



## Pollutant Monitoring Results - Wet Weather Discharge

Licensee Name:	SUEZ Australia	4068	Facility Address:
Period:	January - June 2016	A copy of the full licence can be found on the POEO Public Register <a href="http://www.epa.nsw.gov.au/prpoeoapp/">http://www.epa.nsw.gov.au/prpoeoapp/</a> 1725 Elizabeth Drive, KEMPS CREEK, NSW, 21378	

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Date Final Monitoring Obtained	Sampling Point	No. of times measured during reporting period	Pollutant	Min Value	Mean Value	Median Value	Max Value	Unit	If Applicable Pollutant limit as per licence	Exceedance (Y/N) or NA	Comments
25/01/2016	13	2	Conductivity	629	682	682	735	µS/cm	N/A	N	
25/01/2016	13	2	Biological Oxygen Demand	<2	<2	<2	<2	mg/L	N/A	N	
25/01/2016	13	2	Nitrogen (Ammonia)	0.01	0.07	0.07	0.13	mg/L	0.9	N	
25/01/2016	13	2	Total Organic Carbon	5	5.5	5.5	6	mg/L	N/A	N	
25/01/2016	13	2	Total Suspended Solids	216	245	245	274	mg/L	50	Y	Dispensation for discharge on 5/01/16 as per condition L2.5 due to rainfall of 53.99mm within 5 consecutive days. Notification of exceedance made to EPA for discharge on 15/01/16
28/02/2016	13	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in February
28/02/2016	13	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	13	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in February
28/02/2016	13	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	13	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in February
31/03/2016	13	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge during March
31/03/2016	13	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	13	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge during March
31/03/2016	13	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	13	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge during March
30/04/2016	13	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in April
30/04/2016	13	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	13	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in April
30/04/2016	13	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	13	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in April
31/05/2016	13	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in May
31/05/2016	13	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	13	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in May
31/05/2016	13	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	13	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in May
15/06/2016	13	2	Conductivity	454	539	539	624	µS/cm	N/A	N	
15/06/2016	13	2	Biological Oxygen Demand	<2	<2	<2	<2	mg/L	N/A	N	
15/06/2016	13	2	Nitrogen (Ammonia)	0.06	0.13	0.13	0.2	mg/L	0.9	N	
15/06/2016	13	2	Total Organic Carbon	2	4	4	6	mg/L	N/A	N	
15/06/2016	13	2	Total Suspended Solids	162	361	361	560	mg/L	50	Y	Dispensation for discharge on 04/06/2016 as per condition L2.5 due to rainfall of 253.8mm rainfall in 48Hrs however notification made to EPA. Notification made to EPA for discharge of 560mg/L on 19/06/16



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25/01/2016	15	2	Conductivity	1130	1130	1130	1130	µS/cm	N/A	N	
25/01/2016	15	2	Biological Oxygen Demand	4	4	4	4	mg/L	N/A	N	
25/01/2016	15	2	Nitrogen (Ammonia)	0.03	0.03	0.03	0.03	mg/L	0.9	N	
25/01/2016	15	2	Total Organic Carbon	16	16	16	16	mg/L	N/A	N	
25/01/2016	15	2	Total Suspended Solids	13	13	13	13	mg/L	50	N	
28/02/2016	15	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in February
28/02/2016	15	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	15	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in February
28/02/2016	15	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	15	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in February
31/03/2016	15	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge during March
31/03/2016	15	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	15	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge during March
31/03/2016	15	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	15	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge during March
30/04/2016	15	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in April
30/04/2016	15	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	15	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in April
30/04/2016	15	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	15	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in April
31/05/2016	15	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in May
31/05/2016	15	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	15	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in May
31/05/2016	15	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	15	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in May
15/06/2016	15	2	Conductivity	153	242	242	331	µS/cm	N/A	N	
15/06/2016	15	2	Biological Oxygen Demand	<2	<2	<2	<2	mg/L	N/A	N	
15/06/2016	15	2	Nitrogen (Ammonia)	0.03	0.125	0.125	0.22	mg/L	0.9	N	
15/06/2016	15	2	Total Organic Carbon	10	19	19	28	mg/L	N/A	N	
15/06/2016	15	2	Total Suspended Solids	35	103.5	103.5	172	mg/L	50	Y	Notification made to EPA for discharge of 172mg/L on 19/06/16



