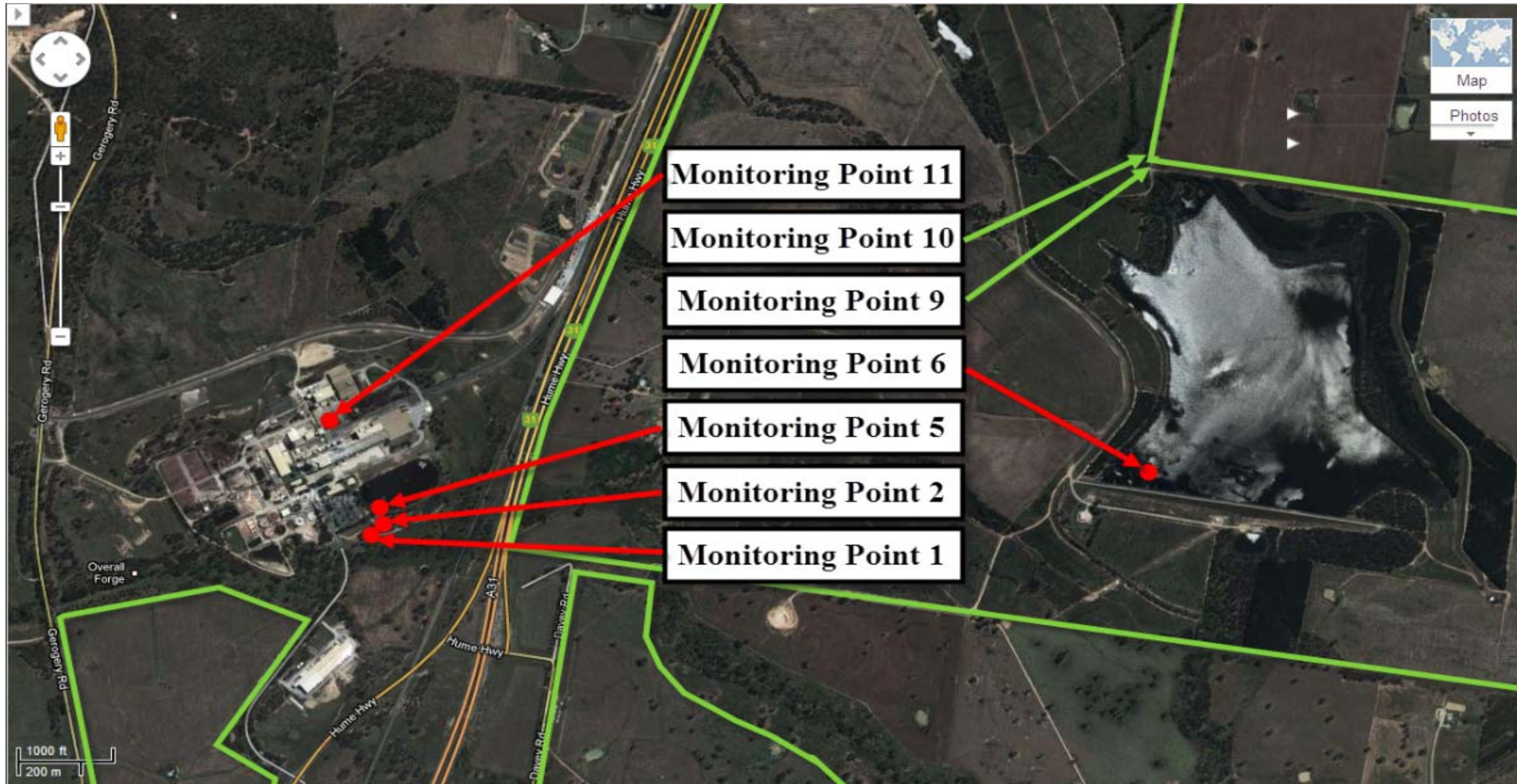


A full copy of our license can be found on the EPA website under the following address
<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32757&SYSUID=1&LICID=1272>

Result data last updated 12 August 2013

Map of Norske Skog Albury Paper Mills Environmental Protection Licence compliance monitoring sites



