

Environmental Protection Agency,
Office of Climate, Licence and Resource Use,
EPA,
PO Box 3000
Johntown Castle Estate
Co. Wexford

Date: 13th June 2012

Register No.: P0269-02
Company Name: Basta Parsons Ltd.
Report Name: Response to letter 8 May 2012

Dear Noeleen,

Please find attached the monitoring results as per Schedule 2(ii) for the past 3 years for SW1.
Please note that amendments were made to Schedule 2(ii) in accordance with Condition 10.5 of the IPC licence in May 2009.

If you require any additional information, please do not hesitate to contact me.

Yours sincerely,

James Loftus
Basta Parsons Ltd.

For inspection purposes only.
Consent of copyright owner required for any other use.

Number 280319

Certificate of Incorporation on change of name

I hereby certify that

BASTA HARDWARE LIMITED

having, by a Special Resolution of the Company,
and with the approval of the Minister for Enterprise,
Trade and Employment, changed its name, is now
incorporated as a limited company under the name

BASTA PARSONS LIMITED

and I have entered such name on the Register accordingly.

Given under my hand at Dublin, this
Wednesday, the 2nd day of May, 2001


for Registrar of Companies

For inspection purposes only.
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Table 1: Daily results on effluent at SW1
Jan -December 2009

	Flow	COD	S.S	Ammonia (N)	Temp.	Temp	pH	BOD	Phenols	Cyanide	T.H. Metals	Zinc	Nickel	Copper	Chromium	Chromium (VI)	Cadmium	Total Phosphorous	OFG	Total Chlorine	Free Chlorine		
Limits (mg/l)	200m3/Day	100	30mg/l	10mg/l	150oC	2	6-9	20mg/l	N/A	0.05	3mg/l	0.5mg	0.5mg/l	0.5mg	0.5mg/l	0.1mg/l	0.1mg/l	2.0 mg/l	20mg/l	no limit	no limit		
05-Jan-09	Holidays																						
06-Jan-09		18.00	33			1	8.36			0.012	0.705	0.13	0.35	0.09	0.135	0.091					0.02	0.021	
07-Jan-09		51.00	30			2	7.36			0.009		0.19	0.1	0.07	0.09	0.098					0.45	0.56	
08-Jan-09		47.00	26			6	7.2			0.04		0.22	0.418	0.05	0.1	0.063					1.25	0.79	
09-Jan-09		40.00	20			7	7.35			0.01		0.34	0.083	0.11	0.09	0.053					0.79	0.82	
12-Jan-09		55.00	25			12	7.88			0.009	0.518	0.16	0.138	0.11	0.11	0.07					0.02	0.32	
13-Jan-09		50.00	32			8	7.50			0.014		0.12	0.485	0.04	0.07	0.054					1.2	0.9	
14-Jan-09		59.00	39			7	7.34			0.016		0.13	0.331	0.35	0.1	0.073					0.63	0.21	
15-Jan-09	No Prodn					No Prodn				No Prodn			No Prodn		No Prodn								
16-Jan-09	No Prodn					No Prodn				No Prodn			No Prodn		No Prodn								
19-Jan-09		58.00	44			7	8.15			0.012	0.499	0.11	0.199	0.07	0.12	0.049					0.79	0.45	
20-Jan-09		50.00	50			7	8.45			0.035		0.10	0.33	0.13	0.06	0.001					0.06	0.36	
21-Jan-09		66.00	40			6	7.03			0.013		0.12	0.154	0.13	0.07	0.045					0.33	0.37	
22-Jan-09		50.00	48			9	7.16			0.01		0.08	0.136	0.17	0.09	0.059					1.01	0.39	
23-Jan-09		37.00	35			6	7.19			0.016		0.10	0.08	0.05	0.09	0.045					0.13	0.03	
26-Jan-09		64.00	54		149.4	9	7.25			0.005	0.354	0.07	0.264	0.01	0.01	0.044					2.12	0.18	
27-Jan-09		65.00	41		148.5	11	7.13			0.011		0.11	0.417	0.06	0.08	0.04					0.26	3.08	
28-Jan-09		66.00	38		148.9	10	7.45			0.013		0.14	0.255	0.15	0.13	0.069					6.24	0.52	
29-Jan-09		37.00	39		150	11	7.52			0.012		0.16	0.168	0.11	0.17	0.113					15.1	0.46	
30-Jan-09		37.00	20.5	<2	149.7	14	7.34	6	<0.022	0.047		0.14	0.095	0.07	0.22	0.087					3.37	0.36	
02-Feb-09		40.00	18		149	6	7.05			0.009	0.526	0.16	0.096	0.06	0.21	0.084					2.74	0.42	
03-Feb-09		41.00	43		149.1	6	7.30			0.01		0.1	0.109	0.06	0.15	0.097					6.15	0.75	
