NAMMOONA LANDFILL FACILITY MONITORING RESULTS
Environmental Protection
Licence No. 5872
Licensee: Richmond Valley Council

Richmond Valley Council

EPA POINT 3:	Leachate Pond Waters																																													
Parameter	**Frequency**	**unit of measure**																																												
Date/ Time sampled			**21/3/2022 14:00**	**3/12/2021 12:00**	**1/06/2021**	**18/03/2021 14:30**	**21/12/2020 14:30**	**1/09/2020 13:30**	**15/06/2020 13:30**	**4/03/2019 12:30**	**4/12/2018 14:45**	**11/09/2018 13:30**	**15/06/2018 12:30**	**21/03/2018 15:00**	**14/12/2016 10:00**	**13/09/2016 12:45**	**14/06/2016 10:30**	**27/03/2016 14:15**	**12/12/2017 10:35**	**12/09/2017 14:25**	**13/06/2017 10:30**	**8/03/2017 12:48**	**13/12/2016 9:45**	**22/09/2016 10:10**	**30/06/2016 10:15**	**15/03/2016 11:15**	**3/12/2015 11:30**	**9/06/2015 13:30**	**17/07/2015 9:15**	**31/03/2015 14:00**	**19/12/2014 10:05**	**29/08/2014 7:50**	**6/06/2014 8:35**	**5/03/2014 12:15**
Sampled by			Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Jesse Munro	Mark Bayley	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley
Date results received/ Date results published			03/05/2022 09/05/2022	23/12/2021 23/12/2021(Total Dissolved Solids Received & published 17/01/2022)	27/10/2021 28/10/2021	07/07/2021 12/07/2021	28/04/2021 29/04/2021 (Dissolved Oxygen Published 5/5/2021)	10/02/2020 11/02/2020	26/06/2020 8/10/2020	26/04/2020 30/7/2020	26/03/2020 30/03/2020	24/1/2020 3/2/2020	15/10/2019 17/10/2019	15/07/2019 17/07/2019	10/04/2019 12/04/2019	8/01/2019 10/1/2019	15/10/2018 26/10/2018	30/07/2018 7/08/2018	20/05/2018 30/05/2018	19/01/2018 25/1/2018	23/10/2017 26/10/2017	5/07/2017 17/7/2018	20/04/2017 15/05/2017	16/01/2017 25/01/2017										
Ammonia	Quarterly	mg/L	9	5.5	115	133	33.3	7	32.3	33.7	7.79	164	1.1	12.7	10.6	33.7	42.7	68.2	17.7	10.7	109	15.2	25.1	52.3	50.2	59.6	22.4	42.2	78.4	60.664	24.34	3.233	16.8	84.55	4.65
Arsenic	Quarterly	µg/L	0.001	0.015	0.015	0.008	0.006	0.004	0.014	0.017	0.014	0.075	0.017	0.013	0.012	0.038	0.022	0.01	0.009	0.018	0.014	<0.001	0.025	0.125	0.011	0.009	0.009	0.007	0.009	0.009	0.026	0.012	0.016	0.016	0.025
Bicarbonate	Quarterly	mg/L	413	512	1.1	1094	452	1017	444	503	439	160	52	488	320	409	1150	980	500	560	1140	400	1000	670	780	800	640	810	640	770	680	640	460	910	40
Boron (total)	Quarterly	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Chloride	Quarterly	mg/L	220	44.3	1063	753	575	373	128	1440	533	2350	2074	1879	1100	2251	2380	1212	865	875	1300	618	2353	1,605	921	1224	1150	834	892	596	722	1363	811	1010	1108
Chromium (total)	Quarterly	mg/L	0.004	0.011	0.025	0.013	0.004	0.023	0.011	0.01	0.004	0.071	0.019	0.014	0.012	0.023	0.028	0.014	0.008	0.01	0.025	0.004	0.02	0.024	0.014	0.012	0.012	0.014	0.021	0.012	0.009	0.006	0.004	0.011	0.009
Conductivity	Quarterly	µS/cm	1160	3610	6000	4820	2645	11700	4461	4030	2970	9920	7860	6660	6200	9127	8270	5435	3280	4156	7062	2652	7654	7395	4450	4820	5310	4648	4875	3180	2520	4733	2770	4900	5310
Copper	Quarterly	mg/L	0.001	0.001	0.001	0.002	0.001	0.002	0.001	<0.001	0.003	0.009	0.005	0.002	0.008	<0.001	0.002	0.001	0.001	0.001	0.003	0.003	<0.01	0.002	0.001	<0.001	<0.001	0.002	0.005	0.001	0.001	0.002	0.002	0.001	0.003