Courtesy of Google Maps

Monitoring point 1

Discharge to waters, Effluent quality and volume monitoring

Pollutant	Units of measure	Licence requirements			July						August						September						
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	
AOX	Milligrams per Litre	Quarterly	-	-	1	-	0.09	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	
Biochemical Oxygen Demand	Milligrams per Litre	Daily	-	20	31	2	9.1	9	21	yes	31	< 2	1.7	2	6	no	30	< 2	2.9	3	10	no	
Cadmium	Milligrams per Litre	Monthly	-	0.006	1	-	< 0.002	-	-	no	1	-	< 0.002	-	-	no	1	-	< 0.002	-	-	no	
Chemical Oxygen Demand Chloride	Milligrams per Litre	Daily	-	-	31	104	171	180	200	-	31	104	121	120	140	-	30	94	103	100	120	-	
Colour	Milligrams per Litre	Monthly	-	-	1	-	54	-	-	-	1	-	52	-	-	-	1	-	55	-	-	-	
Hazen	Milligrams per Litre	Daily	-	-	31	200	274	250	400	-	31	200	235	220	300	-	30	180	216	220	300	-	
Copper	Milligrams per Litre	Monthly	-	0.05	1	-	< 0.01	-	-	no	1	-	< 0.01	-	-	no	1	-	< 0.01	-	-	no	
Iron	Milligrams per Litre	Weekly	-	3.0	5	< 0.01	0.06	0.06	0.11	no	4	0.03	0.06	0.06	0.08	no	4	< 0.01	0.01	0.01	0.03	no	
Manganese	Milligrams per Litre	Monthly	-	2.5	1	-	0.98	-	-	no	1	-	0.86	-	-	no	1	-	0.55	-	-	no	
Nitrogen (Ammonia)	Milligrams per Litre	Daily	-	3.0	31	< 0.2	1.75	1.2	7.1	yes	31	< 0.2	0.05	< 0.2	0.7	no	30	< 0.2	0.08	< 0.2	1.1	no	
Nitrogen (Total)	Milligrams per Litre	Daily	-	15	31	1.2	6.56	6.6	12.3	no	31	< 2	3.55	3.9	7.9	no	30	0.8	2.79	2.4	6.4	no	
Oil and Grease	Milligrams per Litre	Weekly	-	10	5	< 1	0.6	< 1	2.0	no	4	2.0	2.3	2.0	3.0	no	4	1.0	3.0	3.5	4.0	no	
Phosphorus (Total)	Milligrams per Litre	Daily	-	0.5	31	0.25	0.43	0.38	0.71	yes	31	0.15	0.20	0.20	0.26	no	30	0.17	0.21	0.21	0.28	no	
Sodium	Milligrams per Litre	Monthly	-	-	1	-	160	-	-	-	1	-	140	-	-	-	1	-	160	-	-	-	
Temperature	degrees Celsius	Daily	-	-	31	17.8	19.28	19.4	20.5	-	31	17.9	18.93	19.0	19.9	-	30	18.3	20.97	21.0	23.3	-	
Total Resin Acids	Milligrams per Litre	Monthly	-	-	1	-	< 0.0001	-	-	-	1	-	0.01	-	-	-	1	-	0.02	-	-	-	
Total Dissolved Solids	Milligrams per Litre	Daily	-	2000	31	1050	1175	1180	1300	no	31	985	1054	1060	1110	no	30	912	1000	997	1100	no	
Total Organic Carbon	Milligrams per Litre	Quarterly	-	-	1	-	68	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	5	5.0	12.8	11.0	22.0	yes	4	3.0	5.8	4.0	12.0	no	4	3.0	5.8	6.0	8.0	no	
Zinc	Milligrams per Litre	Weekly	-	0.4	5	0.02	0.08	0.08	0.15	no	4	0.09	0.09	0.09	0.10	no	4	0.01	0.02	0.02	0.04	no	
pH	pH	Daily	6.5	8.5	31	7.6	7.81	7.8	8.0	no	31	7.7	7.95	7.9	8.2	no	30	7.8	8.01	8.0	8.1	no	
Ethylene Diamine Tetraacetic Acid	Milligrams per Litre	Monthly	-	Combined value of 100	1	-	< 0.5	-	-	no	1	-	< 0.5	-	-	no	1	-	< 0.5	-	-	no	
Diethylene Triamine Pentaacetic Acid	Milligrams per Litre	Monthly	-	Combined value of 100	1	-	1.800	-	-	no	1	-	1.800	-	-	no	1	-	< 1	-	-	no	
		Monthly Samples Collected				3 July 2012						1 August 2012						4 September 2012					
		Monthly Results Obtained				11 July 2012						8 August 2012						13 September 2012					
		Monthly Results Published				23 July 2012						13 August 2012						24 September 2012					
		Quarterly Samples Collected				4 July 2012																	
		Quarterly Results Obtained				1 August 2012																	
		Quarterly Results Published				13 August 2012																	

Pollutant	Units of measure	Licence requirements			October						November						December						
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	
AOX	Milligrams per Litre	Quarterly	-	-	1	-	0.099	-	-	-	0	-	-	-	-	1	-	0.11	-	-	-	-	
Biochemical Oxygen Demand	Milligrams per Litre	Daily	-	20	31	< 2	3.8	4	12	no	30	< 2	3.9	3	10	no	24	2	4.2	3	9	no	
Cadmium	Milligrams per Litre	Monthly	-	0.006	1	-	< 0.002	-	-	no	1	-	< 0.002	-	-	no	1	-	< 0.002	-	-	no	
Chemical Oxygen Demand Chloride	Milligrams per Litre	Daily	-	-	31	110	128	129	143	-	30	96	130	130	160	-	24	6	182	190	220	-	
Colour	Milligrams per Litre	Monthly	-	-	1	-	45	-	-	-	1	-	49	-	-	-	1	-	45	-	-	-	
Hazen	Milligrams per Litre	Daily	-	-	31	200	235	220	300	-	30	220	254	250	300	-	24	90	332	350	400	-	
Copper	Milligrams per Litre	Monthly	-	0.05	1	-	< 0.01	-	-	no	1	-	< 0.01	-	-	no	1	-	< 0.01	-	-	no	
Iron	Milligrams per Litre	Weekly	-	3.0	5	0.04	0.06	0.05	0.10	no	4	0.10	0.15	0.15	0.20	no	3	0.20	0.30	0.21	0.50	no	
Manganese	Milligrams per Litre	Monthly	-	2.5	1	-	0.61	-	-	no	1	-	0.46	-	-	no	1	-	1.10	-	-	no	
Nitrogen (Ammonia)	Milligrams per Litre	Daily	-	3.0	31	< 0.2	0.07	< 0.2	0.6	no	30	< 0.2	0.67	0.1	4.1	yes	24	< 0.2	0.01	< 0.2	0.2	no	
Nitrogen (Total)	Milligrams per Litre	Daily	-	15	31	0.2	2.50	2.6	9.2	no	30	0.5	4.35	3.9	10.1	no	24	0.3	3.34	3.2	4.4	no	
Oil and Grease	Milligrams per Litre	Weekly	-	10	5	< 1	1.0	1.0	2.0	no	4	< 1	< 1	< 1	< 1	no	3	< 1	0.7	1.0	1.0	no	
Phosphorus (Total)	Milligrams per Litre	Daily	-	0.5	31	0.10	0.16	0.15	0.22	no	30	0.09	0.18	0.17	0.29	no	24	0.10	0.19	0.20	0.36	no	
Sodium	Milligrams per Litre	Monthly	-	-	1	-	150	-	-	-	1	-	180	-	-	-	1	-	180	-	-	-	
Temperature	degrees Celsius	Daily	-	-	31	21.4	23.92	24.3	26.9	-	30	23.0	26.08	26.0	28.7	-	24	22.3	26.72	27.1	28.8	-	
Total Resin Acids	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	1	-	0.01	-	-	-	1	-	0.01	-	-	-	
Total Dissolved Solids	Milligrams per Litre	Daily	-	2000	31	939	1038	1040	1110	no	30	888	1021	1010	1200	no	24	973	1170	1210	1270	no	
Total Organic Carbon	Milligrams per Litre	Quarterly	-	-	1	-	77	-	-	-	0	-	-	-	-	-	1	-	72	-	-	-	
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	5	3.0	5.4	4.0	9.0	no	4	< 2	0.8	< 2	3.0	no	3	2.0	3.7	4.0	5.0	no	
Zinc	Milligrams per Litre	Weekly	-	0.4	5	0.01	0.04	0.04	0.09	no	4	0.08	0.10	0.10	0.10	no	3	0.09	0.11	0.10	0.13	no	
pH	pH	Daily	6.5	8.5	31	7.8	8.06	8.1	8.2	no	30	7.8	7.97	8.0	8.1	no	24	7.7	8.03	8.1	8.2	no	
Ethylene Diamine Tetraacetic Acid	Milligrams per Litre	Monthly	-	Combined value of 100	0	-	-	-	-	-	1	-	< 0.5	-	-	no	1	-	< 0.5	-	-	no	
Diethylene Triamine Pentaacetic Acid	Milligrams per Litre	Monthly	-	Combined value of 100	0	-	-	-	-	-	1	-	2.200	-	-	no	1	-	4.100	-	-	no	
		Monthly Samples Collected				2 October 2012						6 November 2012						4 December 2012					
		Monthly Results Obtained				15 October 2012						16 November 2012						12 December 2012					
		Monthly Results Published				23 October 2012						23 November 2012						14 December 2012					
		Quarterly Samples Collected				2 October 2012												24 December 2012					
		Quarterly Results Obtained				18 October 2012												25 January 2013					
		Quarterly Results Published				23 October 2012												1 February 2013					