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25/01/2016	34	2	Conductivity	2670	3015	3015	3360	µS/cm	N/A	N	
25/01/2016	34	2	Biological Oxygen Demand	3	6.5	6.5	10	mg/L	N/A	N	
25/01/2016	34	2	Nitrogen (Ammonia)	0.11	0.28	0.28	0.45	mg/L	0.9	N	
25/01/2016	34	2	Total Organic Carbon	15	17	17	19	mg/L	N/A	N	
25/01/2016	34	2	Total Suspended Solids	18	25.5	25.5	33	mg/L	50	N	
28/02/2016	34	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in February
28/02/2016	34	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	34	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in February
28/02/2016	34	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	34	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in February
31/03/2016	34	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge during March
31/03/2016	34	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	34	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge during March
31/03/2016	34	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	34	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge during March
30/04/2016	34	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in April
30/04/2016	34	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	34	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in April
30/04/2016	34	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	34	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in April
31/05/2016	34	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in May
31/05/2016	34	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	34	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in May
31/05/2016	34	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	34	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in May
15/06/2016	34	2	Conductivity	1390	1450	1450	1510	µS/cm	N/A	N	
15/06/2016	34	2	Biological Oxygen Demand	4	53	53	102	mg/L	N/A	N	
15/06/2016	34	2	Nitrogen (Ammonia)	0.66	3.025	3.025	5.39	mg/L	0.9	Y	Notification made to EPA
15/06/2016	34	2	Total Organic Carbon	14	44	44	74	mg/L	N/A	N	
15/06/2016	34	2	Total Suspended Solids	62	64	64	66	mg/L	50	Y	Dispensation for discharge on 04/06/2016 as per condition L2.5 due to rainfall of 253.8mm rainfall in 48Hrs however notification made to EPA. Notification made to EPA for discharge of 66mg/L on 19/06/16



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25/01/2016	35	2	Conductivity	1500	1570	1570	1640	µS/cm	N/A	N	
25/01/2016	35	2	Biological Oxygen Demand	<2	<2	<2	<2	mg/L	N/A	N	
25/01/2016	35	2	Nitrogen (Ammonia)	0.18	0.265	0.265	0.35	mg/L	0.9	N	
25/01/2016	35	2	Total Organic Carbon	6	7	7	8	mg/L	N/A	N	
25/01/2016	35	2	Total Suspended Solids	117	255	255	393	mg/L	50	Y	Dispensation for discharge on 5/01/16 as per condition L2.5 due to rainfall of 53.39mm within 5 consecutive days. Notification of exceedance made to EPA for discharge on 15/01/16
28/02/2016	35	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in February
28/02/2016	35	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	35	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in February
28/02/2016	35	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in February
28/02/2016	35	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in February
31/03/2016	35	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge during March
31/03/2016	35	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	35	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge during March
31/03/2016	35	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge during March
31/03/2016	35	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge during March
30/04/2016	35	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in April
30/04/2016	35	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	35	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in April
30/04/2016	35	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in April
30/04/2016	35	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in April
31/05/2016	35	0	Conductivity	0	0	0	0	µS/cm	N/A	N	No discharge in May
31/05/2016	35	0	Biological Oxygen Demand	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	35	0	Nitrogen (Ammonia)	0	0	0	0	mg/L	0.9	N	No discharge in May
31/05/2016	35	0	Total Organic Carbon	0	0	0	0	mg/L	N/A	N	No discharge in May
31/05/2016	35	0	Total Suspended Solids	0	0	0	0	mg/L	50	N	No discharge in May
15/06/2016	35	2	Conductivity	5170	3515	3515	1860	µS/cm	N/A	N	
15/06/2016	35	2	Biological Oxygen Demand	<2	3	3	4	mg/L	N/A	N	PQL used to determine mean and median values
15/06/2016	35	2	Nitrogen (Ammonia)	3.64	10.07	10.07	16.5	mg/L	0.9	Y	Notification made to EPA
15/06/2016	35	2	Total Organic Carbon	<1	5.5	5.5	10	mg/L	N/A	N	PQL used to determine mean and median values
15/06/2016	35	2	Total Suspended Solids	52	56.5	56.5	61	mg/L	50	Y	Dispensation for discharge on 04/06/2016 as per condition L2.5 due to rainfall of 253.36mm rainfall in 48hrs however notification made to EPA. Notification made to EPA for discharge of 61mg/L on 19/06/16