
06/01/12														
06/02/12														
06/03/12	1			No discharge or sample for the month.										
06/04/12														
06/05/12														
06/06/12														
06/07/12														
06/08/12														
06/09/12														
06/10/12	2													
06/11/12														
06/12/12														
06/13/12														
06/14/12														
06/15/12														
06/16/12														
06/17/12	3													
06/18/12														
06/19/12														
06/20/12														
06/21/12														
06/22/12														
06/23/12														
06/24/12	4													
06/25/12														
06/26/12														
06/27/12														
06/28/12														
06/29/12														
06/30/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
07/01/12	1													
07/02/12														
07/03/12				No discharge or sample for the month.										
07/04/12														
07/05/12														
07/06/12														
07/07/12														
07/08/12	2													
07/09/12														
07/10/12														
07/11/12														
07/12/12														
07/13/12														
07/14/12														
07/15/12	3													
07/16/12														
07/17/12														
07/18/12														
07/19/12														
07/20/12														
07/21/12														
07/22/12	4													
07/23/12														
07/24/12														
07/25/12														
07/26/12														
07/27/12														
07/28/12														
07/29/12	5													
07/30/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.00												

Place ID 273205 3rd C

3rd Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations	
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)		
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----		
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----		
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----		
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----		
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year		
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily	
09/01/12	1														
09/02/12				No discharge or sample for the month.											
09/03/12															
09/04/12															
09/05/12															
09/06/12	2														
09/07/12															
09/08/12															
09/09/12															
09/10/12															
09/11/12	3														
09/12/12															
09/13/12															
09/14/12															
09/15/12															
09/16/12	4														
09/17/12															
09/18/12															
09/19/12															
09/20/12															
09/21/12	5														
09/22/12															
09/23/12															
09/24/12															
09/25/12															
09/26/12															
09/27/12															
09/28/12															
09/29/12															
09/30/12															
High		----	0	0	0	0		0	----	ND		----	----	----	
Low		----	0	0	0	0		0	----	ND		----	----	----	
Monthly Avg.						----	----	----	----	----		----	----	----	
Monthly Total in MG		0.00													

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										4th Quarter 2012				
Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
10/01/12	1													
10/02/12														
10/03/12				No discharge or sample for the month.										
10/04/12														
10/05/12														
10/06/12														
10/07/12														
10/08/12	2													
10/09/12														
10/10/12														
10/11/12														
10/12/12														
10/13/12														
10/14/12														
10/15/12	3													
10/16/12														
10/17/12														
10/18/12														
10/19/12														
10/20/12														
10/21/12														
10/22/12	4													
10/23/12														
10/24/12														
10/25/12														
10/26/12														
10/27/12														
10/28/12														
10/29/12	5													
10/30/12														
High		----	----	----	----	----	----	----	----	----		----	----	----
Low		----	----	----	----	----	----	----	----	----		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
11/01/12														
11/02/12														
11/03/12														
11/04/12														
11/05/12	1													
11/06/12														
11/07/12														
11/08/12														
11/09/12														
11/10/12														
11/11/12														
11/12/12	2													
11/13/12														
11/14/12														
11/15/12														
11/16/12														
11/17/12														
11/18/12														
11/19/12	3													
11/20/12														
11/21/12														
11/22/12														
11/23/12														
11/24/12														
11/25/12														
11/26/12	4													
11/27/12														
11/28/12														
11/29/12														
11/30/12		0.216	0.5	460	16	140	ND	220	7.46	ND				
High		----	0.5	460	16	140	ND	220	----	ND		----	----	----
Low		----	0.5	460	16	140	ND	220	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.22												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 17	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
12/01/12	1	0.014												
12/02/12		0.108												
12/03/12		0.007	ND	550	19	5.8	ND	13	8.21	ND				
12/04/12														
12/05/12														
12/06/12	2													
12/07/12														
12/08/12														
12/09/12														
12/10/12														
12/11/12	3													
12/12/12														
12/13/12														
12/14/12														
12/15/12														
12/16/12	4													
12/17/12														
12/18/12														
12/19/12														
12/20/12														
12/21/12	5													
12/22/12														
12/23/12		0.144												
12/24/12		0.036												
12/25/12		0.007												
12/26/12		0.036	ND	360	*	13	ND		8.29	ND	ND	ND	*	Toxicity sample not taken
12/27/12		0.007												
12/28/12		0.000												
12/29/12														
12/30/12														
12/31/12														
High		0.144	0	550	19	13	ND	13	----	ND	ND	ND	----	----
Low		0	0	360	19	5.8	ND	13	----	ND	ND	ND	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.36												

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Pond 20

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205										1st Quarter 2012				
Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
01/01/12	1													
01/02/12														
01/03/12														
01/04/12														
01/05/12														
01/06/12														
01/07/12														
01/08/12	2													
01/09/12														
01/10/12														
01/11/12														
01/12/12														
01/13/12														
01/14/12														
01/15/12	3													
01/16/12														
01/17/12														
01/18/12														
01/19/12														
01/20/12														
01/21/12														
01/22/12	4													
01/23/12			0.5	700	59	200	ND			ND				
01/24/12														
01/25/12														
01/26/12														
01/27/12														
01/28/12														
01/29/12	5													
01/30/12														
01/31/12														
Monthly Avg.					----		----	----	----	----		----	----	----
Average Week 1														
Average Week 2														
Average Week 3														
Average Week 4			0.500			200.000								
Average Week 5														
Monthly Total in MG		N/A												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
02/01/12														No sample for the month
02/02/12														
02/03/12														
02/04/12														
02/05/12	1													
02/06/12														
02/07/12														
02/08/12			NO DISCHARGE IN MONTH											
02/09/12														
02/10/12														
02/11/12														
02/12/12	2													
02/13/12														
02/14/12														
02/15/12														
02/16/12														
02/17/12														
02/18/12														
02/19/12	3													
02/20/12														
02/21/12														
02/22/12														
02/23/12														
02/24/12														
02/25/12														
02/26/12	4													
02/27/12														
02/28/12														
02/29/12														
	5													
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.							----	----	----	----		----	----	----
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

1st Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
03/01/12														No sample for the month
03/02/12														
03/03/12														
03/04/12	1													
03/05/12														
03/06/12														
03/07/12														
03/08/12														
03/09/12														
03/10/12														
03/11/12	2		NO DISCHARGE IN MONTH											
03/12/12														
03/13/12														
03/14/12														
03/15/12														
03/16/12														
03/17/12														
03/18/12	3													
03/19/12														
03/20/12														
03/21/12														
03/22/12														
03/23/12														
03/24/12														
03/25/12	4													
03/26/12														
03/27/12														
03/28/12														
03/29/12														
03/30/12														
03/31/12														
High		----	0	0	0	0		0	----			----	----	----
Low		----	0	0	0	0		0	----			----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

[illegible]

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
05/01/12														
05/02/12														
05/03/12				No discharge or sample for the month.										
05/04/12														
05/05/12														
05/06/12	1													
05/07/12														
05/08/12														
05/09/12														
05/10/12														
05/11/12														
05/12/12														
05/13/12	2													
05/14/12														
05/15/12														
05/16/12														
05/17/12														
05/18/12														
05/19/12														
05/20/12	3													
05/21/12														
05/22/12														
05/23/12														
05/24/12														
05/25/12														
05/26/12														
05/27/12	4													
05/28/12														
05/29/12														
05/30/12														
05/31/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

2nd Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
06/01/12														
06/02/12														
06/03/12	1			No discharge or sample for the month.										
06/04/12														
06/05/12														
06/06/12														
06/07/12														
06/08/12														
06/09/12														
06/10/12	2													
06/11/12														
06/12/12														
06/13/12														
06/14/12														
06/15/12														
06/16/12														
06/17/12	3													
06/18/12														
06/19/12														
06/20/12														
06/21/12														
06/22/12														
06/23/12														
06/24/12	4													
06/25/12														
06/26/12														
06/27/12														
06/28/12														
06/29/12														
06/30/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

[illegible]

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
08/01/12														
08/02/12														
08/03/12				No discharge or sample for the month.										
08/04/12														
08/05/12	1													
08/06/12														
08/07/12														
08/08/12														
08/09/12														
08/10/12														
08/11/12														
08/12/12	2													
08/13/12														
08/14/12														
08/15/12														
08/16/12														
08/17/12														
08/18/12														
08/19/12	3													
08/20/12														
08/21/12														
08/22/12														
08/23/12														
08/24/12														
08/25/12														
08/26/12	4													
08/27/12														
08/28/12														
08/29/12														
08/30/12														
08/31/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

3rd Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
09/01/12	1													
09/02/12														
09/03/12				No discharge or sample for the month.										
09/04/12														
09/05/12														
09/06/12	2													
09/07/12														
09/08/12														
09/09/12														
09/10/12														
09/11/12	3													
09/12/12														
09/13/12														
09/14/12														
09/15/12														
09/16/12	4													
09/17/12														
09/18/12														
09/19/12														
09/20/12														
09/21/12	5													
09/22/12														
09/23/12														
09/24/12														
09/25/12														
09/26/12														
09/27/12														
09/28/12														
09/29/12														
09/30/12														
High		----	0	0	0	0		0	----	ND		----	----	----
Low		----	0	0	0	0		0	----	ND		----	----	----
Monthly Avg.														
Monthly Total in MG		0.00												