Monitoring point 1

Discharge to waters, Effluent quality and volume monitoring

Pollutant	Units of measure	Licence requirements			January						February						March					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
AOX	Milligrams per Litre	Quarterly	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Biochemical Oxygen Demand	Milligrams per Litre	Daily	-	20	0	-	-	-	-	-	0	-	-	-	-	30	5	11.0	11	23	yes	
Cadmium	Milligrams per Litre	Monthly	-	0.006	0	-	-	-	-	-	0	-	-	-	-	1	-	< 0.002	-	-	no	
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	-	0	-	-	-	-	-	0	-	-	-	-	30	150	184	180	230	-	
Chloride	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	1	-	41	-	-	-	
Colour	Hazen	Daily	-	-	0	-	-	-	-	-	0	-	-	-	-	30	180	265	220	400	-	
Copper	Milligrams per Litre	Monthly	-	0.05	0	-	-	-	-	-	0	-	-	-	-	1	-	< 0.01	-	-	no	
Iron	Milligrams per Litre	Weekly	-	3.0	0	-	-	-	-	-	0	-	-	-	-	3	0.02	0.06	0.07	0.08	no	
Manganese	Milligrams per Litre	Monthly	-	2.5	0	-	-	-	-	-	0	-	-	-	-	1	-	0.77	-	-	no	
Nitrogen (Ammonia)	Milligrams per Litre	Daily	-	3.0	0	-	-	-	-	-	0	-	-	-	-	30	< 0.2	0.00	< 0.2	0.0	no	
Nitrogen (Total)	Milligrams per Litre	Daily	-	15	0	-	-	-	-	-	0	-	-	-	-	30	< 2	2.50	2.1	6.0	no	
Oil and Grease	Milligrams per Litre	Weekly	-	10	0	-	-	-	-	-	0	-	-	-	-	3	< 1	1.7	2.0	3.0	no	
Phosphorus (Total)	Milligrams per Litre	Daily	-	0.5	0	-	-	-	-	-	0	-	-	-	-	30	0.11	0.16	0.16	0.22	no	
Sodium	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	1	-	170	-	-	-	
Temperature	degrees Celsius	Daily	-	-	0	-	-	-	-	-	0	-	-	-	-	30	24.9	27.89	27.7	31.3	-	
Total Resin Acids	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	1	-	0.02	-	-	-	
Total Dissolved Solids	Milligrams per Litre	Daily	-	2000	0	-	-	-	-	-	0	-	-	-	-	30	756	976	997	1080	no	
Total Organic Carbon	Milligrams per Litre	Quarterly	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	3	6.0	9.7	10.0	13.0	no	
Zinc	Milligrams per Litre	Weekly	-	0.4	0	-	-	-	-	-	0	-	-	-	-	3	0.09	0.10	0.09	0.11	no	
pH	pH	Daily	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	30	7.3	7.65	7.7	7.9	no	
Ethylene Diamine Tetraacetic Acid	Milligrams per Litre	Monthly	-	Combined	0	-	-	-	-	-	0	-	-	-	-	1	-	< 0.5	-	-	no	
Diethylene Triamine Pentaacetic Acid	Milligrams per Litre	Monthly	-	value of 100	0	-	-	-	-	-	0	-	-	-	-	1	-	2.100	-	-	no	
Monthly Samples Collected																6 March 2013						
Monthly Results Obtained																22 April 2013						
Monthly Results Published																26 April 2013						
Quarterly Samples Collected																						
Quarterly Results Obtained																						
Quarterly Results Published																						