04-Feb-09		52.00	36		149	6	7.24			0.007		0.12	0.076	0.03	0.12	0.06					6.37	0.43	
05-Feb-09		44.00	43		149.5	7	7.30			0.008		0.16	0.32	0.02	0.14	0.047					15	0.7	
06-Feb-09		49.00	39.5		150	7	7.38			0.008		0.13	0.26	0.02	0.13	0.037					11.1	0.64	
09-Feb-09		38.00	48		149.7	7	7.29			0.01	0.537	0.17	0.247	0.03	0.09	0.038					3.16	0.09	
10-Feb-09		37.00	28.5		149.4	8	7.28			0.014		0.14	0.279	0.01	0.1	0.028					5	0.85	
11-Feb-09		33.00	33		149.8	8	7.22			0.012		0.17	0.044	0.04	0.16	0.099					1.66	0.33	
12-Feb-09	No prodn				No prodn		No prodn			No prodn			No prodn			No prodn							
13-Feb-09	No prodn				No prodn		No prodn			No prodn			No prodn			No prodn							
16-Feb-09		37.00	55		149.5	12	7.48			0.048	0.469	0.16	0.119	0.03	0.16	0.017					1.14	0.06	
17-Feb-09		37.00	41		148.1	10	7.42			0.043		0.22	0.249	0.05	0.07	0.084					11	0.9	
18-Feb-09		40.00	28		149	12	9.00			0.005		0.20	0.06	0.05	0.15	0.071					3.92	0.78	
19-Feb-09		50.00	5		149.3	12	7.50			0.021		0.16	0.174	0.18	0.15	0.098					0.95	0.3	
20-Feb-09		48.00	10		148.6	8	7.45			0.013		0.14	0.151	0.08	0.12	0.071					2.02	0.34	
24-Feb-09		41.00	62		148.8	14	8.90			0.0251	1.086	0.34	0.286	0.34	0.12	0.065					2.91	0.25	
25-Feb-09		40.00	51		148.1	12	7.60			0.008		0.29	0.5	0.09	0.1	0.062					5.79	1.04	
26-Feb-09		41.00	44		149.5	13	8.86			0.007		0.32	0.45	0.09	0.12	0.047					5.99	0.76	
27-Feb-09		36.00	23	<2	149	14	8.41	<2		0.009		0.15	0.497	0.05	0.1	0.071					3.01	0.98	
02-Mar-09		31.00	27		148	12	7.65			0.006	0.92	0.24	0.5	0.08	0.1	0.084					6.21	0.47	
03-Mar-09		36.00	31		150	11	7.22			0.013		0.23	0.5	0.07	0.1	0.053					3.05	0.46	
04-Mar-09		30.00	28		150	8	7.50			0.004		0.19	0.28	0.08		0.056					2.66	0.67	
05-Mar-09		35.00	20		149	9	7.39			0.01		0.28	0.354	0.04	0.12	0.025					6.33	0.42	
06-Mar-09		17.00	9		149.5	9	7.32			0.009		0.31	0.096	0.22	0.08	0.04					5.12	0.3	
09-Mar-09		26.00	36		149	8	7.57			0.05	0.382	0.16	0.112	0.05	0.06	0.019					1.24	0.09	
10-Mar-09		38.00	37		149.5	12	7.74			0.050		0.07	0.226	0.07	0.08	0.032					4.01	0.289	
11-Mar-09		39.00	100		149	14	7.44			0.044		0.25	0.241	0.05	0.11	0.076					0.47	0.12	
12-Mar-09		39.00	86		149	13	7.43			0.045		0.26	0.141	0.05	0.12	0.095					3.04	0.28	
13-Mar-09		42.00	67		149.1	13	7.51			0.033		0.16	0.12	0.04	0.11	0.098					5.09	0.24	
16-Mar-09	Holidays																						
17-Mar-09	Holidays																						
18-Mar-09		32.00	48		149.5	14	7.76			0.035	0.544	0.18	0.214	0.09	0.06	0.033					0.21	0.21	
19-Mar-09		37.00	92		149.4	12	8.33			0.011		0.18	0.393	0.01	0.11	0.064					0.28	0.05	
20-Mar-09		33.00	21	<2	149.5	13	21.00	4		0.027		0.38	0.268	0.05	0.09	0.059					1.04	0.23	
23-Mar-09		36.00	42		148.5	13	7.87			0.018	0.872	0.19	0.322	0.25	0.11	0.084					0.92	0.11	
24-Mar-09		36.00	57	3.3	150	12	8.72			0.014		0.21	0.386	0.19	0.14	0.084	<0.004	<0.02	11		1.2	0.23	
25-Mar-09		36.00	41		149.3	12	7.58			0.008		0.21	0.274	0.05	0.16	0.100					3.02	0.74	
26-Mar-09		44.00	64		148.5	14	7.59			0.007		0.16	0.135	0.1	0.15	0.1					0.94	0.28	
27-Mar-09		68.00	49		149.4	14	7.66			0.05		0.17	0.06	0.33	0.09	0.06					2.61	0.1	
30-Mar-09	No Production				No Production		No Production			No Production			No Production			No Production							
31-Mar-09	No Production				No Production		No Production			No Production			No Production			No Production							
01-Apr-09		55.00	44		149.4	12	7.77			0.031	0.66	0.21	0.29	0.11	0.05	0.087					0.23	0.22	