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
10/01/12	1													
10/02/12														
10/03/12				No discharge or sample for the month.										
10/04/12														
10/05/12														
10/06/12														
10/07/12														
10/08/12	2													
10/09/12														
10/10/12														
10/11/12														
10/12/12														
10/13/12														
10/14/12														
10/15/12	3													
10/16/12														
10/17/12														
10/18/12														
10/19/12														
10/20/12														
10/21/12														
10/22/12	4													
10/23/12														
10/24/12														
10/25/12														
10/26/12														
10/27/12														
10/28/12														
10/29/12	5													
10/30/12														
High		----	----	----	----	----	----	----	----	----		----	----	----
Low		----	----	----	----	----	----	----	----	----		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.00												

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4th Quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

Pond 20	Week	Flow Rate	Tot Sett Matter	TDS	Chloride	TSS	Chlorine res	Turbidity	pH	Oil & Grease	Arsenic	Mercury	Toxicity	Observations
Units		(MG/D)	(ml/l/hr)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	NTU	S.U.	mg/L	(ug/l)	(ng/l)	(% survival)	
Test Method		----	SM 2540F	SM2540C	EPA 330.0	SM2540D	SM4500-Cl F	SM2310B	SM4500-H+ B	EPA 1664A	EPA 200.8	EPA 1631	----	
Limit - Daily Max.		----	0.2	500	250	----	0	40	6.5 to 8.5	----	----	----	----	
Limit - Weekly Ave.		----	----	----	----	45	----	----	----	----	----	----	----	
Limit - Monthly Ave.		----	0.1	----	----	30	----	----	----	----	----	----	----	
Sample Frequency		1/day	1/week	1/week	1/week	1/week	1/week	Daily	Daily	1/Month	1/Quarter	1/Quarter	2/year	
Sample Type		Daily	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Daily
12/01/12	1	0.003												
12/02/12		0.003												
12/03/12		0.003	ND	980	*	130	ND		8.11	ND				
12/04/12		0.003												
12/05/12		0.003												
12/06/12	2	0.003												
12/07/12		0.003												
12/08/12		0.003												
12/09/12		0.003												
12/10/12		0.001	ND	1200	*	3.8	ND		7.48	ND				
12/11/12	3	0.001												
12/12/12		0.001												
12/13/12		0.001												
12/14/12		0.001												
12/15/12		0.001												
12/16/12	4	0.001												
12/17/12		0.003	1.1	980	*	72	ND		7.59	ND				
12/18/12		0.003												
12/19/12		0.003												
12/20/12		0.003												
12/21/12	5	0.003												
12/22/12		0.014												
12/23/12		0.014												
12/24/12		0.014												
12/25/12		0.014												
12/26/12		0.014	0.1	960	*	47	ND		8.4	ND	ND	ND	*	Toxicity sample not tanken
12/27/12		0.014												
12/28/12		0.003												
12/29/12		0.003												
12/30/12		0.003												
12/31/12		0.003												
High		----	1.1	1200	0	130		0	----	ND		----	----	----
Low		----	0.1	960	0	3.8		0	----	ND		----	----	----
Monthly Avg.					----		----	----	----	----		----	----	----
Monthly Total in MG		0.15												

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Rock Plant Sump

No discharges in 1st, 2nd or 3rd quarter 2012

Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

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Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

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Monthly Self-Monitoring Summary Report
Lehigh Southwest Cement Company Permanente Plant
Order No. R2-2008-0011, NPDES Permit No. CAG982001

CIWQS Place ID 273205

4th Quarter 2012

[illegible]

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

Dinky Shed Basin

No discharges in 2012

CIWQS Place ID: 273205
Order No. R2-2008-0011
2012 Annual SM Report

Plant Reclaim Water System

No discharges in 2012

CIWQS Place ID: 273205

Order No. R2-2008-0011

2012 Annual SM Report

E-5 Table Annual Analysis

Table 1

Sample Location

Location Description

RWOCB L (Kaiser)

Kaiser House Upstream Permanente Creek

Sample

Sample

Sample

Sample

Sample

The Creek

10

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Method	
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	Method
--	--------

					Date	Date	Date	Date	Date			
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l	ND	ND	ND		ND	ND	0.0020	0.0030
5	Chromium, trivalent	Calculation	NA	mg/l	ND	0.0052	ND		ND	0.0045	0.0030	0.010
8	Mercury	EPA 1613	7439-97-6	ng/l	2.00	0.453	0.883	ND	1.23	2.46	0.200	0.500
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l	ND	1.8	ND		1.5	ND	1.5	5.0
	Turbidity	EPA 180.1	NA	NTU	0.29	2.3	0.35		0.55	1.7	0	0.10
	Calcium	EPA 200.7	7440-70-2	mg/l	160	180	170		210	240	0.030	1.0
	Magnesium	EPA 200.7	7439-95-4	mg/l	60	65	69		73	88	0.020	1.0
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.10
2	Arsenic	EPA 200.8	7440-38-2	ug/l	ND	0.35	ND	ND	ND	0.22	0.070	0.50
3	Beryllium	EPA 200.8	7440-41-7	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.10
4	Cadmium	EPA 200.8	7440-43-9	ug/l	ND	0.057	ND	0.13	0.054	0.40	0.020	0.10
	Chromium	EPA 200.8	7440-47-3	ug/l	0.91	5.2	0.77	0.90	1.1	4.5	0.080	0.50
6	Copper	EPA 200.8	7440-50-8	ug/l	0.88	3.0	0.76	0.95	1.1	3.6	0.040	0.50
9	Nickel	EPA 200.8	7440-02-0	ug/l	0.92	5.7	0.82	1.0	1.4	5.1	0.060	0.50
7	Lead	EPA 200.8	7439-92-1	ug/l	ND	0.24	ND	0.034	0.14	0.27	0.020	0.25
1	Antimony	EPA 200.8	7440-36-0	ug/l	ND	0.088	ND	0.041	0.066	0.066	0.020	0.50
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l	4.5	7.1	6.7		12	11	0.070	1.0
	Selenium	EPA 200.8	7782-49-2	ug/l	4.9	7.2	7.0	9.2	12	12	0.070	1.0
12	Thallium	EPA 200.8	7440-28-0	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.10
13	Zinc	EPA 200.8	7440-66-6	ug/l		ND	7.1	2.6	8.0	7.7	0.50	5.0
	Chloride	EPA 300.0	16887-00-6	mg/l	18	18	16		16	21	0.15	2.5
102	Aldrin	EPA 608	309-00-2	ug/l	ND	ND	ND	ND	ND	ND	0.0040	0.0050
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.050
115	Endrin	EPA 608	72-20-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.50
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	ND	ND	ND	ND	ND	0.45	0.50
103	beta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.0050
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
106	delta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0010	0.0050
107	Chlordane (tech)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.035	0.050
108	4,4'-DDT	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0050	0.010
109	4,4'-DDE	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.020
110	4,4'-DDD	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.020
	Chlorpyrifos	EPA 614		ug/l	ND	ND	ND		ND	ND	0.20	0.50
	Diazinon	EPA 614		ug/l	ND	ND	ND		ND	ND	0.30	0.50
17	Acrolein	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.62	2.0
27	Bromodichloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.095	0.50

Table 1

Sample Location

Location Description

RWOCB L (Kaiser)

Kaiser House Upstream Permanente Creek

Sample	Sample
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Sample	Sample
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Sample Date	Sample Date
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Sample Date	Sample Date
----------------	----------------

Date	Date	Date

					Date	Date	Date	Date	Date		Method	Method
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Detection	Reporting
	28 1,1-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.072	0.50
	29 1,2-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.17	0.50
	1,1-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.14	0.50
	31 1,2-Dichloropropane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.12	0.50
	cis-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.060	0.50
	trans-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.072	0.50
	33 Ethylbenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.080	0.50
	Bromomethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.077	0.50
	Chloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.097	0.50
	18 Acrylonitrile	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.19	2.0
	36 Methylene chloride	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.48	0.50
	37 1,1,2,2-Tetrachloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.086	0.50
	Tetrachloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.092	0.50
	39 Toluene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.092	0.30
	trans-1,2-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
	41 1,1,1-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.091	0.50
	42 1,1,2-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.13	0.50
	Trichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.12	0.50
	Trihalomethanes (total)	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
	44 Vinyl chloride	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.060	0.50
	75 1,2-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.099	0.50
	19 Benzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.053	0.30
	76 1,3-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.069	0.50
	77 1,4-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
	20 Bromoform	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.093	0.50
	21 Carbon tetrachloride	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
	22 Chlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.083	0.50
	Dibromochloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.075	0.50
	24 Chloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.13	0.50
	25 2-Chloroethylvinyl ether	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.93	1.0
	26 Chloroform	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
	45 2-Chlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.66	5.0
	54 Phenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.46	1.0
	55 2,4,6-Trichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.74	10
	56 Acenaphthene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.57	1.0
	57 Acenaphthylene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.48	10
	58 Anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.39	10
	59 Benzidine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	3.4	5.0
	60 Benzo (a) anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.39	5.0
	61 Benzo (a) pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.50	10
	62 Benzo (b) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.64	10
	63 Benzo (g,h,i) perylene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.93	5.0
	46 2,4-Dichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.66	5.0
	64 Benzo (k) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.34	10
	65 Bis(2-chloroethoxy)methane	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.81	5.0
	66 Bis(2-chloroethyl)ether	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.14	1.0
	67 Bis(2-chloroisopropyl)ether	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.41	2.0
	68 Bis(2-ethylhexyl)phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.83	5.0
	69 4-Bromophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.43	5.0
	70 Butyl benzyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.64	10
	2-Chloronaphthalene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.57	10