Pollutant	Units of measure	Licence requirements			April						May						June					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
AOX	Milligrams per Litre	Quarterly	-	-	1	-	0.098	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Biochemical Oxygen Demand	Milligrams per Litre	Daily	-	20	17	5	11.9	9	35	yes	0	-	-	-	-	0	-	-	-	-	-	
Cadmium	Milligrams per Litre	Monthly	-	0.006	1	-	< 0.002	-	-	no	0	-	-	-	-	0	-	-	-	-	-	
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	-	17	182	218	210	307	-	0	-	-	-	-	0	-	-	-	-	-	
Chloride	Milligrams per Litre	Monthly	-	-	1	-	40	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Colour	Hazen	Daily	-	-	17	200	271	250	400	-	0	-	-	-	-	0	-	-	-	-	-	
Copper	Milligrams per Litre	Monthly	-	0.05	1	-	< 0.01	-	-	no	0	-	-	-	-	0	-	-	-	-	-	
Iron	Milligrams per Litre	Weekly	-	3.0	2	0.03	0.05	0.05	0.07	no	0	-	-	-	-	0	-	-	-	-	-	
Manganese	Milligrams per Litre	Monthly	-	2.5	1	-	0.36	-	-	no	0	-	-	-	-	0	-	-	-	-	-	
Nitrogen (Ammonia)	Milligrams per Litre	Daily	-	3.0	17	< 0.2	< 0.2	< 0.2	< 0.2	no	0	-	-	-	-	0	-	-	-	-	-	
Nitrogen (Total)	Milligrams per Litre	Daily	-	15	17	< 2	0.73	< 2	5.0	no	0	-	-	-	-	0	-	-	-	-	-	
Oil and Grease	Milligrams per Litre	Weekly	-	10	2	< 1	1.0	1.0	2.0	no	0	-	-	-	-	0	-	-	-	-	-	
Phosphorus (Total)	Milligrams per Litre	Daily	-	0.5	17	0.03	0.11	0.10	0.19	no	0	-	-	-	-	0	-	-	-	-	-	
Sodium	Milligrams per Litre	Monthly	-	-	1	-	190	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Temperature	degrees Celsius	Daily	-	-	17	25.5	26.17	26.1	27.5	-	0	-	-	-	-	0	-	-	-	-	-	
Total Resin Acids	Milligrams per Litre	Monthly	-	-	1	-	0.04	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Total Dissolved Solids	Milligrams per Litre	Daily	-	2000	17	990	1061	1060	1150	no	0	-	-	-	-	0	-	-	-	-	-	
Total Organic Carbon	Milligrams per Litre	Quarterly	-	-	1	-	71	-	-	-	0	-	-	-	-	0	-	-	-	-	-	
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	2	4.0	9.5	9.5	15.0	no	0	-	-	-	-	0	-	-	-	-	-	
Zinc	Milligrams per Litre	Weekly	-	0.4	2	0.03	0.05	0.05	0.07	no	0	-	-	-	-	0	-	-	-	-	-	
pH	pH	Daily	6.5	8.5	17	7.2	7.49	7.5	7.9	no	0	-	-	-	-	0	-	-	-	-	-	
Ethylene Diamine Tetraacetic Acid	Milligrams per Litre	Monthly	-	Combined	1	-	< 0.5	-	-	no	0	-	-	-	-	0	-	-	-	-	-	
Diethylene Triamine Pentaacetic Acid	Milligrams per Litre	Monthly	-	value of 100	1	-	1.700	-	-	no	0	-	-	-	-	0	-	-	-	-	-	
Monthly Samples Collected				3 April 2013																		
Monthly Results Obtained				16 April 2013																		
Monthly Results Published				26 April 2013																		
Quarterly Samples Collected				3 April 2013																		
Quarterly Results Obtained				16 April 2013																		
Quarterly Results Published				26 April 2013																		

Yearly Licence requirements											
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	Minimum Value	Maximum Value	50 percentile			90 percentile		
						limit	value	Exceedance (yes/no)	limit	value	Exceedance (yes/no)
Total Dissolved Solids	Milligrams per Litre	Daily	224	756	1300	1650	1050	no	-	-	-
Nitrogen (Total)	Milligrams per Litre	Daily	224	< 2	12.3	4	3.20	no	7	6.77	no
Phosphorus (Total)	Milligrams per Litre	Daily	224	0.03	0.71	0.2	0.18	no	0.3	0.32	yes
Nitrogen (Ammonia)	Milligrams per Litre	Daily	224	< 0.2	7.10	0.8	< 0.2	no	1.0	1.07	yes
Biochemical Oxygen Demand	Milligrams per Litre	Daily	224	< 2	35	14	4.0	no	18	12	no

Yearly Licence requirements						
Volume Limit	Unit of measure	Monitoring frequency required when discharging	Number of results	Volume Limit	Maximum Value	Exceedance (yes/no)
Liquids discharged to water	kilolitres per day	Daily	224	10000	9480	no