Dissolved Organic Carbon	Quarterly	mg/L	5.1	5	3.7	3.9	2.7	3.9	2.9	2.9	2.6	2.6	2.6	2.8	2.9	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Dissolved Oxygen	Quarterly	mg/L	7.68	9.48	9.67	12.11	7.8	13.2	14.48	10.17	19.2	7.2	15.7	8.99	12	5.85	7.2	21.9	5.2	4.8	14.5	9.6	16.5	15.2	10.7	5.2	6.61	2.45	6.9	9.9	7.9	10.5	5.98	9.48	7.65
Manganese	Quarterly	mg/L	30.2	58.1	111	80.5	59.7	139	108	94	69	176	92.3	106	104	124	166	99	60	69	123	51	114	118	75	79	89	79.2	80	70.8	68.1	102	60	102	59
Nitrogen (total)	Quarterly	mg/L	43.4	91.4	335	334	37.7	41.5	51.9	46.7	23.7	272	52	42.1	43.8	67.8	64.5	94.9	35.3	28.8	117	36.1	67.9	59.6	59.4	74.6	41.3	58.7	90.9	88.68	47.18	30.7	31.8	84.2	43.62
Organochlorine Pesticides	Quarterly	mg/L	<0.001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.1	<0.0001	0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.2	<0.2	<0.2	<0.2	0	0	0	0	<0.2	<0.2	<0.2
Organophosphate Pesticides	Quarterly	mg/L	<0.001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.1	<0.0001	<0.0001	<0.0001	<0.0001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.2	<0.2	<0.2	<0.2	0	0	0	0	<0.2	<0.2	<0.2
Phenols	Quarterly	mg/L	0.53	0.73	0.49	0.56	0.39	0.47	0.49	0.52	0.79	0.7	0.89	0.74	0.74	0.8	0.76	0.76	0.78	0.59	0.77	0.83	0.92	0.73	0.51	0.45	0.45	0.53	0.58	0.37	0.32	0.39	0.61	0.58	0.7
Phosphorus	Quarterly	mg/L	<0.0005	<0.5	<0.0005	<0.0005	<0.5	0.011	0.005	<0.0005	<0.0005	0.096	0.0007	0.0007	<0.0005	14	<0.005	<0.0005	<0.003	<0.002	<0.002	<0.001	<0.001	<0.002	0.3	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Potassium	Quarterly	mg/L	0.019	0.32	0.65	0.75	0.25	2.07	0.86	0.53	0.38	5.73	3.68	2.61	0.54	1.65	0.63	3.41	0.65	1.5	0.8	0.67	3.66	2.2	0.32	0.389	0.42	0.4	0.34	2.48	0.58	1.07	1	1.872	2.62
Potassium	Quarterly	mg/L	45	116	193	116	80.8	379	158	132	76	275	279	209	181	279	302	156	106	133	218	90	254	241	140	141	178	129	145	112	116	188	1.36	320	152
Semi-volatile organic carbons	Quarterly	mg/L	<50	<50	<50	<50	<5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	none detected	none detected	none detected	none detected	none detected	not detected	none detected
Sodium	Quarterly	mg/L	610	1200	2600	1800	1170	4500	1900	1400	1400	3400	3100	2400	2400	3400	3600	1900	1400	1600	2600	1100	2900	2800	1700	1900	1900	1700	1800	1400	1300	1600	1300	1800	1900
Sulphate	Quarterly	mg/L	21	19	23	77	42	58	96	35	164	65	27	225	690	52	54	<1	42	34	42	41	79	160	22	44	52	53	41	3	16	21	60	61	27
Total dissolved solids	Quarterly	mg/L	892	2,287	3834	2488	1799	7900	3225	2750	1640	4950	4010	4271	4090	5840	4830	3080	2000	2470	3010	1530	4690	4,010	2465	3275	3611	2397	3312	2985	1900	3090	1745	2640	3610
Total petroleum hydrocarbons	Quarterly	mg/L	1.04	1.06	1.49	2.27	1.75	8.78	3.85	2.47	1.9	0.93	3.09	7.07	3.1	3.71	2.87	3	<0.050	0.227	0.524	<0.1	4.02	4.61	2070	1730	1290	1560	0.005	2970	1900	3690	5390	4980	4.07
Volatile organic compounds	Quarterly	mg/L	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	ND	<0.01	<0.01	<0.01	<5.010	<0.01	<0.01	<0.010	171.2	<0.013	<0.001	<0.01	<0.01	<0.001	<0.001	<10	<1	<1	none detected	none detected	none detected	nil	none detected	none detected	none detected	none detected

EPA POINT 8	Monitoring Bore MB1																																													