Table 1

Table 1					Sample Location		Location Description						
					RWQCB L (Kaiser)		Kaiser House Upstream Permanente Creek						
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date				
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit	
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.64	10	
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.93	5.0	
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.34	10	
	Hardness, Total	SM2340B		mg/l	641	710	704		832	966	1	5	
	Salinity	SM2520B		g/kg	ND	ND	ND		ND	ND	2.0	2.0	
	Total Dissolved Solids	SM2540C		mg/l	800	950	1000		1100	1300	4.2	10	
	Total Suspended Solids	SM2540D		mg/l	ND	2.2	ND		2.2	7.0	0.30	1.0	
	Total Settleable Solids	SM2540F		ml/l/hr	ND	ND	ND		ND	ND	0.10	0.10	
5	Chromium, hexavalent	SM3500-Cr B		mg/l	ND	ND	ND		ND	ND	0.0050	0.010	
	Chemical Oxygen Demand	SM5220D		mg/l	ND	ND	ND		24	25	3.2	10	
	Total Organic Carbon	SM5310C		mg/l	0.787	0.927	0.890		0.943	1.18	0.0400	0.300	
	Tributyltin	GC-FPD		ug/l	ND	ND	ND		ND	ND		0.05	
	Dibutyltin	GC-FPD		ug/l								0.002	
	Monobutyltin	GC-FPD		ug/l								0.002	
	Chrysotile asbestos structures	TEM		MFL*	ND	44.5	0.42		9.3	80	0.2		
	Amphibole asbestos structures	TEM		MFL	ND	6.4	0.84		ND	ND	0.2		
	Methyl Mercury total	EPA 1630		ng/l	ND	ND	ND		ND	0.03 J	0.02	0.049	
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l	ND	ND	ND		ND	ND	0.4	2	
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l	6.1	5.4	6.1		11	10	2	10	
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l	20	19	25		25	25	varies	varies	
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l	5	6	0		0	0	varies	varies	

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan Estimated concentration between the Estimated Detection Limit and Reported Detection Limit

Table 2

CTR Number	Analyte	Method	CAS Number	Units	Sample Location		Location Description					Method Detection Limit	Method Reporting Limit
					Pond 4A	Sample Date	Quarry	Water Discharge	Sample Date	Sample Date	Sample Date		
						1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012		
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l	ND	ND	0.0035		ND	ND	0.0020	0.0030	0.0035
5	Chromium, trivalent	Calculation	NA	mg/l	ND	ND	ND		ND	ND	0.0030	0.010	0
8	Mercury	EPA 1613	7439-97-6	ng/l	8.65	5.47	5.04	ND	2.48	1.78	0.200	0.500	8.65
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l	ND	2.1	ND		1.6	ND	1.5	5.0	2.1
	Turbidity	EPA 180.1	NA	NTU	19	18	4.9		3.3	14	0	0.10	19
	Calcium	EPA 200.7	7440-70-2	mg/l	200	200	200		210	220	0.030	1.0	200
	Magnesium	EPA 200.7	7439-95-4	mg/l	35	39	41		42	43	0.020	1.0	41
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.10	0
2	Arsenic	EPA 200.8	7440-38-2	ug/l	3.0	4.8	5.7	2.2	0.58	1.5	0.070	0.50	5.7
3	Beryllium	EPA 200.8	7440-41-7	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.10	0
4	Cadmium	EPA 200.8	7440-43-9	ug/l	0.39	0.50	0.69	0.68	0.70	0.85	0.020	0.10	0.69
	Chromium	EPA 200.8	7440-47-3	ug/l	2.4	2.4	1.1	0.23	1.5	0.63	0.080	0.50	2.4
6	Copper	EPA 200.8	7440-50-8	ug/l	1.9	1.7	2.4	2.0	1.8	2.4	0.040	0.50	2.4
9	Nickel	EPA 200.8	7440-02-0	ug/l	180	200	350	310	180	200	0.60	5.0	350
7	Lead	EPA 200.8	7439-92-1	ug/l	ND	0.13	ND	0.17	0.13	0.59	0.020	0.25	0.13
1	Antimony	EPA 200.8	7440-36-0	ug/l	9.3	8.9	24	9.6	5.6	8.3	0.020	0.50	24
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l	48	67	67		54	65	0.070	1.0	67
10	Selenium	EPA 200.8	7782-49-2	ug/l	51	66	75	75	56	68	0.070	1.0	75
12	Thallium	EPA 200.8	7440-28-0	ug/l	0.27	0.30	0.93	0.43	0.30	0.40	0.020	0.10	0.93
13	Zinc	EPA 200.8	7440-66-6	ug/l	90	120	170	140	130	160	0.50	5.0	170
	Chloride	EPA 300.0	16887-00-6	mg/l	13	14	14		13	14	0.15	2.5	
102	Aldrin	EPA 608	309-00-2	ug/l	ND	ND	ND	ND	ND	ND	0.0040	0.0050	
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010	
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.050	
115	Endrin	EPA 608	72-20-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010	
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.50	
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50	
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	ND	ND	ND	ND	ND	0.45	0.50	
103	beta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.0050	
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010	
106	delta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0010	0.0050	
107	Chlordane (tech)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.035	0.050	
108	4,4'-DDT	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0050	0.010	
109	4,4'-DDE	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.020	
110	4,4'-DDD	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.020	
	Chlorpyrifos	EPA 614		ug/l	ND	ND	ND		ND	ND	0.20	0.50	
	Diazinon	EPA 614		ug/l	ND	ND	ND		ND	ND	0.30	0.50	
17	Acrolein	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.62	2.0	
27	Bromodichloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.095	0.50	

Table 2

Sample Location

Pond 4A

Location Description

Quarry Water Discharge

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

Sample
Date

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					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
72	4-Chlorophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.93	5.0
73	Chrysene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.83	10
47	2,4-Dimethylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.2	2.0
75	1,2-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.099	0.50
76	1,3-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
78	3,3'-Dichlorobenzidine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	2.0	5.0
79	Diethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.86	2.0
80	Dimethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.68	2.0
81	Di-n-butyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.91	10
82	2,4-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.68	5.0
83	2,6-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.54	5.0
84	Di-n-octyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.65	10
85	1,2-Diphenylhydrazine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.33	1.0
86	Fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.76	1.0
48	4,6-Dinitro-2-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.75	5.0
87	Fluorene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.81	10
88	Hexachlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.89	1.0
89	Hexachlorobutadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.84	1.0
90	Hexachlorocyclopentadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.45	5.0
91	Hexachloroethane	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.58	1.0
92	Indeno (1,2,3-cd) pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.63	10
93	Isophorone	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.81	1.0
94	Naphthalene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.66	1.0
95	Nitrobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.74	1.0
96	N-Nitrosodimethylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.1	5.0
49	2,4-Dinitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.3	5.0
97	N-Nitrosodi-n-propylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.85	5.0
98	N-Nitrosodiphenylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.90	1.0
99	Phenanthrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.45	10
101	1,2,4-Trichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.59	5.0
50	2-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.90	10
51	4-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.99	10
52	4-Chloro-3-methylphenol	EPA 625		ug/l	ND	ND	1.6	ND	ND	ND	0.58	1.0
53	Pentachlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.4	5.0
56	Acenaphthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.57	1.0
57	Acenaphthylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.48	10
73	Chrysene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.83	10
58	Anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.39	10
86	Fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.76	1.0
87	Fluorene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.81	10
92	Indeno (1,2,3-cd) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.63	10
	2-Methylnaphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	1.0	1.0
60	Benzo (a) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.39	5.0
94	Naphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.66	1.0
61	Benzo (a) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.50	10
99	Phenanthrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.45	10

Table 2

Table 2				Sample Location		Location Description						
				Pond 4A	Quarry Water Discharge							
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.93	5.0
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.34	10
	Hardness, Total	SM2340B		mg/l	637	667	676		704	727	1	5
	Salinity	SM2520B		g/kg	ND	ND	ND		ND	ND	2.0	2.0
	Total Dissolved Solids	SM2540C		mg/l	870	850	950		940	880	4.2	10
	Total Suspended Solids	SM2540D		mg/l	16	10	2.5		4.6	4.2	0.30	1.0
	Total Settleable Solids	SM2540F		ml/l/hr	ND	ND	ND		ND	ND	0.10	0.10
5	Chromium, hexavalent	SM3500-Cr B		mg/l	ND	ND	ND		ND	ND	0.0050	0.010
	Chemical Oxygen Demand	SM5220D		mg/l	ND	ND	ND		45	34	3.2	10
	Total Organic Carbon	SM5310C		mg/l	0.389	0.392	0.418		0.426	0.532	0.0400	0.300
	Flow	Pump meter	average	GPM								
	Tributyltin	GC-FPD		ug/l	ND	ND	ND		ND	ND		0.05
	Dibutyltin	GC-FPD		ug/l								0.002
	Monobutyltin	GC-FPD		ug/l								0.002
	Chrysotile asbestos structures	TEM		MFL*	1.7	572	220		108	68	0.2	
	Amphibole asbestos structures	TEM		MFL	ND	21.2	12.7		6.35	ND	0.2	
	Methyl Mercury total	EPA 1630		ng/l	ND	0.02 J	ND		ND	ND	0.02	0.049
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l	ND	16	32		3.9	11	0.4	2
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l	38	38	40		47	50	2	10
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l	22	18	24		25	25	varies	varies
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l	3	7	1		0	0	varies	varies

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method

Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan

Estimated concentration between the Estimated Detection Limit and Reported Detection Limit