Monitoring point

2

Discharge to waters, Cooling Water quality and volume monitoring

		Licence requirements			July						August						September						
Pollutant	Units of measure	Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	80	31	< 5	< 5	< 5	< 5	no	31	< 5	< 5	< 5	< 5	no	30	< 5	< 5	< 5	< 5	< 5	no
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	0	-	-	-	1	-	0	-	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	10	1	-	1	-	-	no	1	-	2	-	-	no	0	-	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	1	-	0	-	-	-	-
Temperature	degrees Celsius	Continuous	-	40	31	17.8	19.28	19.4	20.5	no	31	17.9	18.93	19.0	19.9	no	30	18.3	20.97	21.0	23.3	no	
Total Dissolved Solids	Milligrams per Litre	Daily	-	200	31	35	66.6	58	170	no	31	35	66.0	68	110	no	30	32	70.8	65	170	no	
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	-
pH	pH	Daily	6.5	8.5	31	7.4	7.54	7.6	7.6	no	31	7.4	7.55	7.5	8.4	no	30	7.3	7.55	7.6	7.8	no	
		Monthly Oil and Grease Sample Collected			10 July 2012						8 August 2012												
		Monthly Oil and Grease Result Obtained			24 July 2012						17 August 2012												
		Monthly Oil and Grease Result Publishec			30 July 2012						27 August 2012												
		Other Monthly Samples Collected			10 July 2012						8 August 2012						11 September 2012						
		Other Monthly Results Obtained			18 July 2012						17 August 2012						20 September 2012						
		Other Monthly Results Published			23 July 2012						27 August 2012						24 September 2012						
		Licence requirements			October						November						December						
Pollutant	Units of measure	Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	80	31	< 5	< 5	< 5	< 5	no	30	< 5	< 5	< 5	< 5	no	31	< 5	0.2	< 5	7	no	
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	0	-	-	-	1	-	0	-	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	10	1	-	< 1	-	-	no	1	-	< 1	-	-	no	1	-	< 1	-	-	no	
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	-
Temperature	degrees Celsius	Continuous	-	40	31	21.4	23.92	24.3	26.9	no	30	23.0	26.08	26.0	28.7	no	31	19.9	25.40	26.8	28.8	no	
Total Dissolved Solids	Milligrams per Litre	Daily	-	200	31	22	53.0	50	82	no	30	40	58.4	58	89	no	31	30	50.4	48	78	no	
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	-
pH	pH	Daily	6.5	8.5	31	7.4	7.57	7.6	8.0	no	30	7.2	7.52	7.5	7.7	no	31	6.9	7.48	7.6	7.9	no	
		Monthly Oil and Grease Sample Collected			9 October 2012						13 November 2012						12 December 2012						
		Monthly Oil and Grease Result Obtained			16 October 2012						26 November 2012						2 January 2013						
		Monthly Oil and Grease Result Publishec			23 October 2012						3 December 2012						7 January 2013						
		Other Monthly Samples Collected			9 October 2012						13 November 2012						12 December 2012						
		Other Monthly Results Obtained			28 November 2012						21 November 2012						21 January 2013						
		Other Monthly Results Published			3 December 2012						23 November 2012						1 February 2013						

Monitoring point

2

Discharge to waters, Cooling Water quality and volume monitoring

Pollutant	Units of measure	Licence requirements			January						February						March					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	1	-	< 2	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	80	30	< 5	< 5	< 5	< 5	no	28	< 5	0.4	< 5	12	no	31	< 5	1.5	< 5	11	no
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	0	-	-	-	1	-	0	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	10	1	-	< 1	-	-	no	1	-	1	-	-	no	1	-	2	-	-	no
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	0	-	-	-	1	-	< 0.01	-	-	-
Temperature	degrees Celsius	Continuous	-	40	31	21.5	28.24	28.7	30.1	no	28	27.5	30.32	30.7	31.5	no	31	24.9	27.90	27.8	31.3	no
Total Dissolved Solids	Milligrams per Litre	Daily	-	200	30	13	62.5	60	124	no	28	22	53.9	54	94	no	31	26	51.6	51	95	no
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	4	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-
pH	pH	Daily	6.5	8.5	30	6.8	7.39	7.6	7.7	no	28	6.7	7.29	7.4	8.0	no	31	6.6	7.50	7.6	7.7	no
Monthly Oil and Grease Sample Collected					9 January 2013						12 February 2013						13 March 2013					
Monthly Oil and Grease Result Obtained					21 January 2013						22 February 2013						27 March 2013					
Monthly Oil and Grease Result Publishec					1 February 2013						4 March 2013						8 April 2013					
Other Monthly Samples Collected					9 January 2013						12 February 2013						13 March 2013					
Other Monthly Results Obtained					21 January 2013						22 February 2013						22 March 2013					
Other Monthly Results Published					1 February 2013						4 March 2013						8 April 2013					

Pollutant	Units of measure	Licence requirements			April						May						June					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	1	-	< 2	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Daily	-	80	30	< 5	0.3	< 5	5	no	31	< 5	< 5	< 5	< 5	no	30	< 5	< 5	< 5	< 5	no
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	< 0.1	-	-	-	1	-	< 0.1	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	10	1	-	1	-	-	no	1	-	< 1	-	-	no	1	-	< 1	-	-	no
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	0	-	-	-	1	-	< 0.01	-	-	-
Temperature	degrees Celsius	Continuous	-	40	30	25.5	26.79	26.5	29.1	no	31	20.6	25.26	25.0	27.2	no	30	18.0	22.87	23.0	25.8	no
Total Dissolved Solids	Milligrams per Litre	Daily	-	200	26	37	55.7	54	85	no	31	34	49.3	50	58	no	30	35	50.5	49	69	no
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-	1	-	< 0.01	-	-	-
pH	pH	Daily	6.5	8.5	27	7.0	7.57	7.6	8.1	no	31	6.9	7.42	7.5	7.9	no	30	7.1	7.50	7.5	7.8	no
Monthly Oil and Grease Sample Collected					10 April 2013						8 May 2013						12 June 2013					
Monthly Oil and Grease Result Obtained					22 April 2013						16 May 2013						24 June 2013					
Monthly Oil and Grease Result Publishec					26 April 2013						27 May 2013						1 July 2013					
Other Monthly Samples Collected					10 April 2013						8 May 2013						12 June 2013					
Other Monthly Results Obtained					22 April 2013						16 May 2013						19 June 2013					
Other Monthly Results Published					26 April 2013						27 May 2013						1 July 2013					