29-Jan-10	51.0	10			149.5	#	7.52			0.016	#	#	#	#	#	#			1.24	0.51	
01-Feb-10	143.0	11			148.5	6	7.89			0.006	0.731	0.18	0.461	0.08	0.01	0.099			0.75	0.06	
02-Feb-10	156.0	9			148.2	#	6.61			0.008	#	#	#	#	#	#			0.22	0.06	
03-Feb-10	157.0	19			149.3	#	7.72			0.021	#	#	#	#	#	#			1.65	0.13	
04-Feb-10	192.0	13			148.4	#	6.73			0.011	#	#	#	#	#	#			0.76	0.03	
05-Feb-10	69.0	6			148.7	#	6.84			0.017	#	#	#	#	#	#			1.43	0.08	
08-Feb-10	32.0	31			149.2	7	7.33			0.05	0.66	0.14	0.47	0.01	0.04	0.012			1.92	0.19	
09-Feb-10	72.0	35			149.4	#	6.97			0.026	#	#	#	#	#	#			0	0	
10-Feb-10	55.0	23			150	#	7.62			0.033	#	#	#	#	#	#			0.03	0.05	
11-Feb-10	61.0	13			148.7	#	7.48			0.011	#	#	#	#	#	#			0.48	0.21	
12-Feb-10	74.0	15			148.8	#	7.13			0.049	#	#	#	#	#	#			0.87	0.1	
15-Feb-10	45.0	5			149.3	6	7.71			0.017	0.621	0.28	0.241	0.06	0.04	0.035			2.02	0.18	
16-Feb-10	78.0	8			148.4	#	7.09			0.013	#	#	#	#	#	#			0.88	0.04	
17-Feb-10	72.0	86			150	#	6.83			0.009	#	#	#	#	#	#			0.01	0.03	
18-Feb-10	57.0	93			149.9	#	7.79			0.015	#	#	#	#	#	#			0	0	
19-Feb-10	56.0	84			150	#	7.66			0.009	#	#	#	#	#	#			0.02	0.03	
22-Feb-10	52.0	17			149.8	3	7.66			0.015	0.888	0.29	0.468	0.13	0	0.024			0	0.01	
23-Feb-10	55.0	9			149.3	#	7.90			0.018	#	#	#	#	#	#			0.01	0.03	
24-Feb-10	52.0	23	<2	1.48	149.6	#	6.71	5	<0.002	0.027	#	#	#	#	#	#	0.0001	0.0341	<1	0.09	0.38
25-Feb-10	16.0	3			150	#	7.81			0.044	#	#	#	#	#	#			1.08	0.51	
26-Feb-10	No Production																				
01-Mar-10	No Production																				
02-Mar-10	62.0	8			149.6	3	7.64			0.008	0.961	0.36	0.421	0.17	0.01	0.02			0.32	0.08	
03-Mar-10	55.0	11			150	#	7.98			0.007	#	#	#	#	#	#			0.89	0.44	
04-Mar-10	66.0	3			150	#	7.90			0.014	#	#	#	#	#	#			1.02	0.62	
05-Mar-10	54.0	10			149.5	#	7.75			0.013	#	#	#	#	#	#			0.59	0.14	
08-Mar-10	24.0	10			149.2	4	7.55			0.011	1.142	0.33	0.382	0.34	0.09	0.066			0.27	0.24	
09-Mar-10	63.0	5			148.5	#	7.36			0.015	#	#	#	#	#	#			0.29	0.2	
10-Mar-10	71.0	23			150	#	7.5			0.02	#	#	#	#	#	#			1.65	0.23	
11-Mar-10	71.0	83			150	#	7.43			0.038	#	#	#	#	#	#			0.09	0.01	
12-Mar-10	46.0	24			150	#	7.78			0.043	#	#	#	#	#	#			0.51	0.01	
15-Mar-10	175.0	33			148.8	8	7.82			0.037	1.355	0.50	0.495	0.14	0.22	0.081			1.23	0.12	
16-Mar-10	82.0	40			150	#	7.70			0.012	#	#	#	#	#	#			1.11	0.01	
	No Production																				
22-Mar-10	57.0	27			150	10	7.64			0.034	0.978	0.43	0.498	0.01	0.04	0.029			0.12	0.27	
23-Mar-10	60.0	13			150	#	7.46			0.013	#	#	#	#	#	#			0.03	0	