Sample Location

Sample

					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l	ND	ND	ND		ND	ND	0.0020	0.0030
5	Chromium, trivalent	Calculation	NA	mg/l	ND	ND	ND		0.013	ND	0.0030	0.010
8	Mercury	EPA 1613	7439-97-6	ng/l	3.31	2.66	1.69	ND	50.9	4.91	0.200	0.500
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l	ND	2.0	ND		1.5	ND	1.5	5.0
	Turbidity	EPA 180.1	NA	NTU	2.6	8.3	1.8		140	6.6	0.10	0.10
	Calcium	EPA 200.7	7440-70-2	mg/l	170	140	160		100	180	0.030	1.0
	Magnesium	EPA 200.7	7439-95-4	mg/l	61	42	63		24	64	0.020	1.0
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	ND	ND	ND	0.032	ND	0.020	0.10
2	Arsenic	EPA 200.8	7440-38-2	ug/l	0.95	1.0	ND	1.4	2.0	0.89	0.070	0.50
3	Beryllium	EPA 200.8	7440-41-7	ug/l	ND	ND	ND	ND	0.035	ND	0.020	0.10
4	Cadmium	EPA 200.8	7440-43-9	ug/l	ND	0.083	ND	0.46	0.35	0.17	0.020	0.10
	Chromium	EPA 200.8	7440-47-3	ug/l	1.6	2.8	1.2	15	25	1.2	0.080	0.50
6	Copper	EPA 200.8	7440-50-8	ug/l	1.9	1.9	1.5	3.2	7.0	2.2	0.040	0.50
9	Nickel	EPA 200.8	7440-02-0	ug/l	3.8	3.2	2.3	3.8	14	4.0	0.060	0.50
7	Lead	EPA 200.8	7439-92-1	ug/l	ND	0.14	ND	0.25	0.53	0.21	0.020	0.25
1	Antimony	EPA 200.8	7440-36-0	ug/l	ND	0.46	ND	0.59	0.91	0.25	0.020	0.50
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l	13	13	13		11	15	0.070	1.0
	Selenium	EPA 200.8	7782-49-2	ug/l	13	14	14	12	13	16	0.070	1.0
12	Thallium	EPA 200.8	7440-28-0	ug/l	ND	0.20	ND	0.75	0.86	0.20	0.020	0.10
13	Zinc	EPA 200.8	7440-66-6	ug/l	7.9	8.4	8.2	7.6	23	8.7	0.50	5.0
	Chloride	EPA 300.0	16887-00-6	mg/l	68	41	51		85	62	0.60	10
102	Aldrin	EPA 608	309-00-2	ug/l	ND	ND	ND	ND	ND	ND	0.0040	0.0050
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.050
115	Endrin	EPA 608	72-20-8	ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.010
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	ND	ND	ND	ND	ND	0.020	0.50
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	ND	ND	ND	ND	ND	0.050	0.50
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	ND	ND	ND	ND	ND	0.45	0.50
103	beta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.0050
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.010
106	delta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0010	0.0050
107	Chlordane (tech)	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.035	0.050
108	4,4'-DDT	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0050	0.010
109	4,4'-DDE	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0030	0.020
110	4,4'-DDD	EPA 608		ug/l	ND	ND	ND	ND	ND	ND	0.0020	0.020
	Chlorpyrifos	EPA 614		ug/l	ND	ND	ND		ND	ND	0.20	0.50
	Diazinon	EPA 614		ug/l	ND	ND	ND		ND	ND	0.30	0.50
17	Acrolein	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.62	2.0
27	Bromodichloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.095	0.50
28	1,1-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	ND	0.072	0.50

Sample Location

Sample

CTR Number	Analyte	Method	CAS Number	Units	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Method Detection Limit	Method Reporting Limit
					1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012		
74	Dibenz (a,h) anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.83	10
47	2,4-Dimethylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.2	2.0
75	1,2-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.099	0.50
76	1,3-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.11	0.50
78	3,3'-Dichlorobenzidine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	2.0	5.0
79	Diethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.86	2.0
80	Dimethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.68	2.0
81	Di-n-butyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.91	10
82	2,4-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.68	5.0
83	2,6-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.54	5.0
84	Di-n-octyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.65	10
85	1,2-Diphenylhydrazine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.33	1.0
86	Fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.76	1.0
48	4,6-Dinitro-2-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.75	5.0
87	Fluorene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.81	10
88	Hexachlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.89	1.0
89	Hexachlorobutadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.84	1.0
90	Hexachlorocyclopentadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.45	5.0
91	Hexachloroethane	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.58	1.0
92	Indeno (1,2,3-cd) pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.63	10
93	Isophorone	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.81	1.0
94	Naphthalene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.66	1.0
95	Nitrobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.74	1.0
96	N-Nitrosodimethylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.1	5.0
49	2,4-Dinitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.3	5.0
97	N-Nitrosodi-n-propylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.85	5.0
98	N-Nitrosodiphenylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.90	1.0
99	Phenanthrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.45	10
101	1,2,4-Trichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.59	5.0
50	2-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.90	10
51	4-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.99	10
52	4-Chloro-3-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	0.58	1.0
53	Pentachlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	ND	1.4	5.0
56	Acenaphthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.57	1.0
57	Acenaphthylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.48	10
73	Chrysene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.83	10
58	Anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.39	10
86	Fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.76	1.0
87	Fluorene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.81	10
92	Indeno (1,2,3-cd) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.63	10
	2-Methylnaphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	1.0	1.0
60	Benzo (a) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.39	5.0
94	Naphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.66	1.0
61	Benzo (a) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.50	10
99	Phenanthrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.45	10
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.93	5.0
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	ND	0.34	10

Table 3

Sample Location

Pond 9

CTR Number	Analyte	Method	CAS Number	Units	Sample Date						Method Detection Limit	Method Reporting Limit
					1/10/2012	2/14/2012	3/6/2012	3/26/2012	4/17/2012	5/22/2012		
	Hardness, Total	SM2340B		mg/l	678	513	660		357	708	1	5
	Salinity	SM2520B		g/kg	ND	ND	ND		ND	ND	2.0	2.0
	Total Dissolved Solids	SM2540C		mg/l	1100	780	1000		680	1000	4.2	10
	Total Suspended Solids	SM2540D		mg/l	1.4	3.9	ND		43	2.5	0.30	1.0
	Total Settleable Solids	SM2540F		ml/l/hr	ND	ND	ND		ND	ND	0.10	0.10
5	Chromium, hexavalent	SM3500-Cr B		mg/l	ND	ND	ND		0.012	ND	0.0050	0.010
	Chemical Oxygen Demand	SM5220D		mg/l	ND	15	17		48	51	3.2	10
	Total Organic Carbon	SM5310C		mg/l	1.39	1.74	1.45		2.31	1.60	0.0400	0.300
	Tributyltin	GC-FPD		ug/l	ND	ND	ND		ND	ND		0.05
	Dibutyltin	GC-FPD		ug/l								0.002
	Monobutyltin	GC-FPD		ug/l								0.002
	Chrysotile asbestos structures	TEM		MFL*	ND	22.20	11.40		286.00	53	0.2	
	Amphibole asbestos structures	TEM		MFL	ND	5.30	2.12		ND	ND	0.2	
	Methyl Mercury total	EPA 1630		ng/l	0.03 J	0.07	0.04 J		0.05	0.16	0.02	0.049
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l	ND	ND	ND		0.8	1.3	0.4	2
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l	11.00	11.00	11		9	13	2	10
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l	19	20	20		23	25	varies	varies
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l	6	5	5		2	0	varies	varies

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method

Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan

Estimated concentration between the Estimated Detection Limit and Reported Detection Limit

Table 4

Sample Location

Pond 13B

Sample Date

Sample Date

Sample Date

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	2/14/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l	ND		ND	0.0025	0.0020	0.0030
5	Chromium, trivalent	Calculation	NA	mg/l	0.0052		0.0058	ND	0.0030	0.010
8	Mercury	EPA 1613	7439-97-6	ng/l	18.4	ND	10.6	1.03	0.200	0.500
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l	1.7		ND	ND	1.5	5.0
	Turbidity	EPA 180.1	NA	NTU	26		30	1.5	0	0.10
	Calcium	EPA 200.7	7440-70-2	mg/l	130		150	190	0.030	1.0
	Magnesium	EPA 200.7	7439-95-4	mg/l	36		69	54	0.020	1.0
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	0.046	ND	ND	0.020	0.10
2	Arsenic	EPA 200.8	7440-38-2	ug/l	1.5	1.2	0.46	0.56	0.070	0.50
3	Beryllium	EPA 200.8	7440-41-7	ug/l	0.041	0.049	ND	ND	0.020	0.10
4	Cadmium	EPA 200.8	7440-43-9	ug/l	0.14	0.40	0.24	0.13	0.020	0.10
	Chromium	EPA 200.8	7440-47-3	ug/l	5.2	7.5	5.8	1.3	0.080	0.50
6	Copper	EPA 200.8	7440-50-8	ug/l	3.6	6.7	2.6	1.5	0.040	0.50
9	Nickel	EPA 200.8	7440-02-0	ug/l	8.2	13	5.6	41	0.060	0.50
7	Lead	EPA 200.8	7439-92-1	ug/l	0.34	0.96	0.89	0.16	0.020	0.25
1	Antimony	EPA 200.8	7440-36-0	ug/l	3.0	1.7	0.68	2.3	0.020	0.50
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l	19		13	38	0.070	1.0
10	Selenium	EPA 200.8	7782-49-2	ug/l	19	12	12	39	0.070	1.0
12	Thallium	EPA 200.8	7440-28-0	ug/l	0.034	0.094	0.064	0.13	0.020	0.10
13	Zinc	EPA 200.8	7440-66-6	ug/l	21	46	22	14	0.50	5.0
	Chloride	EPA 300.0	16887-00-6	mg/l	33		35	30	0.60	10
102	Aldrin	EPA 608	309-00-2	ug/l	ND	ND	ND	ND	0.0040	0.0050
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	ND	ND	ND	0.0020	0.010
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	ND	ND	ND	0.0030	0.010
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	ND	ND	ND	0.0020	0.010
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	ND	ND	ND	0.0020	0.050
115	Endrin	EPA 608	72-20-8	ug/l	ND	ND	ND	ND	0.0030	0.010
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	ND	ND	ND	0.0020	0.010
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	ND	ND	ND	0.0020	0.010
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	ND	ND	ND	0.0020	0.010
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	ND	ND	ND	0.020	0.50
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	ND	ND	ND	0.050	0.50
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	ND	ND	ND	0.0020	0.010
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	ND	ND	ND	0.050	0.50
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	ND	ND	ND	0.050	0.50
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	ND	ND	ND	0.050	0.50
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	ND	ND	ND	0.050	0.50
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	ND	ND	ND	0.050	0.50
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	ND	ND	ND	0.45	0.50
103	beta-BHC	EPA 608		ug/l	ND	ND	ND	ND	0.0020	0.0050
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	ND	ND	ND	0.0020	0.010
106	delta-BHC	EPA 608		ug/l	ND	ND	ND	ND	0.0010	0.0050