Yearly Licence requirements						
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	90 percentile limit	90 percentile value	Exceedance (yes/no)
Oil and Grease	Milligrams per Litre	Monthly	11	2	2	no

Yearly Licence requirements						
Volume Limit	Unit of measure	Monitoring frequency required when discharging	Number of results	Volume Limit	Maximum Value	Exceedance (yes/no)
Liquids discharged to water	kilolitres per day	Daily	365	10000	8715	no

Monitoring point

5

Effluent quality monitoring - 4 Day Pond Outlet

		Licence requirements	July					August					September				
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	5	5	8.2	8	12	4	4	5.3	6	6	4	5	5.5	6	6
Nitrogen (Total)	Milligrams per Litre	Weekly	5	3.20	6.01	6.65	8.20	4	3.21	3.69	3.65	4.25	4	2.97	3.77	3.94	4.22
Phosphorus (Total)	Milligrams per Litre	Weekly	5	0.23	0.46	0.33	0.82	4	0.12	0.18	0.19	0.21	4	0.19	0.25	0.25	0.31
Sulfate	Milligrams per Litre	Weekly	5	270	296	290	320	4	230	263	260	300	4	220	230	225	250
Total Dissolved Solids	Milligrams per Litre	Weekly	5	1000	1180	1200	1300	4	980	995	1000	1000	4	980	1045	1050	1100
Total Suspended Solids	Milligrams per Litre	Weekly	5	12	20.0	19	32	4	7	11.5	11	17	4	7	12.3	12	18
Zinc	Milligrams per Litre	Weekly	5	0.03	0.120	0.12	0.22	4	0.11	0.115	0.12	0.12	4	0.02	0.035	0.04	0.05
pH	pH	Weekly	5	7.7	7.76	7.8	7.8	4	7.9	8.10	8.0	8.5	4	8.0	8.05	8.1	8.1

		Licence requirements	October					November					December				
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	5	4	5.4	6	6	4	3	4.8	5	6	4	5	5.5	6	6
Nitrogen (Total)	Milligrams per Litre	Weekly	5	2.43	3.25	3.43	3.82	4	3.55	4.61	3.98	6.95	4	3.33	4.05	3.73	5.40
Phosphorus (Total)	Milligrams per Litre	Weekly	5	0.10	0.18	0.20	0.26	4	0.13	0.17	0.16	0.22	4	0.11	0.31	0.30	0.53
Sulfate	Milligrams per Litre	Weekly	5	230	240	240	250	4	240	278	285	300	4	240	303	300	370
Total Dissolved Solids	Milligrams per Litre	Weekly	5	1000	1020	1000	1100	4	1000	1050	1050	1100	4	1000	1200	1200	1400
Total Suspended Solids	Milligrams per Litre	Weekly	5	12	14.8	16	17	4	8	10.5	11	12	4	10	11.0	11	13
Zinc	Milligrams per Litre	Weekly	5	< 0.02	0.056	0.04	0.12	4	0.10	0.123	0.13	0.13	4	0.12	0.138	0.14	0.16
pH	pH	Weekly	5	7.9	7.98	7.9	8.1	4	7.8	7.93	7.9	8.1	4	7.8	7.88	7.9	7.9

		Licence requirements	January					February					March				
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	5	8	13.4	12	23	4	6	8.0	8	10	4	8	15.0	14	24
Nitrogen (Total)	Milligrams per Litre	Weekly	5	2.10	4.97	4.60	10.13	4	3.62	4.35	3.79	6.19	4	2.50	2.84	2.76	3.35
Phosphorus (Total)	Milligrams per Litre	Weekly	5	0.08	0.44	0.26	1.00	4	0.14	0.25	0.24	0.36	4	0.13	0.22	0.17	0.43
Sulfate	Milligrams per Litre	Weekly	5	12	244	230	420	4	340	405	405	470	4	290	320	315	360
Total Dissolved Solids	Milligrams per Litre	Weekly	5	800	1092	1100	1400	4	1200	1300	1300	1400	4	940	1008	995	1100
Total Suspended Solids	Milligrams per Litre	Weekly	5	6	11.6	11	22	4	16	16.5	16	18	4	12	28.3	20	62
Zinc	Milligrams per Litre	Weekly	5	0.04	0.110	0.11	0.20	4	0.16	0.173	0.18	0.18	4	0.13	0.160	0.14	0.23
pH	pH	Weekly	5	7.6	7.88	7.9	8.1	4	7.7	8.03	8.0	8.5	4	7.6	7.65	7.7	7.7

		Licence requirements	April					May					June				
Pollutant	Units of measure	Monitoring frequency required when discharging	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	5	10	38.6	24	110	4	6	9.5	9	15	4	4	5.8	6	8
Nitrogen (Total)	Milligrams per Litre	Weekly	5	2.30	3.31	2.52	4.70	4	2.80	3.15	3.20	3.40	4	2.30	3.03	2.90	4.00
Phosphorus (Total)	Milligrams per Litre	Weekly	5	0.20	0.40	0.41	0.57	4	0.14	0.17	0.16	0.23	4	0.13	0.20	0.19	0.28
Sulfate	Milligrams per Litre	Weekly	5	250	352	320	530	4	220	235	235	250	4	190	203	200	220
Total Dissolved Solids	Milligrams per Litre	Weekly	5	1000	1140	1200	1200	4	990	1070	1045	1200	4	840	880	875	930
Total Suspended Solids	Milligrams per Litre	Weekly	5	4	21.2	15	53	4	5	7.0	8	8	4	4	7.5	6	14
Zinc	Milligrams per Litre	Weekly	5	0.02	0.042	0.04	0.07	4	< 0.02	0.028	0.03	0.06	4	0.02	0.050	0.03	0.13
pH	pH	Weekly	5	7.7	8.00	8.0	8.5	4	7.9	7.98	8.0	8.0	4	7.8	8.00	8.0	8.2