24-Mar-10	68.0	38			149.2	#	7.52			0.05	#	#	#	#	#	#			0.07	0.02	
25-Mar-10	70.0	40			149.8	#	7.43			0.05	#	#	#	#	#	#			0.01	0.07	
26-Mar-10	47.0	57			149.6	#	7.80			0.047	#	#	#	#	#	#			0.04	0.05	
29-Mar-10	53.0	96			149.4	9	7.43			0.028	1.19	0.49	0.5	0.2	0	0.033			0	0.01	
30-Mar-10	59.0	95			148.6	#	7.51			0.026	#	#	#	#	#	#			0.01	0.04	
31-Mar-10	71.0	76			149.7	#	7.57			0.049	#	#	#	#	#	#			0.03	0.06	
01-Apr-10	57.0	47			150	#	7.39			0.039	#	#	#	#	#	#			0.02	0.07	
02-Apr-10	No production																				
	HOLIDAYS																				
12-Apr-10	157.0	52			150	13	7.97			0.041	1.33	0.50	0.49	0.33	0.01	0.39			0.03	0.03	
13-Apr-10	136.0	36			149.4	#	7.13			0.04	#	#	#	#	#	#			0.04	0.08	
14-Apr-10	61.0	48			149.2	#	7.08			0.048	#	#	#	#	#	#			0.03	0.06	
15-Apr-10	140.0	16			150	#	7.43			0.036	#	#	#	#	#	#			0.05	0.05	
16-Apr-10	59.0	17			149.4	#	7.22			0.009	#	#	#	#	#	#			0.04	0.04	
19-Apr-10	150.0	15			148.7	9	7.10			0.046	0.869	0.38	0.259	0.19	0.04	0.03			1	0.16	
20-Apr-10	69.0	11			148.4	#	6.86			0.05	#	#	#	#	#	#			0.7	0.05	
21-Apr-10	19.0	10			150	#	6.97			0.049	#	#	#	#	#	#			0.03	0.09	
22-Apr-10	127.0	7			149.9	#	8.02			0.05	#	#	#	#	#	#			0.14	0.11	
23-Apr-10	59.0	10			150	#	8.10			0.049	#	#	#	#	#	#			0.03	0.05	
26-Apr-10	59.0	31			149.5	14	7.92			0.017	0.698	0.42	0.108	0.12	0.05	0.03			0.13	0.04	
27-Apr-10	169.0	51			149.4	#	7.84			0.05	#	#	#	#	#	#			0.05	0.05	
28-Apr-10	84.0	26			149.5	#	7.57			0.028	#	#	#	#	#	#			0.07	0.07	
29-Apr-10	67.0	41			149.6	#	6.91			0.05	#	#	#	#	#	#			0.08	0.04	
30-Apr-10	62.0	36			149.2	#	7.07			0.047	#	#	#	#	#	#			0.1	0.1	
03-May-10	HOLIDAY																				
04-May-10	46.0	18			149.8	14	8.50			0.009	1.005	0.41	0.465	0.12	0.01	0.081			0.24	0.09	
05-May-10	50.0	15			148.4	#	7.20			0.02	#	#	#	#	#	#			0.67	0.35	
06-May-10	69.0	29			149	#	6.25			0.016	#	#	#	#	#	#			0.6	0.13	
07-May-10	56.0	24			149.8	#	7.75			0.013	#	#	#	#	#	#			0.37	0.1	
10-May-10	61.0	No Production																			
11-May-10	59.0	17			149.3	13	7.32			0.012	0.936	0.45	0.306	0.15	0.03	0.052			0.08	0.07	
12-May-10	55.0	17			148.3	#	7.37			0.011	#	#	#	#	#	#			0.51	0.29	
13-May-10	52.0	6			148.2	#	7.65			0.009	#	#	#	#	#	#			0.33	0.26	
14-May-10	52.0	21			149.1	#	7.71			0.04	#	#	#	#	#	#			0.34	0.18	
17-May-10	46.0	80			149.7	14	7.42			0.05	0.906	0.38	0.256	0.25	0.02	0.086			0.1	0.55	
18-May-10	53.0	26			149.2	#	7.40			0.011	#	#	#	#	#	#			0.1	0.1	