Table 4

Sample Location

Pond 13B

Sample Date

Sample Date

Sample Date

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	2/14/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
107	Chlordane (tech)	EPA 608		ug/l	ND	ND	ND	ND	0.035	0.050
108	4,4'-DDT	EPA 608		ug/l	ND	ND	ND	ND	0.0050	0.010
109	4,4'-DDE	EPA 608		ug/l	ND	ND	ND	ND	0.0030	0.020
110	4,4'-DDD	EPA 608		ug/l	ND	ND	ND	ND	0.0020	0.020
	Chlorpyrifos	EPA 614		ug/l	ND		ND	ND	0.20	0.50
	Diazinon	EPA 614		ug/l	ND		ND	ND	0.30	0.50
17	Acrolein	EPA 624		ug/l	ND	ND	ND	ND	0.62	2.0
27	Bromodichloromethane	EPA 624		ug/l	ND	ND	ND	ND	0.095	0.50
28	1,1-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.072	0.50
29	1,2-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.17	0.50
	1,1-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	0.14	0.50
31	1,2-Dichloropropane	EPA 624		ug/l	ND	ND	ND	ND	0.12	0.50
	cis-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	0.060	0.50
	trans-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	0.072	0.50
33	Ethylbenzene	EPA 624		ug/l	ND	ND	ND	ND	0.080	0.50
	Bromomethane	EPA 624		ug/l	ND	ND	ND	ND	0.077	0.50
	Chloromethane	EPA 624		ug/l	ND	ND	ND	ND	0.097	0.50
18	Acrylonitrile	EPA 624		ug/l	ND	ND	ND	ND	0.19	2.0
36	Methylene chloride	EPA 624		ug/l	ND	ND	ND	ND	0.48	0.50
37	1,1,2,2-Tetrachloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.086	0.50
	Tetrachloroethene	EPA 624		ug/l	ND	ND	ND	ND	0.092	0.50
39	Toluene	EPA 624		ug/l	ND	ND	ND	ND	0.092	0.30
	trans-1,2-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	0.11	0.50
41	1,1,1-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.091	0.50
42	1,1,2-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.13	0.50
	Trichloroethene	EPA 624		ug/l	ND	ND	ND	ND	0.12	0.50
	Trihalomethanes (total)	EPA 624		ug/l	ND	ND	ND	ND	0.11	0.50
44	Vinyl chloride	EPA 624		ug/l	ND	ND	ND	ND	0.060	0.50
75	1,2-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	0.099	0.50
19	Benzene	EPA 624		ug/l	ND	ND	ND	ND	0.053	0.30
76	1,3-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	0.11	0.50
20	Bromoform	EPA 624		ug/l	ND	ND	ND	ND	0.093	0.50
21	Carbon tetrachloride	EPA 624		ug/l	ND	ND	ND	ND	0.11	0.50
22	Chlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	0.083	0.50
	Dibromochloromethane	EPA 624		ug/l	ND	ND	ND	ND	0.075	0.50
24	Chloroethane	EPA 624		ug/l	ND	ND	ND	ND	0.13	0.50
25	2-Chloroethylvinyl ether	EPA 624		ug/l	ND	ND	ND	ND	0.93	1.0
26	Chloroform	EPA 624		ug/l	ND	ND	ND	ND	0.11	0.50
45	2-Chlorophenol	EPA 625		ug/l	ND	ND	ND	ND	0.66	5.0
54	Phenol	EPA 625		ug/l	ND	ND	ND	ND	0.46	1.0
55	2,4,6-Trichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	0.74	10
56	Acenaphthene	EPA 625		ug/l	ND	ND	ND	ND	0.57	1.0

Table 4

Sample Location

Pond 13B

Sample Date

Sample Date

Sample Date

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	2/14/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
57	Acenaphthylene	EPA 625		ug/l	ND	ND	ND	ND	0.48	10
58	Anthracene	EPA 625		ug/l	ND	ND	ND	ND	0.39	10
59	Benzidine	EPA 625		ug/l	ND	ND	ND	ND	3.4	5.0
60	Benzo (a) anthracene	EPA 625		ug/l	ND	ND	ND	ND	0.39	5.0
61	Benzo (a) pyrene	EPA 625		ug/l	ND	ND	ND	ND	0.50	10
62	Benzo (b) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625		ug/l	ND	ND	ND	ND	0.93	5.0
46	2,4-Dichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	0.66	5.0
64	Benzo (k) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	0.34	10
65	Bis(2-chloroethoxy)methane	EPA 625		ug/l	ND	ND	ND	ND	0.81	5.0
66	Bis(2-chloroethyl)ether	EPA 625		ug/l	ND	ND	ND	ND	0.14	1.0
67	Bis(2-chloroisopropyl)ether	EPA 625		ug/l	ND	ND	ND	ND	0.41	2.0
68	Bis(2-ethylhexyl)phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.83	5.0
69	4-Bromophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	0.43	5.0
70	Butyl benzyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.64	10
	2-Chloronaphthalene	EPA 625		ug/l	ND	ND	ND	ND	0.57	10
72	4-Chlorophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	0.93	5.0
73	Chrysene	EPA 625		ug/l	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625		ug/l	ND	ND	ND	ND	0.83	10
47	2,4-Dimethylphenol	EPA 625		ug/l	ND	ND	ND	ND	1.2	2.0
75	1,2-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.099	0.50
76	1,3-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.11	0.50
78	3,3'-Dichlorobenzidine	EPA 625		ug/l	ND	ND	ND	ND	2.0	5.0
79	Diethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.86	2.0
80	Dimethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.68	2.0
81	Di-n-butyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.91	10
82	2,4-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	0.68	5.0
83	2,6-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	0.54	5.0
84	Di-n-octyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	0.65	10
85	1,2-Diphenylhydrazine	EPA 625		ug/l	ND	ND	ND	ND	0.33	1.0
86	Fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	0.76	1.0
48	4,6-Dinitro-2-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	0.75	5.0
87	Fluorene	EPA 625		ug/l	ND	ND	ND	ND	0.81	10
88	Hexachlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.89	1.0
89	Hexachlorobutadiene	EPA 625		ug/l	ND	ND	ND	ND	0.84	1.0
90	Hexachlorocyclopentadiene	EPA 625		ug/l	ND	ND	ND	ND	0.45	5.0
91	Hexachloroethane	EPA 625		ug/l	ND	ND	ND	ND	0.58	1.0
92	Indeno (1,2,3-cd) pyrene	EPA 625		ug/l	ND	ND	ND	ND	0.63	10
93	Isophorone	EPA 625		ug/l	ND	ND	ND	ND	0.81	1.0
94	Naphthalene	EPA 625		ug/l	ND	ND	ND	ND	0.66	1.0
95	Nitrobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.74	1.0
96	N-Nitrosodimethylamine	EPA 625		ug/l	ND	ND	ND	ND	1.1	5.0

Table 4

Sample Location

Pond 13B

Sample Date

Sample Date

Sample Date

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	2/14/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
49	2,4-Dinitrophenol	EPA 625		ug/l	ND	ND	ND	ND	1.3	5.0
97	N-Nitrosodi-n-propylamine	EPA 625		ug/l	ND	ND	ND	ND	0.85	5.0
98	N-Nitrosodiphenylamine	EPA 625		ug/l	ND	ND	ND	ND	0.90	1.0
99	Phenanthrene	EPA 625		ug/l	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625		ug/l	ND	ND	ND	ND	0.45	10
101	1,2,4-Trichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	0.59	5.0
50	2-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	0.90	10
51	4-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	0.99	10
52	4-Chloro-3-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	0.58	1.0
53	Pentachlorophenol	EPA 625		ug/l	ND	ND	ND	ND	1.4	5.0
56	Acenaphthene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.57	1.0
57	Acenaphthylene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.48	10
73	Chrysene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.83	10
58	Anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.39	10
86	Fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.76	1.0
87	Fluorene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.81	10
92	Indeno (1,2,3-cd) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.63	10
	2-Methylnaphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	1.0	1.0
60	Benzo (a) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.39	5.0
94	Naphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.66	1.0
61	Benzo (a) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.50	10
99	Phenanthrene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.45	10
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.93	5.0
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	0.34	10
	Hardness, Total	SM2340B		mg/l	480		652	697	1	5
	Salinity	SM2520B		g/kg	ND		ND	ND	2.0	2.0
	Total Dissolved Solids	SM2540C		mg/l	690		900	890	4.2	10
	Total Suspended Solids	SM2540D		mg/l	38		17	2.6	0.30	1.0
	Total Settleable Solids	SM2540F		ml/l/hr	ND		ND	ND	0.10	0.10
5	Chromium, hexavalent	SM3500-Cr B		mg/l	ND		ND	ND	0.0050	0.010
	Chemical Oxygen Demand	SM5220D		mg/l	13		29	46	3.2	10
	Total Organic Carbon	SM5310C		mg/l	3.08		1.41	1.14	0.0400	0.300
	Tributyltin	GC-FPD		ug/l	ND		ND	ND		0.05
	Dibutyltin	GC-FPD		ug/l						0.002
	Monobutyltin	GC-FPD		ug/l						0.002
	Chrysotile asbestos structures	TEM		MFL*	151.00		286.00	400.00	0.2	
	Amphibole asbestos structures	TEM		MFL	15.10		2.12	11.00	0.2	
	Methyl Mercury total	EPA 1630		ng/l	0.06		0.08	0.36	0.02	0.049
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l	ND		ND	5.3	0.4	2