Parameter	**Frequency**	**Trigger level**	**unit of measure**																																											
Date/ Time sampled				**21/03/2022 14:30**	**14/09/2021**	**28/03/2021 15:00**	**1/09/2020**	**4/03/2020**	**11/09/2019**	**21/03/2019**		**19/09/2018**	**27/03/2018**	**12/09/2017**	**8/03/2017 12:30**	**22/09/2016 12:00**	**15/03/2016 10:42**	**9/09/2015**	**31/03/2015 13:05**	**19/12/2014 9:05**	**3/09/2014 7:00**	**5/03/2014 11:40**																							
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley																							
Date results received/ Date results published				09/05/2022	28/10/2021	29/04/2021	8/10/2020	30/03/2020	17/10/2019	12/04/2019	26/10/2018	30/05/2018	26/10/2017	15/05/2017																															
SWL (mAHD)	6 Months		mAHD	39.35																																										
Ammonia	6 Months	2.09	mg/L	0.102		0.124	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.205	dry bore	dry bore	dry bore	0.409	0.271	0.047	0.177																							
Dissolved Organic Carbon	6 Months	61.6	mg/L	2.1		3.9	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.4	dry bore	dry bore	dry bore	0.4	0.4	0.2	1.2																							
Nitrogen (total)	6 Months	3.3	mg/L	1.44		1.92	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.87	dry bore	dry bore	dry bore	0.46	0.54	0.9	0.92																							
Nitrate	6 Months	4.2	mg/L	1.44		1.92	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.87	dry bore	dry bore	dry bore	0.46	0.54	0.9	0.92																							
Nitrite	6 Months		mg/L	0.022																																										
Phosphorus	6 Months		mg/L	0.011																																										
pH	6 Months	5.35-9.26	pH	6.01	**Bore Dry**	5.65	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	6.45	6.82	5.86	6.9																											
Potassium	6 Months	36.9	mg/L	0.38		0.6	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	4.6	dry bore	dry bore	dry bore	4.6	8.7	5.8	5.2																							
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	62																																										
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	125.8	µg/L	-		<100	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	<100	dry bore	dry bore	dry bore	<100	<100	<100	<100																							
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	125.8	µg/L	-		<50	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	<100	dry bore	dry bore	dry bore	<100	<100	<100	<100																							
SWL (BGL)	6 Months		m	2.35		0.45	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	5.5	dry bore	dry bore	dry bore	5.44			4.8																						

EPA POINT 9	Monitoring Bore MB2																																													
Parameter	**Frequency**	**Trigger level**	**unit of measure**																																											
Time sampled				**21/03/2022 13:30**	**14/09/2021 11:15**	**18/03/2021 14:25**	**1/09/2019 13:55**	**4/03/2019 14:30**	**11/09/2019 12:30**	**21/03/2019 13:20**	**12:00**	**13:45**	**13:50**	**15:40**	**8:45**	**10:25**	**13:30**	**14:30**	**10:15**	**8:18**	**12:30**																									
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley																							