Comment of EPA Region 10 required for any other use.

19-May-10		53.0	17			149.5	#	7.46			0.03	#	#	#	#	#	#			0.12	0.16	
20-May-10		56.0	12			149.7	#	7.47			0.046	#	#	#	#	#	#			0.16	0.2	
21-May-10	No Production																					
24-May-10		89.0	15			148.9	19	7.73			0.008	1.01	0.44	0.360	0.16		0.05	0.038		0.13	0.11	
25-May-10		54.0	30			149.1	#	7.52			0.05	#	#	#	#	#	#	0.078		0.16	0.14	
26-May-10		48.0	18			148.3	#	7.53			0.021	#	#	#	#	#	#	0.062		0.19	0.1	
27-May-10	No Production																				no prod	
28-May-10	No Production																				no prod	
31-May-10	No Production																					
01-Jun-10	No Production																					
02-Jun-10		55.0	6			149.9	15	7.60			0.039	0.788	0.30	0.378	0.07	0.04	0.057			0.55	0.38	
03-Jun-10		56.0	16			149.8	#	7.55			0.011	#	#	#	#	#	#			1.28	0.43	
04-Jun-10		44.0	32			149.1	#	7.45			0.018	#	#	#	#	#	#			0.74	0.47	
07-Jun-10	Holiday																					
08-Jun-10		45.0	9			149	17	7.33			0.021	0.824	0.40	0.234	0.14	0.05	0.077			0.08	0.09	
09-Jun-10		46.0	11			148.1	#	7.41			0.014	#	#	#	#	#	#			0.68	0.42	
10-Jun-10		43.0	2			149.7	#	7.52			0.014	#	#	#	#	#	#			1.33	0.51	
11-Jun-10		37.0	8			148.1	#	7.35			0.016	#	#	#	#	#	#			0.69	0.33	
14-Jun-10	No Production																					
15-Jun-10		43.0	11			149.6	18	7.27			0.021	0.74	0.34	0.21	0.07	0.12	0.091			0.49	0.39	
16-Jun-10		44.0	21			149.6	#	7.38			0.011	#	#	0.347	#	#	0.081			0.12	0.12	
17-Jun-10	No Production																					
18-Jun-10	No Production																					
21-Jun-10		37.0	9			150	19	7.45			0.009	0.61	0.45	#	0.12	0.04	0.081			0.11	0.13	
22-Jun-10		47.0	22			148.5	#	7.61			0.04	#	#	#	#	#	#			0.09	0.07	
23-Jun-10		50.0	5			149.2	#	7.35			0.049	#	#	#	#	#	#			0.09	0.1	
24-Jun-10		56.0	32			149.4	#	7.40			0.036	#	#	0.047	#	#	#			0.14	0.12	
25-Jun-10	No Production																					
28-Jun-10	No Production																					
29-Jun-10		50.0	13			150	18	7.35			0.037	0.664	0.27	0.314	0.03	0.05	0.095			0.05	0.06	
30-Jun-10		48.0	20			148.5	#	7.20			0.013	#	#	0.229	#	#	0.082			0.14	0.13	
01-Jul-10		48.0	30			148.2	#	7.22			0.037	#	#	#	#	#	#			0.14	0.13	
02-Jul-10		50.0	23			149.1	#	7.14			0.04	#	#	#	#	#	#			0.21	0.14	
05-Jul-10		44.0	24			149.1	18	7.26			0.045	0.936	0.220	0.486	0.16	0.07	0.095			0.15	0.19	
06-Jul-10		48.0	25			148.3	#	7.14			0.036	#	#	0.457	#	#	#			0.14	0.15	
07-Jul-10		45.0	15			150	#	7.30			0.036	#	#	#	#	#	#			0.04	0.06	
08-Jul-10		48.0	20			148.5	#	7.33			0.045	#	#	#	#	#	#			0.34	0.2	
09-Jul-10	No Production																					
12-Jul-10		55.0	3			150	17	7.42			0.024	0.988	0.460	0.358	0.07	0.1	0.093			0.52	0.33	
13-Jul-10		64.0	17			149.2	#	7.34			0.014	#	#	0.149	#	#	#			0.12	0.1	
14-Jul-10		50.0	15			149.1	#	7.36			0.013	#	#	#	#	#	0.092			0.25	0.07	
15-Jul-10		56.0	12			148.2	#	7.48			0.017	#	#	#	#	#	#			0.15	0.19	
16-Jul-10	No Production					No Production					No Production						No Production				no prod	
19-Jul-10		89.0	30			149.4	19	7.33			0.013	1.329	0.450	0.499	0.34	0.04	0.049			0.17	0.2	
20-Jul-10		44.0	18			148.4	#	7.20			0.016	#	#	0.425	#	#	0.031			0.27	0.18	
21-Jul-10		57.0	29			148.4	#	7.22			0.023	#	#	0.086	#	#	#			0.29	0.14	
22-Jul-10		66.0	32			148.8	#	7.39			0.019	#	#	#	#	#	#			0.45	0.41	
23-Jul-10		65.0	10			150	#	7.37			0.048	#	#	#	#	#	#			0.19	0.12	
08-Aug-10																						
09-Aug-10	HOLIDAYS					HOLIDAYS					HOLIDAYS						HOLIDAYS					
10-Aug-10		49.0	11			149.5	15	7.30			0.048	0.458	0.250	0.068	0.09	0.05	0.057			0.14	0.07	
11-Aug-10		63.0	15			148.5	#	7.58			0.044	#	#	#	#	#	#			0.1	0.05	
12-Aug-10		54.0	21			149.3	#	7.65			0.03	#	#	#	#	#	#			0.22	0.15	
13-Aug-10		51.0	0			150	#	7.54			0.014	#	#	#	#	#	0.043			0.1	0.08	
16-Aug-10	No Production					No Production					No Production						No Production				no prod	
17-Aug-10		50.0	15			149.4	19	7.56			0.01	1.021	0.320	0.491	0.17	0.04	0.048			0.06	0.06	
18-Aug-10		64.0	30			148.7	#	7.55			0.016	#	#	#	#	#	0.058			0.54	0.41	
19-Aug-10		59.0	22			148.2	#	7.51			0.045	#	#	#	#	#	#			0.18	0.1	
20-Aug-10		56.0	26			148.3	#	7.60			0.047	#	#	#	#	#	#			0.08	0.08	
23-Aug-10	No Production					No Production					No Production						No Production				no prod	
24-Aug-10		18.0	21			149	18	7.35			0.009	0.396	0.130	0.106	0.1	0.06	0.054			0.12	0.07	
25-Aug-10		64.0	8			149.6	#	7.38			0.041	#	#	#	#	#	0.044			0.49	0.33	
26-Aug-10		63.0	9			149.8	#	7.46			0.04	#	#	#	#	#	#			0.58	0.78	
27-Aug-10		66.0	15			149.3	#	7.32			0.022	#	#	#	#	#	#			0.06	0.14	
30-Aug-10	No Production					No Production					No Production						No Production				no prodn	
31-Aug-10		40.0	23			149.5	13	7.38			0.015	0.485	0.300	0.075	0.07	0.04	0.056			0.09	0.09	
01-Sep-10		59.0	28			149.3	#	7.35			0.048	#	#	#	#	#	#			0.06	0.09	
02-Sep-10		55.0	24			149.6	#	7.49			0.045	#	#	0.467	#	#	0.08			0.22	0.19	
03-Sep-10		55.0	29			149.8	#	7.44			0.022	#	#	#	#	#	#			0.15	0.08	
06-Sep-10	No Production					No Production					No Production						No Production				no prodn	
07-Sep-10		31.0	20	<2		148.7	18	7.38			0.016	0.583	0.250	0.143	0.14	0.05	0.045			0.15	0.16	
08-Sep-10		59.0	2			148.2	#	7.27			0.032	#	#	0.323	#	#	#			0.22	0.26	