Table 4

Sample Location

Pond 13B

Sample Date

Sample Date

Sample Date

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	2/14/2012	3/26/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l	16.00		9.9	17	2	10
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l	19		23	24	varies	varies
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l	6		2	1	varies	varies

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method

Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan

Estimated concentration between the Estimated Detection Limit and Reported Detection Limit

Table 5

Sample Location

Pond 22

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	3/26/2012	Method Detection Limit	Method Reporting Limit
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l		0.0020	0.0030
5	Chromium, trivalent	Calculation	NA	mg/l		0.0030	0.010
8	Mercury	EPA 1613	7439-97-6	ng/l	ND	0.200	0.500
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l		1.5	5.0
	Turbidity	EPA 180.1	NA	NTU		0	0.10
	Calcium	EPA 200.7	7440-70-2	mg/l		0.030	1.0
	Magnesium	EPA 200.7	7439-95-4	mg/l		0.020	1.0
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	0.020	0.10
2	Arsenic	EPA 200.8	7440-38-2	ug/l	0.77	0.070	0.50
3	Beryllium	EPA 200.8	7440-41-7	ug/l	ND	0.020	0.10
4	Cadmium	EPA 200.8	7440-43-9	ug/l	0.19	0.020	0.10
	Chromium	EPA 200.8	7440-47-3	ug/l	6.0	0.080	0.50
6	Copper	EPA 200.8	7440-50-8	ug/l	1.3	0.040	0.50
9	Nickel	EPA 200.8	7440-02-0	ug/l	17	0.060	0.50
7	Lead	EPA 200.8	7439-92-1	ug/l	0.062	0.020	0.25
1	Antimony	EPA 200.8	7440-36-0	ug/l	0.77	0.020	0.50
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l		0.070	1.0
10	Selenium	EPA 200.8	7782-49-2	ug/l	24	0.070	1.0
12	Thallium	EPA 200.8	7440-28-0	ug/l	0.35	0.020	0.10
13	Zinc	EPA 200.8	7440-66-6	ug/l	3.6	0.50	5.0
	Chloride	EPA 300.0	16887-00-6	mg/l		0.60	10
102	Aldrin	EPA 608	309-00-2	ug/l	ND	0.0040	0.0050
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	0.0020	0.010
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	0.0030	0.010
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	0.0020	0.010
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	0.0020	0.050
115	Endrin	EPA 608	72-20-8	ug/l	ND	0.0030	0.010
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	0.0020	0.010
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	0.0020	0.010
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	0.0020	0.010
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	0.020	0.50
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	0.050	0.50
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	0.0020	0.010
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	0.050	0.50
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	0.050	0.50
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	0.050	0.50
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	0.050	0.50
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	0.050	0.50

Table 5

Sample Location

Pond 22

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	3/26/2012	Method Detection Limit	Method Reporting Limit
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	0.45	0.50
103	beta-BHC	EPA 608		ug/l	ND	0.0020	0.0050
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	0.0020	0.010
106	delta-BHC	EPA 608		ug/l	ND	0.0010	0.0050
107	Chlordane (tech)	EPA 608		ug/l	ND	0.035	0.050
108	4,4'-DDT	EPA 608		ug/l	ND	0.0050	0.010
109	4,4'-DDE	EPA 608		ug/l	ND	0.0030	0.020
110	4,4'-DDD	EPA 608		ug/l	ND	0.0020	0.020
	Chlorpyrifos	EPA 614		ug/l		0.20	0.50
	Diazinon	EPA 614		ug/l		0.30	0.50
17	Acrolein	EPA 624		ug/l	ND	0.62	2.0
27	Bromodichloromethane	EPA 624		ug/l	ND	0.095	0.50
28	1,1-Dichloroethane	EPA 624		ug/l	ND	0.072	0.50
29	1,2-Dichloroethane	EPA 624		ug/l	ND	0.17	0.50
	1,1-Dichloroethene	EPA 624		ug/l	ND	0.14	0.50
31	1,2-Dichloropropane	EPA 624		ug/l	ND	0.12	0.50
	cis-1,3-Dichloropropene	EPA 624		ug/l	ND	0.060	0.50
	trans-1,3-Dichloropropene	EPA 624		ug/l	ND	0.072	0.50
33	Ethylbenzene	EPA 624		ug/l	ND	0.080	0.50
	Bromomethane	EPA 624		ug/l	ND	0.077	0.50
	Chloromethane	EPA 624		ug/l	ND	0.097	0.50
18	Acrylonitrile	EPA 624		ug/l	ND	0.19	2.0
36	Methylene chloride	EPA 624		ug/l	ND	0.48	0.50
37	1,1,2,2-Tetrachloroethane	EPA 624		ug/l	ND	0.086	0.50
	Tetrachloroethene	EPA 624		ug/l	ND	0.092	0.50
39	Toluene	EPA 624		ug/l	ND	0.092	0.30
	trans-1,2-Dichloroethene	EPA 624		ug/l	ND	0.11	0.50
41	1,1,1-Trichloroethane	EPA 624		ug/l	ND	0.091	0.50
42	1,1,2-Trichloroethane	EPA 624		ug/l	ND	0.13	0.50
	Trichloroethene	EPA 624		ug/l	ND	0.12	0.50
	Trihalomethanes (total)	EPA 624		ug/l	ND	0.11	0.50
44	Vinyl chloride	EPA 624		ug/l	ND	0.060	0.50
75	1,2-Dichlorobenzene	EPA 624		ug/l	ND	0.099	0.50
19	Benzene	EPA 624		ug/l	ND	0.053	0.30
76	1,3-Dichlorobenzene	EPA 624		ug/l	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 624		ug/l	ND	0.11	0.50
20	Bromoform	EPA 624		ug/l	ND	0.093	0.50
21	Carbon tetrachloride	EPA 624		ug/l	ND	0.11	0.50
22	Chlorobenzene	EPA 624		ug/l	ND	0.083	0.50

Table 5

Sample Location

Pond 22

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	3/26/2012	Method Detection Limit	Method Reporting Limit
	Dibromochloromethane	EPA 624		ug/l	ND	0.075	0.50
24	Chloroethane	EPA 624		ug/l	ND	0.13	0.50
25	2-Chloroethylvinyl ether	EPA 624		ug/l	ND	0.93	1.0
26	Chloroform	EPA 624		ug/l	ND	0.11	0.50
45	2-Chlorophenol	EPA 625		ug/l	ND	0.66	5.0
54	Phenol	EPA 625		ug/l	ND	0.46	1.0
55	2,4,6-Trichlorophenol	EPA 625		ug/l	ND	0.74	10
56	Acenaphthene	EPA 625		ug/l	ND	0.57	1.0
57	Acenaphthylene	EPA 625		ug/l	ND	0.48	10
58	Anthracene	EPA 625		ug/l	ND	0.39	10
59	Benidine	EPA 625		ug/l	ND	3.4	5.0
60	Benzo (a) anthracene	EPA 625		ug/l	ND	0.39	5.0
61	Benzo (a) pyrene	EPA 625		ug/l	ND	0.50	10
62	Benzo (b) fluoranthene	EPA 625		ug/l	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625		ug/l	ND	0.93	5.0
46	2,4-Dichlorophenol	EPA 625		ug/l	ND	0.66	5.0
64	Benzo (k) fluoranthene	EPA 625		ug/l	ND	0.34	10
65	Bis(2-chloroethoxy)methane	EPA 625		ug/l	ND	0.81	5.0
66	Bis(2-chloroethyl)ether	EPA 625		ug/l	ND	0.14	1.0
67	Bis(2-chloroisopropyl)ether	EPA 625		ug/l	ND	0.41	2.0
68	Bis(2-ethylhexyl)phthalate	EPA 625		ug/l	ND	0.83	5.0
69	4-Bromophenyl phenyl ether	EPA 625		ug/l	ND	0.43	5.0
70	Butyl benzyl phthalate	EPA 625		ug/l	ND	0.64	10
	2-Chloronaphthalene	EPA 625		ug/l	ND	0.57	10
72	4-Chlorophenyl phenyl ether	EPA 625		ug/l	ND	0.93	5.0
73	Chrysene	EPA 625		ug/l	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625		ug/l	ND	0.83	10
47	2,4-Dimethylphenol	EPA 625		ug/l	ND	1.2	2.0
75	1,2-Dichlorobenzene	EPA 625		ug/l	ND	0.099	0.50
76	1,3-Dichlorobenzene	EPA 625		ug/l	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 625		ug/l	ND	0.11	0.50
78	3,3'-Dichlorobenzidine	EPA 625		ug/l	ND	2.0	5.0
79	Diethyl phthalate	EPA 625		ug/l	ND	0.86	2.0
80	Dimethyl phthalate	EPA 625		ug/l	ND	0.68	2.0
81	Di-n-butyl phthalate	EPA 625		ug/l	ND	0.91	10
82	2,4-Dinitrotoluene	EPA 625		ug/l	ND	0.68	5.0
83	2,6-Dinitrotoluene	EPA 625		ug/l	ND	0.54	5.0
84	Di-n-octyl phthalate	EPA 625		ug/l	ND	0.65	10
85	1,2-Diphenylhydrazine	EPA 625		ug/l	ND	0.33	1.0