Monitoring point 9

Groundwater quality monitoring

Month	July				August				September				October				November				December				
	Pollutant	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids
		Units of measure	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter
Deep Bores	3	Dry				Dry				Dry				Dry				44.8	7.3	560	1000	44.4	6.9	560	960
	4	45.1	7.0	1700	2900	45.0	7.2	1700	2800	44.6	7.4	1800	2800	45.1	7.0	1900	2700	44.6	7.1	1800	2900	44.8	7.1	1600	2900
	5	Dry				44.7	7.2	3800	5500	44.6	7.0	3800	5400	44.5	7.2	4100	5700	44.4	7.2	4300	5900	44.4	6.9	4700	5700
	6	46.0	8.1	440	680	46.0	8.1	390	670	46.0	8.2	460	680	46.0	8.1	420	660	46.0	8.0	370	700	46.0	7.8	410	690
Shallow Bores	4	Dry				Dry				Dry				Dry				11.0	6.8	310	320	Dry			
	5	10.5	6.6	360	310	Dry				Dry				10.9	6.8	340	360	11.0	6.8	310	320	Dry			
	7	9.7	7.2	2800	4700	9.4	7.4	2600	4700	8.6	7.8	2400	4300	8.9	7.6	2500	4200	9.1	7.7	2600	4600	9.3	7.5	2600	4600
	8	1.3	7.0	340	370	1.4	7.4	310	430	1.5	7.1	460	550	1.6	7.1	540	720	1.9	7.1	630	1000	2.3	6.8	660	1000
	11	9.9	6.9	4000	6300	9.9	7.2	4100	6200	9.6	7.2	4100	6500	9.6	7.3	4100	6300	9.5	7.5	4100	6600	9.7	7.2	4200	6700
	12	Dry				Dry				Dry				Dry				Dry				Dry			
	13	Dry				Dry				Dry				Dry				Dry				Dry			
	14	Dry				Dry				Dry				Dry				Dry				Dry			
	15	Dry				Dry				Dry				Dry				Dry				Dry			
	16	Dry				Dry				Dry				Dry				Dry				Dry			
	17	3.7	6.6	300	470	4.2	6.8	340	580	3.8	6.9	340	480	4.0	6.8	270	400	4.6	6.9	250	430	4.8	6.7	300	460
	18	Dry				Dry				Dry				Dry				Dry				Dry			
	19	Dry				Dry				Dry				Dry				Dry				Dry			
	20	10.2	7.2	900	1200	10.3	7.3	950	1200	10.2	7.4	1000	1200	10.2	7.4	1300	1100	10.4	7.4	910	1200	10.5	7.1	1200	1200
21	6.2	7.0	1300	2300	6.1	7.6	1200	2200	5.9	7.5	1300	2300	5.9	7.5	1400	2200	6.0	7.8	1200	2300	6.1	7.3	1400	2300	
22	Dry				Dry				Dry				Dry				Dry				Dry				
Monthly Samples Collected	25 July 2012				15 August 2012				19 September 2012				17 October 2012				21 November 2012				19 December 2012				
Monthly Results Obtained	03 September 2012				28 August 2012				02 October 2012				26 October 2012				07 January 2013				08 January 2013				
Monthly Results Published	11 September 2012				11 September 2012				08 October 2012				09 November 2012				21 January 2013				21 January 2013				

Month	January				February				March				April				May				June				
	Pollutant	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids	Standing Water Level	pH	Conductivity	Total Dissolved Solids
		Units of measure	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter	Milligrams per litre	Meters	pH	microsiemens per centimeter
Deep Bores	3	44.9	7.0	550	1000	Dry				Dry				Dry				44.4	7.7	580	990	Dry			
	4	45.1	7.4	1900	3000	45.1	7.1	1800	2900	45.1	7.2	1800	2900	Dry				45.0	7.2	1700	2900	45.0	7.2	1800	2900
	5	44.4	7.2	4400	5900	44.4	7.2	4300	5700	44.4	6.9	4600	5800	44.9	6.9	4500	5900	44.4	7.2	4100	5800	44.4	7.6	4200	5900
	6	46.0	7.8	430	710	46.0	7.8	400	700	45.7	7.9	420	720	45.6	7.9	420	680	45.5	7.9	400	680	45.5	8.0	370	700
Shallow Bores	4	Dry				Dry				Dry				Dry				Dry				Dry			
	5	Dry				Dry				Dry				Dry				Dry				Dry			
	7	9.4	7.3	2700	4700	9.8	7.4	2900	4600	10.0	7.3	2600	4700	10.0	7.3	2700	4800	10.1	7.3	2700	4700	9.9	7.6	2400	4700
	8	2.6	6.9	630	980	2.6	6.9	960	1300	2.5	6.8	1500	2200	2.5	6.8	1900	2500	2.9	7.0	1700	2400	1.6	7.2	550	850
	11	9.6	7.2	4100	6600	9.4	7.1	4300	6400	9.6	7.0	4100	6500	9.5	7.0	4200	6700	9.4	7.2	4100	6500	9.3	7.4	3900	6500
	12	Dry				Dry				Dry				Dry				Dry				Dry			
	13	Dry				Dry				Dry				Dry				Dry				Dry			
	14	Dry				Dry				Dry				Dry				Dry				Dry			
	15	Dry				Dry				Dry				Dry				Dry				Dry			
	16	Dry				Dry				Dry				Dry				Dry				Dry			
	17	5.0	6.7	300	460	5.1	6.6	310	460	5.3	6.7	360	520	5.4	6.8	400	590	5.5	6.8	360	550	5.5	6.9	340	610
	18	Dry				Dry				Dry				Dry				Dry				Dry			
	19	Dry				Dry				Dry				Dry				Dry				Dry			
	20	10.6	7.2	1200	1200	10.8	7.3	1400	1200	Dry				10.6	7.5	1400	1200	10.6	7.4	1100	1100	Dry			
21	6.1	7.4	1300	2300	6.2	7.3	1300	2300	6.3	7.3	1300	2300	6.3	7.3	1400	2300	6.4	7.3	1300	2300	6.4	7.6	1200	2300	
22	Dry				Dry				Dry				Dry				Dry				Dry				
Monthly Samples Collected	16 January 2013				20 February 2013				20 March 2013				17 April 2013				15 May 2013				19 June 2013				
Monthly Results Obtained	07 February 2013				28 February 2013				17 April 2013				29 April 2013				05 June 2013				27 June 2013				
Monthly Results Published	15 February 2013				04 March 2013				26 April 2013				10 May 2013				13 June 2013				01 July 2013				