Consent of EPA Region 9 required for any other use.

10-Mar-11	68.0	4			150	#	7.70			0.011		#	#	#	#	#			1.81	0.11
11-Mar-11	52.0	3			149.3	#	7.76			0.015		#	#	#	#	#			0.24	0.05
14-Mar-11	43.0	19			148	7	7.56			0.01	0.38	0.08	0.173	0.01	0.120	0.096			1.06	0.11
15-Mar-11	65.0	16	3mg/L	0.271mg/L	149.8	#	7.49	14mg/L	<0.013mg/l	0.016		#	#	#	#	0.082	0.0152mg/l	0.06mg/l	1.60	0.20
16-Mar-11	Closed				Closed							Closed								
17-Mar-11	Closed				Closed							Closed								
18-Mar-11	Closed				Closed							Closed								
21-Mar-11	Closed				Closed							Closed								
22-Mar-11	56.0	41			149.3	13	7.32			0.017	0.55	0.15	0.148	0.06	0.190	#			0.25	0.30
23-Mar-11	59.0	33			149.7	#	7.21			0.019		#	#	#	#	0.080			0.22	0.06
24-Mar-11	75.0	25			150	#	7.30			0.015		#	#	#	#	0.097			0.10	0.01
25-Mar-11	75.0	18			149.9	#	7.29			0.028		#	#	#	#	#			0.14	0.05
28-Mar-11	72.0	1			149.6	11	7.20			0.014	0.96	0.30	#	0.09	0.150	0.040			0.07	0.25
29-Mar-11	84.0	0			149.9	#	7.20			0.011		#	0.423	#	#	0.070			0.01	0.00
30-Mar-11	72.0	0			150	#	7.14			0.009		#	0.246	#	#	0.058			0.18	0.06
31-Mar-11	82.0	6			149.7	#	7.36			0.021		#	0.259	#	#	#			0.13	0.03
01-Apr-11	68.0	8			149.5	#	7.42			0.013		#	0.310	#	#	0.078			0.08	0.05
04-Apr-11	58.0	17			149.6	11	7.34			0.012	0.78	0.28	0.224	0.09	0.190	0.035			0.19	0.07
05-Apr-11	60.0	25			149.5	#	7.43			0.013		#	0.185	#	#	0.063			0.05	0.03
06-Apr-11	76.0	8			150	#	7.33			0.016		#	0.276	#	#	#			0.11	0.05
07-Apr-11	69.0	23			149.9	#	7.15			0.026		#	#	#	#	#			0.15	0.05
08-Apr-11	Closed		Closed		Closed				Closed			Closed		Closed		Closed		Closed		
11-Apr-11	Closed		Closed		Closed				Closed			Closed		Closed		Closed		Closed		
12-Apr-11	60.0	3			150	11	7.25			0.012	0.59	0.16	0.153	0.06	0.220	0.023			0.26	0.19
13-Apr-11	42.0	14			150	#	7.20			0.011		#	#	#	#	0.061			0.09	0.05
14-Apr-11	67.0	6			148.9	#	7.08			0.014		#	0.060	#	#	#			0.19	0.07
15-Apr-11	69.0	3			150	#	7.18			0.018		#	0.133	#	#	#			0.23	0.10
18-Apr-11	62.0	12			148.2	14	7.24			0.012	0.82	0.15	0.342	0.08	0.250	#			0.30	0.09
19-Apr-11	42.0	7			150	#	7.30			0.008		#	0.163	#	#	#			0.23	0.08
20-Apr-11	48.0	10			149.1	#	7.27			0.016		#	0.023	#	#	0.029			0.26	0.07
21-Apr-11	67.0	0			149.1	#	7.25			0.022		#	#	#	#	0.063			0.15	0.04
22-Apr-11	57.0	13			149.5	#	7.20			0.029		#	#	#	#	0.037			0.19	0.10
02-May-11	Holidays.				Holidays.					Holidays.						Holidays.				
03-May-11	57.0	33			150	15	7.58			0.027	0.61	0.15	0.328	0.08	0.050	0.049			0.07	0.04
04-May-11	17.0	44			148.1	#	7.17			0.018		#	#	#	#	0.046			0.10	0.07
05-May-11	71.0	34			148.4	#	7.24			0.024		#	#	#	#	0.024			0.13	0.11
06-May-11	75.0	19			148.7	#	7.01			0.027		#	#	#	#	#			0.14	0.03
09-May-11	55.0	15			148.9	16	7.36			0.019	0.49	0.22	0.189	0.06	0.020	0.042			0.14	0.03
10-May-11	41.0	30			149.4	#	7.14			0.011		#	#	#	#	0.013			0.05	0.02
11-May-11	57.0	27			149.9	#	7.08			0.01		#	#	#	#	0.015			0.09	0.06
12-May-11	48.0	17			148.4	#	7.15			0.05		#	#	#	#	#			0.14	0.01
13-May-11	86.0	1			150	#	7.36			0.042		#	#	#	#	#			0.41	0.22
16-May-11	55.0	5			149.2	14	7.42			0.02	0.54	0.23	0.259	0.05	0.000	0.040			0.12	0.05
17-May-11	No Production				No Production							No Production								
18-May-11	88.0	18			148.7	#	7.17			0.029		#	0.187	#	#	0.016			0.08	0.03
19-May-11	78.0	5			149.5	#	7.63			0.027		#	0.171	#	#	0.009			0.38	0.05
20-May-11	67.0	2			148.5	#	7.11			0.04		#	#	#	#	#			0.38	0.05
23-May-11	73.0	17			148.7	15	7.20			0.031	0.19	0.08	0.087	0.01	0.010	0.024			0.04	0.02
24-May-11	65.0	15			149.6	#	7.27			0.015		#	0.105	#	#	0.013			0.07	0.03
25-May-11	60.0	31			148.5	#	7.12			0.036		#	#	#	#	#			0.14	0.03
26-May-11	81.0	21			150	#	7.23			0.049		#	#	#	#	#			0.10	0.07
27-May-11	Closed		Closed		Closed							Closed		Closed		Closed		Closed		
30-May-11	Closed		Closed		Closed							Closed		Closed		Closed		Closed		
31-May-11	54.0	41			148.3	14	7.02			0.049	0.27	0.09	0.099	0.05	0.030	0.061			0.04	0.02
01-Jun-11	52.0	42			149.9	#	7.14			0.014		#	0.056	#	#	0.011			0.05	0.02
02-Jun-11	70.0	13			148	#	7.50			0.045		#	#	#	#	#			0.12	0.05
03-Jun-11	61.0	18			149.6	#	7.05			0.047		#	#	#	#	#			0.10	0.04
06-Jun-11	Holidays.				Holidays.					Holidays.						Holidays.				
07-Jun-11	55.0	16			150	12	7.28			0.013	0.22	0.03	0.063	0.08	0.050	0.016			0.12	0.07
08-Jun-11	49.0	28			148.6	#	7.36			0.011		#	0.020	#	#	0.021			0.43	0.12
09-Jun-11	67.0	32			149.5	#	7.20			0.01		#	#	#	#	#			0.79	0.06
10-Jun-11	67.0	23			148.7	#	7.54			0.049		#	#	#	#	#			0.69	0.11
13-Jun-11	62.0	12			149.9	13	7.45			0.016	0.96	0.29	0.472	0.15	0.050	0.027			0.05	0.03
14-Jun-11	82.0	21			148.5	#	7.22			0.015		#	0.453	#	#	0.026			0.54	0.10
15-Jun-11	60.0	20			148.4	#	7.22			0.02		#	#	#	#	0.015			0.25	0.03
16-Jun-11	48.0	20			150	#	7.35			0.019		#	#	#	#	#			0.16	0.05
17-Jun-11	Closed		Closed		Closed							Closed		Closed		Closed		Closed		
20-Jun-11	Closed		Closed		Closed							Closed		Closed		Closed		Closed		
21-Jun-11	30.0	34			149.6	14	7.42			0.021	0.88	0.220	0.445	0.18	0.030	0.049			0.13	0.14
22-Jun-11	60.0	17			149.1	#	7.30			0.034		#	0.175	#	#	0.024			0.07	0.02
23-Jun-11	71.0	12			149.5	#	7.35			0.042		#	#	#	#	#			0.24	0.05
24-Jun-11	36.0	22			149.5	#	7.10			0.013		#	#	#	#	#			0.37	0.17

Comment: Filtration Purposes Only.
 Filtration water required for any other use.