Table 5

Sample Location

Pond 22

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	3/26/2012	Method Detection Limit	Method Reporting Limit
86	Fluoranthene	EPA 625		ug/l	ND	0.76	1.0
48	4,6-Dinitro-2-methylphenol	EPA 625		ug/l	ND	0.75	5.0
87	Fluorene	EPA 625		ug/l	ND	0.81	10
88	Hexachlorobenzene	EPA 625		ug/l	ND	0.89	1.0
89	Hexachlorobutadiene	EPA 625		ug/l	ND	0.84	1.0
90	Hexachlorocyclopentadiene	EPA 625		ug/l	ND	0.45	5.0
91	Hexachloroethane	EPA 625		ug/l	ND	0.58	1.0
92	Indeno (1,2,3-cd) pyrene	EPA 625		ug/l	ND	0.63	10
93	Isophorone	EPA 625		ug/l	ND	0.81	1.0
94	Naphthalene	EPA 625		ug/l	ND	0.66	1.0
95	Nitrobenzene	EPA 625		ug/l	ND	0.74	1.0
96	N-Nitrosodimethylamine	EPA 625		ug/l	ND	1.1	5.0
49	2,4-Dinitrophenol	EPA 625		ug/l	ND	1.3	5.0
97	N-Nitrosodi-n-propylamine	EPA 625		ug/l	ND	0.85	5.0
98	N-Nitrosodiphenylamine	EPA 625		ug/l	ND	0.90	1.0
99	Phenanthrene	EPA 625		ug/l	ND	0.65	5.0
100	Pyrene	EPA 625		ug/l	ND	0.45	10
101	1,2,4-Trichlorobenzene	EPA 625		ug/l	ND	0.59	5.0
50	2-Nitrophenol	EPA 625		ug/l	ND	0.90	10
51	4-Nitrophenol	EPA 625		ug/l	ND	0.99	10
52	4-Chloro-3-methylphenol	EPA 625		ug/l	ND	0.58	1.0
53	Pentachlorophenol	EPA 625		ug/l	ND	1.4	5.0
56	Acenaphthene	EPA 625SIM		ug/l	ND	0.57	1.0
57	Acenaphthylene	EPA 625SIM		ug/l	ND	0.48	10
73	Chrysene	EPA 625SIM		ug/l	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625SIM		ug/l	ND	0.83	10
58	Anthracene	EPA 625SIM		ug/l	ND	0.39	10
86	Fluoranthene	EPA 625SIM		ug/l	ND	0.76	1.0
87	Fluorene	EPA 625SIM		ug/l	ND	0.81	10
92	Indeno (1,2,3-cd) pyrene	EPA 625SIM		ug/l	ND	0.63	10
	2-Methylnaphthalene	EPA 625SIM		ug/l	ND	1.0	1.0
60	Benzo (a) anthracene	EPA 625SIM		ug/l	ND	0.39	5.0
94	Naphthalene	EPA 625SIM		ug/l	ND	0.66	1.0
61	Benzo (a) pyrene	EPA 625SIM		ug/l	ND	0.50	10
99	Phenanthrene	EPA 625SIM		ug/l	ND	0.65	5.0
100	Pyrene	EPA 625SIM		ug/l	ND	0.45	10
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	0.93	5.0
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	0.34	10

Table 5

Sample Location

Pond 22

Sample Date

CTR Number	Analyte	Method	CAS Number	Units	3/26/2012	Method Detection Limit	Method Reporting Limit
	Hardness, Total	SM2340B		mg/l		1	5
	Salinity	SM2520B		g/kg		2.0	2.0
	Total Dissolved Solids	SM2540C		mg/l		4.2	10
	Total Suspended Solids	SM2540D		mg/l		0.30	1.0
	Total Settleable Solids	SM2540F		ml/l/hr		0.10	0.10
5	Chromium, hexavalent	SM3500-Cr B		mg/l		0.0050	0.010
	Chemical Oxygen Demand	SM5220D		mg/l		3.2	10
	Total Organic Carbon	SM5310C		mg/l		0.0400	0.300
	Tributyltin	GC-FPD		ug/l			0.05
	Dibutyltin	GC-FPD		ug/l			0.002
	Monobutyltin	GC-FPD		ug/l			0.002
	Chrysotile asbestos structures	TEM		MFL*		0.2	
	Amphibole asbestos structures	TEM		MFL		0.2	
	Methyl Mercury total	EPA 1630		ng/l		0.02	0.049
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l		0.4	2
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l		2	10
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l		varies	varies
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l		varies	varies

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan Estimated concentration between the Estimated Detection Limit and Reported Detection Limit.

Table 6

					Sample Location					Location Description	
					RWQCB K (Cemetery)					Downstream Permanente	
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
14	Cyanide (total)	10-204-00-1X	57-12-5	mg/l	ND	ND	ND	ND	0.0032	0.0020	0.0030
5	Chromium, trivalent	Calculation	NA	mg/l	ND	ND	ND	0.0042	0.033	0.0030	0.010
8	Mercury	EPA 1613	7439-97-6	ng/l	1.71	1.15	0.982	6.54	407	0.200	0.500
	Oil & Grease (HEM)	EPA 1664	CDHS-00556	mg/l	ND	1.8	ND	ND	ND	1.5	5.0
	Turbidity	EPA 180.1	NA	NTU	0.33	1.4	0.93	6.7	350	0	0.10
	Calcium	EPA 200.7	7440-70-2	mg/l	170	160	170	170	160	0.030	1.0
	Magnesium	EPA 200.7	7439-95-4	mg/l	48	47	52	41	22	0.020	1.0
11	Silver	EPA 200.8	7440-22-4	ug/l	ND	ND	ND	ND	0.31	0.020	0.10
2	Arsenic	EPA 200.8	7440-38-2	ug/l	1.0	0.44	1.0	0.50	6.3	0.070	0.50
3	Beryllium	EPA 200.8	7440-41-7	ug/l	ND	0.026	ND	ND	0.16	0.020	0.10
4	Cadmium	EPA 200.8	7440-43-9	ug/l	0.11	0.12	ND	0.11	2.0	0.020	0.10
	Chromium	EPA 200.8	7440-47-3	ug/l	1.2	1.2	0.86	4.2	33	0.080	0.50
6	Copper	EPA 200.8	7440-50-8	ug/l	1.1	1.3	1.1	1.2	34	0.040	0.50
9	Nickel	EPA 200.8	7440-02-0	ug/l	12	16	24	67	72	0.060	0.50
7	Lead	EPA 200.8	7439-92-1	ug/l	ND	0.10	ND	0.12	2.6	0.020	0.25
1	Antimony	EPA 200.8	7440-36-0	ug/l	1.9	0.93	4.3	3.3	9.9	0.020	0.50
10	Selenium, dissolved	EPA 200.8	7782-49-2	ug/l	24	24	29	40	26	0.070	1.0
10	Selenium	EPA 200.8	7782-49-2	ug/l	25	25	33	41	28	0.070	1.0
12	Thallium	EPA 200.8	7440-28-0	ug/l	ND	0.097	ND	0.29	1.0	0.020	0.10
13	Zinc	EPA 200.8	7440-66-6	ug/l	6.4	7.0	ND	10	170	0.50	5.0
	Chloride	EPA 300.0	16887-00-6	mg/l	33	37	33	30	76	0.60	10
102	Aldrin	EPA 608	309-00-2	ug/l	ND	ND	ND	ND	ND	0.0040	0.0050
111	Dieldrin	EPA 608	60-57-1	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
112	Endosulfan I	EPA 608	959-98-8	ug/l	ND	ND	ND	ND	ND	0.0030	0.010
113	Endosulfan II	EPA 608	33213-65-9	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
114	Endosulfan sulfate	EPA 608	1031-07-8	ug/l	ND	ND	ND	ND	ND	0.0020	0.050
115	Endrin	EPA 608	72-20-8	ug/l	ND	ND	ND	ND	ND	0.0030	0.010
116	Endrin aldehyde	EPA 608	7421-93-4	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
117	Heptachlor	EPA 608	76-44-8	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
118	Heptachlor epoxide	EPA 608	1024-57-3	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
119	PCB-1016	EPA 608	12674-11-2	ug/l	ND	ND	ND	ND	ND	0.020	0.50
120	PCB-1221	EPA 608	11104-28-2	ug/l	ND	ND	ND	ND	ND	0.050	0.50
103	alpha-BHC	EPA 608	319-84-6	ug/l	ND	ND	ND	ND	ND	0.0020	0.010
121	PCB-1232	EPA 608	11141-16-5	ug/l	ND	ND	ND	ND	ND	0.050	0.50
122	PCB-1242	EPA 608	53469-21-9	ug/l	ND	ND	ND	ND	ND	0.050	0.50
123	PCB-1248	EPA 608	12672-29-6	ug/l	ND	ND	ND	ND	ND	0.050	0.50
124	PCB-1254	EPA 608	11097-69-1	ug/l	ND	ND	ND	ND	ND	0.050	0.50
125	PCB-1260	EPA 608	11096-82-5	ug/l	ND	ND	ND	ND	ND	0.050	0.50
126	Toxaphene	EPA 608	8001-35-2	ug/l	ND	ND	ND	ND	ND	0.45	0.50
103	beta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0020	0.0050
105	gamma-BHC (Lindane)	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0020	0.010
106	delta-BHC	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0010	0.0050
107	Chlordane (tech)	EPA 608		ug/l	ND	ND	ND	ND	ND	0.035	0.050
108	4,4'-DDT	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0050	0.010
109	4,4'-DDE	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0030	0.020