Monitoring point 6
Effluent quality monitoring - Maryvale Effluent Reuse Area

Pollutant	Units of measure	Monitoring frequency required	Number of results	July	August	September	October	November	December	January	February	March	April	May	June
AOX	Milligrams per Litre	6 times a year	7	0.028		0.070		0.064	0.093	0.078	0.085	0.046			
Ammonia	Milligrams per Litre	6 times a year	7	< 0.1		0.10		0.10	0.30	0.10	< 0.1	< 0.1			
Biochemical Oxygen Demand	Milligrams per Litre	6 times a year	7	5		5		4	8	6	5	4			
Cadmium	Milligrams per Litre	6 times a year	7	< 0.002		< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
Chemical Oxygen Demand	Milligrams per Litre	6 times a year	7	110		100		80	120	120	120	120			
Colour	Hazen	6 times a year	7	110		100		80	70	90	88	80			
Copper	Milligrams per Litre	6 times a year	7	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Diethylene Triamine Pentaacetic Acid	Milligrams per Litre	6 times a year	7	< 1		< 1		< 1	< 1	< 1	< 1	< 1			
Iron	Milligrams per Litre	6 times a year	7	0.09		0.08		0.10	0.10	0.21	0.08	0.16			
Manganese	Milligrams per Litre	6 times a year	7	0.07		0.12		0.26	0.14	0.17	0.15	0.28			
Nitrogen (Total)	Milligrams per Litre	6 times a year	7	1.90		2.23		2.40	2.92	2.80	3.80	3.00			
Phosphorus (Total)	Milligrams per Litre	6 times a year	7	0.15		0.08		0.16	0.25	0.18	0.18	0.23			
Total Dissolved Solids	Milligrams per Litre	6 times a year	7	980		980		1000	1100	1100	1100	1100			
Total Organic Carbon	Milligrams per Litre	6 times a year	7	40		59		42	45	48	46	47			
Total Suspended Solids	Milligrams per Litre	6 times a year	7	12		13		11	25	30	24	15			
Zinc	Milligrams per Litre	6 times a year	7	0.02		0.02		0.01	< 0.01	0.03	0.02	0.02			
Ethylene Diamine Tetraacetic Acid	Milligrams per Litre	6 times a year	7	< 0.5		< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
pH	pH	6 times a year	7	8.3		8.4		8.2	8.7	8.6	8.8	8.6			
Monthly Samples Collected				25 Jul 12		19 Sep 12		21 Nov 12	19 Dec 12	16 Jan 13	20 Feb 13	20 Mar 13			
Monthly Results Obtained				14 Aug 12		8 Oct 12		6 Dec 12	5 Feb 13	7 Feb 13	3 May 13	3 Apr 13			
Monthly Results Published				27 Aug 12		23 Oct 12		14 Dec 12	15 Feb 13	15 Feb 13	10 May 13	8 Apr 13			

Monitoring point 10
Soil Monitoring

See separate PDF report titled 'Soil Properties Report 12 July 2012'

Monitoring point 11
Discharge to Air, Air Emissions Monitoring

Pollutant	Units of measure	Monitoring frequency required	Number of results	July	August	September	October	November	December	January	February	March	April	May	June
Coarse Particulates	Milligrams per cubic meter	2 times a year	2				2.5						90.8		
Fine Particulates	Milligrams per cubic meter	2 times a year	2				66.5						88.5		
Nitrogen Oxides	Milligrams per cubic meter	2 times a year	2				211						200		
Bi-annual Samples Collected							16 Oct 12						30 Apr 13		
Bi-annual Results Obtained							26 Oct 12						29 May 13		
Bi-annual Results Published							9 Nov 12						13 Jun 13		

Non compliance log

Pollutant	Sample dates	Detail
Total Phosphorus	1/7 to 12/7	Sample point 1. Exceeded licence limit 10 times with values ranging from 0.52 to 0.71 mg/L. Caused by equipment issue in aeration system.
Ammonia	5/7 to 17/7	Sample point 1. Exceeded licence limit 6 times with values ranging from 3.3 to 7.1 mg/L. Caused by equipment issue in aeration system.
BOD	11/7	Sample point 1. Exceeded licence limit once with value of 21 mg/L. Caused by severe biological bulking incident.
Total Suspended Solids	10/7	Sample point 1. Exceeded licence limit once with value of 22 mg/L. Caused by severe biological bulking incident.
Ammonia	9/11 to 11/11	Sample point 1. Exceeded licence limit 3 times with values ranging from 3.3 to 4.1 mg/L. Production issues created a nutrient overdose situation.
BOD	28/3	Sample point 1. Exceeded licence limit once with value of 23 mg/L. Caused by equipment issue.
BOD	16/4	Sample point 1. Exceeded licence limit twice with values of 27 and 35 mg/L. Caused by equipment issue.

Correction log

Sample date and time	Original data	Corrected data	Date corrected	Date originally published	Reason

Community Complaints

Complaint	Date	Detail