27-Jun-11	60.0	0			148.5	15#	7.15			0.039	0.76	0.140	0.461	0.1	0.060	0.035			0.08	0.03	
28-Jun-11	44.0	16			148.1	#	7.19			0.014		#	0.376	#	#	0.024			0.09	0.03	
29-Jun-11	43.0	38			148.8	#	7.33			0.016		#	#	#	#	0.022			1.79	0.40	
30-Jun-11	54.0	15			150	#	7.45			0.042		#	#	#	#	#			0.04	0.05	
01-Jul-11	60.0	19			148.9	#	7.00			0.019		#	#	#	#	#			0.11	0.07	
04-Jul-11	42.0	22			149.7	17	7.20			0.018	0.36	0.110	0.170	0.08	0.000	0.032			0.08	0.02	
05-Jul-11	13.0	21			149.1	#	7.15			0.02		#	0.083	#	#	0.028			0.14	0.03	
06-Jul-11	67.0	19			148.6	#	7.03			0.024		#	#	#	#	#			0.04	0.00	
07-Jul-11	64.0	19			149.2	#	7.10			0.028		#	#	#	#	#			0.11	0.02	
08-Jul-11	61.0	1			150	#	7.14			0.014		#	#	#	#	#			0.06	0.00	
11-Jul-11	No Production				No Production					No Production											
12-Jul-11	32.0	4			150	16	7.07			0.018	0.41	0.140	0.094	0.11	0.070	0.043			0.06	0.02	
13-Jul-11	50.0	20			150	#	7.25			0.02		#	0.090	#	#	0.025			0.04	0.02	
14-Jul-11	65.0	14			148	#	7.39			0.035		#	#	#	#	#			0.06	0.03	
15-Jul-11	No Production				No Production					No Production											
18-Jul-11	No Production				No Production					No Production											
19-Jul-11	No Production				No Production					No Production											
20-Jul-11	75.0	14			150	15	7.27			0.024	0.42	0.130	0.119	0.1	0.070	0.050			0.10	0.06	
21-Jul-11	50.0	24			149.5	#	7.30			0.036		#	#	#	#	0.091			0.13	0.03	
22-Jul-11	54.0	4			150	#	7.33			0.02		#	#	#	#	#			0.06	0.03	
08-Aug-11	Holidays				Holidays					Holidays									Holidays		
09-Aug-11	No Production				No Production					No Production											
10-Aug-11	54.0	0			150	16	7.91			0.009	0.37	0.120	0.168	0.06	0.020	0.051			0.10	0.07	
11-Aug-11	73.0	16			149.3	#	7.71			0.014		#	#	#	#	#			0.66	0.06	
12-Aug-11	53.0	9			149.5	#	7.44			0.012		#	#	#	#	#			0.43	0.04	
15-Aug-11	34.0	11			150	13	7.52			0.017	0.43	0.110	0.174	0.14	0.010	0.052			0.02	0.07	
16-Aug-11	51.0	30			149.4	#	7.27			0.031		#	0.175	#	#	0.062			0.17	0.07	
17-Aug-11	56.0	29			150	#	7.70			0.04		#	#	#	#	#			0.11	0.06	
18-Aug-11	55.0	14			149.5	#	7.14			0.039		#	#	#	#	#			0.11	0.03	
19-Aug-11	55.0	15			149.1	#	7.05			0.016		#	#	#	#	#			0.28	0.04	
22-Aug-11	No Production				No Production					No Production											
23-Aug-11	No Production				No Production					No Production											
24-Aug-11	62.0	2			150	17	6.97				0.33	0.110	0.171	0	0.050	0.051			0.14	0.05	
25-Aug-11	57.0	18			149.5	#	7.00					#	#	#	#	0.039			0.92	0.16	
26-Aug-11	No Production				No Production					No Production											
29-Aug-11	No Production				No Production					No Production											
30-Aug-11	59.0	15			149.7	15	8.9				0.59	0.280	0.068	0.18	0.060	0.020			0.86	0.18	
31-Aug-11	54.0	24			148.9	#	7.77					#	0.044	#	#	0.027			0.46	0.06	
01-Sep-11	60.0	27			150	#	7.21					#	0.118	#	#	#			0.42	0.05	
02-Sep-11	No Production				No Production					No Production											
05-Sep-11	No Production				No Production					No Production											
06-Sep-11	73.0	19	<3	1.03	150	15	7.16	7	<0.026		0.81	0.490	0.169	0.13	0.020	0.049	<0.0005	0.03	0.12	0.08	
07-Sep-11	39.0	11			150	#	7.46					#	0.085	#	#	#			0.22	0.12	
08-Sep-11	42.0	6			148.8	#	7.30					#	0.129	#	#	#			1.24	0.12	
09-Sep-11	No Production				No Production					No Production											
12-Sep-11	No Production				No Production					No Production										1.88	0.13
13-Sep-11	53.0	16			149.3	17	7.09			0.01	0.25	0.110	0.085	0.05	#	0.036			0.75	0.07	
14-Sep-11	70.0	40			149	#	7.33			0.027		#	#	#	0.040	0.017			0.64	0.05	
15-Sep-11	49.0	42			150	#	7.38			0.025		#	#	#	#	#					
16-Sep-11	No Production				No Production					No Production		#	#	#	#	#					
19-Sep-11	No Production				No Production					No Production											
20-Sep-11	No Production				No Production					No Production											
21-Sep-11	105.0	41			149	15	7.15			0.025	0.45	0.180	0.210	0.04	0.020	0.021			0.22	0.00	
22-Sep-11	65.0	57			150	#	7.38			0.043		#	#	#	#	#			2.35	0.59	
23-Sep-11	No Production				No Production					No Production											
26-Sep-11	No Production				No Production					No Production											
27-Sep-11	40.0	0			149.7	15	7.34			0.019	0.94	0.350	0.473	0.09	0.030	0.016			0.06	0.02	
28-Sep-11	65.0	12			149.7	#	7.23			0.039		#	#	#	#	0.030			0.10	0.01	
29-Sep-11	67.0	20			149.8	#	7.21			0.012		#	#	#	#	0.040			0.11	0.02	
30-Sep-11	No Production				No Production					No Production											
03-Oct-11	No Production				No Production					No Production											
04-Oct-11	49.0	32			149.9	13	7.54			0.007	0.35	0.021	0.258	0	0.070	0.024			0.06	0.03	
05-Oct-11	62.0	45			148.7	#	7.25			0.016		#	#	#	#	0.042			1.37	0.16	
06-Oct-11	59.0	30			150	#	7.17			0.018		#	#	#	#	#			0.46	0.03	
07-Oct-11	No Production				No Production					No Production											
10-Oct-11	No Production				No Production					No Production											
11-Oct-11	45.0	43			150	16	7.30			0.013	0.45	0.170	0.206	0.03	0.040	0.034			0.12	0.07	
12-Oct-11	38.0	46			149.8	#	8.05			0.013		#	#	#	#	0.038			1.06	0.11	
13-Oct-11	34.0	39			149.2	#	7.10			0.01		#	#	#	#	0.040			0.05	0.02	
14-Oct-11	No Production				No Production					No Production											
17-Oct-11	closed				closed					closed											
18-Oct-11	No Production				No Production					No Production											