Date results received/ Date results published				03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 30/5/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017																																
SWL (mAHD)	6 Months		mAHD	29.82	29.05																																									
Ammonia	6 Months	2.09	mg/L	0.005	0.312	0.171	0.079	0.162	0.147	0.2	0.246	0.458	0.248	0.165	0.105	0.127	0.167	0.317	0.178	0.15	44.889																									
Dissolved Organic Carbon	6 Months	61.6	mg/L	3.7	3.9	1.9	3.9	2.9	2.8	3.2	2.9	0.4	4.5	3.2	4.9	3.3	1.7	12.8	10.9	23.8	8.2																									
Nitrogen (total)	6 Months	3.3	mg/L	0.43	1.96	0.27	0.19	0.25	0.24	0.36	0.4	0.4	0.4	0.27	0.26	0.21	0.292	0.5	0.37	0.29	48.24																									
Nitrate	6 Months	4.2	mg/L	<0.005	<0.005																																									
Nitrite	6 Months		mg/L	<0.005	<0.005																																									
pH	6 Months	5.11-9.5	pH	4.29	6.48	7.09	6.35	6.33	6.42	6.41	6.43	6.62	5.5	7.34	6.26	6.02	6.34	6.51	6.39	6.38	6.39																									
Phosphorus	6 Months	9.1	mg/L	1.61	4.5	4.5	4.6	3.41	4.3	4.2	4.4	4.2	4.3	4.5	4.5	4.2	3.4	3.9	4	4.2	8.5																									
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	120	<100																																									
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	139.8	µg/L	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100																									
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	139.8	µg/L	-	-	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	520																									
SWL (BGL)	6 Months		m	2.65	3.42	3.39	3.69	3.79	3.89	3.89	3.57	2.7	3.6	2.1	2.73	3.3	3.45	3.3			2.7																									

EPA POINT 10	Monitoring Bore MB3																																													
Parameter	**Frequency**	**Trigger level**	**unit of measure**																																											
Date/ Time sampled				**21/03/2022 15:20**	**14/09/2021 12:30**	**18/03/2021 13:55**	**1/09/2019 14:35**	**4/03/2019 12:00**	**11/09/2019 14:20**	**21/03/2019 15:20**	**19/09/2018 13:40**	**27/03/2018 12:55**	**12/09/2017 14:05**	**8/03/2017 12:08**	**22/09/2016 10:40**	**15/03/2016 14:10**	**9/09/2015 10:10**	**31/03/2015 15:10**	**19/12/2014 10:40**	**3/09/2014 8:50**	**5/03/2014 13:05**																									
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley																								
Date results received/ Date results published				09/05/2022	28/10/2021	29/04/2021	8/10/2020	30/03/2020	17/10/2019	12/04/2019	26/10/2018	30/5/2018	26/10/2017	15/05/2017																															
SWL (mAHD)	6 Months		mAHD	27.92	27.43																																									
Ammonia	6 Months	2.09	mg/L	0.193	<0.05	0.176	0.166	0.168	0.167	0.15	4.59	7.449	0.073	0.473	0.147	2.33	0.124	2.37	0.212	0.298	3.58																									
Dissolved Organic Carbon	6 Months	45.8	mg/L	5.1	5	2.7	3.6	1.7	3.2	5	3.1	1.7	3	6.8	8.7	4	1.7	4.1	6.1	12.2	1.6																									
Nitrogen (total)	6 Months	2.3	mg/L	0.48	0.53	0.9	0.33	0.3	0.12	0.16	11.1	7.5	1.8	0.8	0.28	2.04	0.95	2.87	0.27	0.38	4.07																									
Nitrate	6 Months		mg/L	0.023	0.223																																									
Nitrite	6 Months		mg/L	<0.005	<0.005																																									
pH	6 Months	5.54-9.1	pH	7.29	7.74	7.49	7.3	7.3	7.38	7.32	7.8	7.49	4.76	7.34	6.6	7.38	6.73	6.89	6.61	7.09	6.75																									