Table 6

					Sample Location					Location Description	
					RWQCB K (Cemetery)					Downstream Permanente	
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
110	4,4'-DDD	EPA 608		ug/l	ND	ND	ND	ND	ND	0.0020	0.020
	Chlorpyrifos	EPA 614		ug/l	ND	ND	ND	ND	ND	0.20	0.50
	Diazinon	EPA 614		ug/l	ND	ND	ND	ND	ND	0.30	0.50
17	Acrolein	EPA 624		ug/l	ND	ND	ND	ND	ND	0.62	2.0
27	Bromodichloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.095	0.50
28	1,1-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.072	0.50
29	1,2-Dichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.17	0.50
	1,1-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.14	0.50
31	1,2-Dichloropropane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.12	0.50
	cis-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.060	0.50
	trans-1,3-Dichloropropene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.072	0.50
33	Ethylbenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.080	0.50
	Bromomethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.077	0.50
	Chloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.097	0.50
18	Acrylonitrile	EPA 624		ug/l	ND	ND	ND	ND	ND	0.19	2.0
36	Methylene chloride	EPA 624		ug/l	ND	ND	ND	ND	ND	0.48	0.50
37	1,1,2,2-Tetrachloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.086	0.50
	Tetrachloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.092	0.50
39	Toluene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.092	0.30
	trans-1,2-Dichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.11	0.50
41	1,1,1-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.091	0.50
42	1,1,2-Trichloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.13	0.50
	Trichloroethene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.12	0.50
	Trihalomethanes (total)	EPA 624		ug/l	ND	ND	ND	ND	0.17	0.11	0.50
44	Vinyl chloride	EPA 624		ug/l	ND	ND	ND	ND	ND	0.060	0.50
75	1,2-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.099	0.50
19	Benzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.053	0.30
76	1,3-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.11	0.50
20	Bromoform	EPA 624		ug/l	ND	ND	ND	ND	ND	0.093	0.50
21	Carbon tetrachloride	EPA 624		ug/l	ND	ND	ND	ND	ND	0.11	0.50
22	Chlorobenzene	EPA 624		ug/l	ND	ND	ND	ND	ND	0.083	0.50
	Dibromochloromethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.075	0.50
24	Chloroethane	EPA 624		ug/l	ND	ND	ND	ND	ND	0.13	0.50
25	2-Chloroethylvinyl ether	EPA 624		ug/l	ND	ND	ND	ND	ND	0.93	1.0
26	Chloroform	EPA 624		ug/l	ND	ND	ND	ND	0.17	0.11	0.50
45	2-Chlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.66	5.0
54	Phenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.46	1.0
55	2,4,6-Trichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.74	10
56	Acenaphthene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.57	1.0
57	Acenaphthylene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.48	10
58	Anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.39	10
59	Benzidine	EPA 625		ug/l	ND	ND	ND	ND	ND	3.4	5.0
60	Benzo (a) anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.39	5.0
61	Benzo (a) pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.50	10

Table 6

					Sample Location					Location Description	
					RWQCB K (Cemetery)					Downstream Permanente	
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
62	Benzo (b) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.93	5.0
46	2,4-Dichlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.66	5.0
64	Benzo (k) fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.34	10
65	Bis(2-chloroethoxy)methane	EPA 625		ug/l	ND	ND	ND	ND	ND	0.81	5.0
66	Bis(2-chloroethyl)ether	EPA 625		ug/l	ND	ND	ND	ND	ND	0.14	1.0
67	Bis(2-chloroisopropyl)ether	EPA 625		ug/l	ND	ND	ND	ND	ND	0.41	2.0
68	Bis(2-ethylhexyl)phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.83	5.0
69	4-Bromophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	ND	0.43	5.0
70	Butyl benzyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.64	10
	2-Chloronaphthalene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.57	10
72	4-Chlorophenyl phenyl ether	EPA 625		ug/l	ND	ND	ND	ND	ND	0.93	5.0
73	Chrysene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.83	10
47	2,4-Dimethylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	1.2	2.0
75	1,2-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.099	0.50
76	1,3-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.069	0.50
77	1,4-Dichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.11	0.50
78	3,3'-Dichlorobenzidine	EPA 625		ug/l	ND	ND	ND	ND	ND	2.0	5.0
79	Diethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.86	2.0
80	Dimethyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.68	2.0
81	Di-n-butyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.91	10
82	2,4-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.68	5.0
83	2,6-Dinitrotoluene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.54	5.0
84	Di-n-octyl phthalate	EPA 625		ug/l	ND	ND	ND	ND	ND	0.65	10
85	1,2-Diphenylhydrazine	EPA 625		ug/l	ND	ND	ND	ND	ND	0.33	1.0
86	Fluoranthene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.76	1.0
48	4,6-Dinitro-2-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.75	5.0
87	Fluorene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.81	10
88	Hexachlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.89	1.0
89	Hexachlorobutadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.84	1.0
90	Hexachlorocyclopentadiene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.45	5.0
91	Hexachloroethane	EPA 625		ug/l	ND	ND	ND	ND	ND	0.58	1.0
92	Indeno (1,2,3-cd) pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.63	10
93	Isophorone	EPA 625		ug/l	ND	ND	ND	ND	ND	0.81	1.0
94	Naphthalene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.66	1.0
95	Nitrobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.74	1.0
96	N-Nitrosodimethylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	1.1	5.0
49	2,4-Dinitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	1.3	5.0
97	N-Nitrosodi-n-propylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	0.85	5.0
98	N-Nitrosodiphenylamine	EPA 625		ug/l	ND	ND	ND	ND	ND	0.90	1.0
99	Phenanthrene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.45	10
101	1,2,4-Trichlorobenzene	EPA 625		ug/l	ND	ND	ND	ND	ND	0.59	5.0
50	2-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.90	10

Table 6

					Sample Location					Location Description	
					RWQCB K (Cemetery)					Downstream Permanente	
					Sample Date	Sample Date	Sample Date	Sample Date	Sample Date		
CTR Number	Analyte	Method	CAS Number	Units	1/10/2012	2/14/2012	3/6/2012	4/17/2012	5/22/2012	Method Detection Limit	Method Reporting Limit
51	4-Nitrophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.99	10
52	4-Chloro-3-methylphenol	EPA 625		ug/l	ND	ND	ND	ND	ND	0.58	1.0
53	Pentachlorophenol	EPA 625		ug/l	ND	ND	ND	ND	ND	1.4	5.0
56	Acenaphthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.57	1.0
57	Acenaphthylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.48	10
73	Chrysene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.76	10
74	Dibenz (a,h) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.83	10
58	Anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.39	10
86	Fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.76	1.0
87	Fluorene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.81	10
92	Indeno (1,2,3-cd) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.63	10
	2-Methylnaphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	1.0	1.0
60	Benzo (a) anthracene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.39	5.0
94	Naphthalene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.66	1.0
61	Benzo (a) pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.50	10
99	Phenanthrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.65	5.0
100	Pyrene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.45	10
62	Benzo (b) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.64	10
63	Benzo (g,h,i) perylene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.93	5.0
64	Benzo (k) fluoranthene	EPA 625SIM		ug/l	ND	ND	ND	ND	ND	0.34	10
	Hardness, Total	SM2340B		mg/l	623	597	642	597	488	1	5
	Salinity	SM2520B		g/kg	ND	ND	ND	ND	ND	2.0	2.0
	Total Dissolved Solids	SM2540C		mg/l	880	840	950	900	700	4.2	10
	Total Suspended Solids	SM2540D		mg/l	1.4	2.1	ND	4.1	220	0.30	1.0
	Total Settleable Solids	SM2540F		ml/l/hr	ND	ND	ND	ND	0.50	0.10	0.10
5	Chromium, hexavalent	SM3500-Cr B		mg/l	ND	ND	ND	ND	ND	0.0050	0.010
	Chemical Oxygen Demand	SM5220D		mg/l	ND	23	ND	21	97	3.2	10
	Total Organic Carbon	SM5310C		mg/l	1.11	1.52	1.18	1.15	2.49	0.0400	0.300
	Tributyltin	GC-FPD		ug/l	ND	ND	ND	ND	ND		0.05
	Dibutyltin	GC-FPD		ug/l							0.002
	Monobutyltin	GC-FPD		ug/l							0.002
	Chrysotile asbestos structures	TEM		MFL*	ND	7.6	2.12	5.11	ND	0.2	
	Amphibole asbestos structures	TEM		MFL	ND	2.1	0.85	0.53	ND	0.2	
	Methyl Mercury total	EPA 1630		ng/l	ND	0.02 J	0.02 J	0.04 J	ND	0.02	0.049
	Se(IV) dissolved	SOP BR-0061 HPLC		ug/l	ND	0.87	3.6	1.8	2.3	0.4	2
	Se(VI) dissolved	SOP BR-0061 HPLC		ug/l	23	21	28	36	31	2	10
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND cmpnds	pg/l	20	21	22	24	24	varies	varies
	Dioxin Furan (25 total cmpnds)	USEPA 1613B	ND J cmpnds	pg/l	5	4	3	1	1	varies	varies

Notes

*Million of fibers per liter

J - reflects estimated analytical result value detected below the Reporting Limit (RL) and above the Method

Detection Limit (MDL). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

J - Dioxin Furan

Estimated concentration between the Estimated Detection Limit and Reported Detection Limit