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19-Oct-11	48.0	40		150	11	7.20		0.02	0.31	0.150	0.073	0.05	0.040	0.037		0.05	0.05
20-Oct-11	39.0	16		148.1	#	7.51		0.035		#	0.060	#	#	0.046		0.06	0.04
21-Oct-11	53.0	16		150	#	7.30		0.018		#	0.241	#	#	0.044		0.41	0.04
24-Oct-11	No Production			No Production				No Production						No Production			
25-Oct-11	50.0	22		149.3	12	7.04		0.01	0.47	0.080	0.227	0.09	0.070	0.022		0.02	0.03
26-Oct-11	53.0	16		149.8	#	7.07		0.019		#	#	#	#	0.035		0.03	0.02
27-Oct-11	60.0	34		149	#	6.96		0.032		#	#	#	#	#		0.08	0.02
28-Oct-11	30.0	48		150	#	6.91		0.041		#	#	#	#	#		0.06	0.04
31-Oct-11	closed			closed				closed						closed			
01-Nov-11	No Production			No Production				No Production						No Production			
02-Nov-11	59.0	26		149.2	13	7.37		0.021	0.28	0.060	0.096	0.06	0.060	0.023		0.03	0.02
03-Nov-11	43.0	17		149	#	7.19		0.013		#	#	#	#	#		0.01	0.00
04-Nov-11	27.0	17		149.7	#	7.70		0.033		#	#	#	#	#		0.02	0.00
07-Nov-11	No Production			No Production				No Production						No Production			
08-Nov-11	27.0	0		148.7	9	7.35		0.045	0.85	0.400	#	0.18	0.040	0.030		0.05	0.06
09-Nov-11	37.0	6		149	#	7.27		0.024		#	0.232	#	#	0.044		0.38	0.09
10-Nov-11	20.0	18		149.2	#	7.32		0.013		#	0.335	#	#	#		0.62	0.11
11-Nov-11	39.0	19		149	#	7.31		0.019		#	#	#	#	#		0.74	0.12
14-Nov-11	No Production			No Production				No Production						No Production			
15-Nov-11	55.0	40		149	13	7.13		0.015	1.09	0.400	0.350	0.29	0.050	0.043		0.03	0.02
16-Nov-11	46.0	12		149.4	#	7.48		0.029		#	#	#	#	#		1.11	0.26
17-Nov-11	56.0	10		148	#	7.26		0.028		#	#	#	#	#		0.34	0.05
18-Nov-11	closed			closed				closed						closed			
21-Nov-11	closed			closed				closed						closed			
22-Nov-11	57.0	24		150	9	7.48		0.013	0.52	0.170	0.136	0.2	0.010	0.072		0.00	0.03
23-Nov-11	46.0	32		149.9	#	7.32		0.007		#	#	#	#	0.026		0.58	0.11
24-Nov-11	50.0	26		149.8	#	7.15		0.048		#	#	#	#	#		0.11	0.03
25-Nov-11	No Production			No Production				No Production						No Production			
28-Nov-11	No Production			No Production				No Production						No Production			
29-Nov-11	65.0	89		149	14	7.39		0.034	0.75	0.450	0.129	0.13	0.040	0.026		0.09	0.02
30-Nov-11	58.0	76		149.9	#	7.46		0.048		#	#	#	#	#		0.03	0.03
01-Dec-11	44.0	9		148.3	#	7.41		0.015		#	#	#	#	#		0.16	0.09
02-Dec-11	52.0	63		149.3	#	7.25		0.022		#	#	#	#	#		0.03	0.02
05-Dec-11	61.0	42		150	8	7.23		0.012	1.16	0.320	0.490	0.34	0.010	0.017		0.01	0.00
06-Dec-11	95.0	51		149.9	#	7.37		0.01		0.180	0.196	0.33	#	0.068		0.01	0.01
07-Dec-11	68.0	42		150	#	7.36		0.036		#	0.476	#	#	#		0.10	0.05
08-Dec-11	166.0	54		148.5	#	7.40		0.049		#	#	#	#	#		0.05	0.04
09-Dec-11	closed			closed				closed						closed			
12-Dec-11	closed			closed				closed						closed			
13-Dec-11	58.0	54		149.9	8	7.45		0.045	1.35	0.490	0.450	0.38	0.030	0.027		0.02	0.01
14-Dec-11	42.0	35		149.1	#	7.26		0.046		#	#	#	#	0.024		0.03	0.05
15-Dec-11	72.0	37		150	#	7.41		0.007		#	#	#	#	#		0.09	0.07
16-Dec-11	closed			closed				closed						closed			
19-Dec-11	52.0	15		150	9	7.37		0.024	0.65	0.310	0.084	0.24	0.020	0.050		0.03	0.03
20-Dec-11	35.0	25		150	#	7.45		0.023		#	#	#	#	0.008		0.06	0.04
21-Dec-11	44.0	27		148.6	#	7.21		0.01		#	#	#	#	#		0.02	0.03
22-Dec-11	19.0	40		150	#	7.29		0.012		#	#	#	#	#		0.06	0.02
23-Dec-11	20.0	9		148.9	#	7.45		0.011		#	#	#	#	0.042		0.05	0.04
21-Jun-11	TOXICITY TEST	concentration	Toxic units														
	48h Daphnia Magna	100	<1														
	30min Vibrio fischeri	45	<2.2														

Consent of EPA Region 4 required for any other use.