Potassium	6 Months	6.9	mg/L	3.23	3.8	3.8	7	2.88	3.7	3.4	4.7	3.9	3.8	4.6	3.6	4.3	2.8	3.2	3.1	4	3.5																									
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	490	<100																																									
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	106.9	µg/L	-	-	310	<100	<100	<100	<100	<150	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100																									
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	106.9	µg/L	-	-	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100																									
SWL (BGL)	6 Months		m	1.6	2.09	1.84	1.91	2.43	2.67	2.45	1.51	0.17	0.88	0.7	0.7	1.65	1.88	1.7			0.9																									

EPA POINT 11	Monitoring Bore MB4																																													
Parameter	**Frequency**	**Trigger level**	**unit of measure**																																											
Date sampled/ Time				**21/03/2022 14:50**	**14/09/2021 0:00**	**18/03/2021**	**1/09/2020**	**4/03/2020**	**11/09/2019**	**21/03/2019**	**19/09/2018**	**27/03/2018**	**12/09/2017**	**8/03/2017**	**22/09/2016**	**15/03/2016**	**9/09/2015**	**31/03/2015**	**19/12/2014**	**3/09/2014**	**5/03/2014**																								
Time sampled				**14:50**	**10:00**	**14:05**	**14:00**	**11:45**	**11:45**	**12:20**	**13:50**	**13:15**	**11:30**	**11:00**	**12:30**	**14:45**	**15:40**	**11:50**	**9:30**	**14:25**																										
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro																								
Date results received/ Date results published				09/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	8/10/2020 8/10/2020	30/03/2020 30/03/2020	17/10/2019 17/10/2019	12/04/2019 12/04/2019	26/10/2018 26/10/2018	30/5/2018 30/5/2018	26/10/2017 26/10/2017	15/05/2017 15/05/2017																																
Wl. (mAHD)	6 Months		mAHD	27.67	26.7																																									
Ammonia	6 Months	2.09	mg/L	0.164	0.067	0.175	0.159	0.098	0.216	0.09	0.07	0.128	0.113	0.063	0.068	0.058	0.035	0.07	0.16	0.031	0.077																									
Dissolved Organic Carbon	6 Months	92.9	mg/L	2.7	7.2	4.2	1.5	0.5	3	0.8	1.8	0.2	1.8	1.3	2.9	3.3	0.3	3.3	4.4	12.7	0.8																									
Nitrogen (total)	6 Months	3	mg/L	0.41	0.08	1.49	0.05	0.1	0.05	0.1	0.38	0.13	0.09	0.1	0.12	0.06	0.04	0.18	0.16	0.96	0.13																									
Nitrate	6 Months		mg/L	0.215	0.02																																									
Nitrite	6 Months		mg/L	<0.005	<0.005																																									
pH	6 Months	4.97-10.3	pH	6.06	7.54	6.76	6.72	6.61	6.79	6.9	6.81	5.37	4.97	6.63	5.79	6.61	6.46	6.73	7.41	6.72																										
Potassium	6 Months	8.6	mg/L	3.71	3.9	4.1	3.5	3.05	3.79	3.6	3.9	3.6	3.8	3.9	4	3.8	2.9	3.4	3.5	1.7	3.3																									
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	260	<100	<100	<100																																							
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	50	µg/L	-	-																																									
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	50	µg/L	-	-	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100																									
SWL (BGL)	6 Months		m	0	0.97	-	1.17	1.45	1.46	1.28	0.71	surface	0.58