

Landfill Site Monitoring

1/03/2012 to 24/12/2024



Site: Murwillumbah

EPA Licence Number: 6106

Monitoring Point: MG1		EPA Point: EPA4							
Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Nitrate	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(mg/L)	Published
14/05/2012	0.67	8.7	873	0.01	5.0		3.55	0.03	24/05/2012 29/06/2012
21/08/2012	0.87	9.9	830	0.14	6.2		<0.01	0.05	11/09/2012 14/10/2012
20/11/2012	0.72	6.3	755	0.01	7.21		2.80	0.04	4/12/2012 5/12/2012
21/02/2013	0.45	8.7	610	0.09	3.8		2.70	0.03	12/03/2013 13/03/2013
20/05/2013	0.54	6.6	838	<0.01	5.9		2.37	0.16	30/05/2013 3/06/2013
22/08/2013	0.67	7.2	770	<0.01	6.1		2.40	0.23	29/08/2013 2/09/2013
19/11/2013	0.70	9.6	688	0.01	6.7		3.03	0.03	29/11/2013 2/12/2013
20/02/2014	0.58	6.9	664	<0.01	7.4		2.55	0.03	4/03/2014 5/03/2014
19/05/2014	0.47	5.4	695	<0.01	7.0		2.94	0.10	27/05/2014 28/05/2014
19/08/2014	0.52	2.5	660	<0.01	7.1		2.28	0.26	2/09/2014 4/09/2014
17/11/2014	0.49	8.4	699	<0.01	7.6		2.55	0.11	25/11/2014 27/11/2014
17/02/2015	1.04	12	856	<0.01	5.3		2.69	0.13	26/02/2015 2/03/2015
18/05/2015	0.70	11	797	0.003	4.7		2.792	0.04	2/06/2015 4/06/2015
19/08/2015	0.68	7.5	728	0.008	6.1	--	2.75	<0.02	27/08/2015 3/09/2015
16/11/2015	0.28	1.2	559	0.006	6.9		2.02	<0.02	2/12/2015 17/12/2015
24/02/2016	0.34	3.3	540	0.006	7.1		2.012	<0.02	8/03/2016 10/03/2016
16/05/2016	0.45	8.7	726	0.009	7.5		2.394	<0.02	26/05/2016 30/05/2016
23/08/2016	0.64	3.9	688.5	0.027	7.3		2.616	<0.02	1/09/2016 5/09/2016
17/11/2016	0.3	3.0	539	0.005	7.9	1.5	2.226	<0.02	29/11/2016 8/12/2016
21/02/2017	0.36	7.2	523.9	0.009	7.8		2.12	<0.02	7/03/2017 8/03/2017
15/05/2017	0.19	2.1	639.7	0.007	7.9		1.637	0.21	30/05/2017 31/05/2017
14/08/2017	0.4	5.1	645.8	0.01156	6.5		2.54511	0.12	22/08/2017 23/08/2017
15/11/2017	0.46	9.9	644	0.0046	6.2		2.23408	<0.02	29/11/2017 30/11/2017
22/02/2018	0.52	10	584.6	0.00582	7.7		2.23326	0.26	6/03/2018 7/03/2018
17/05/2018	0.18	3.0	661.7	0.00423	6.6		1.6222	0.02	29/05/2018 30/05/2018

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... Monitoring Point MG1 continued

Pollutant	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Solids Suspended	TKN	
Limits	-	-	-	-	-	-	Received/
Date	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(mg/L)	Published
14/05/2012	0.09	0.12	2.19	6.4		2.07	24/05/2012 29/06/2012
21/08/2012	0.07	0.12	2.55	6.3		2.43	11/09/2012 14/10/2012
20/11/2012	<0.02	0.04	1.93	6.2		1.89	4/12/2012 5/12/2012
21/02/2013	0.02	0.05	1.81	6.1		1.76	12/03/2013 13/03/2013
20/05/2013	<0.02	0.16	1.88	6.2		1.72	30/05/2013 3/06/2013
22/08/2013	<0.02	0.23	2.29	6.3		2.06	29/08/2013 2/09/2013
19/11/2013	0.06	0.09	2.03	6.1		1.94	29/11/2013 2/12/2013
20/02/2014	0.07	0.10	1.62	6.0		1.52	4/03/2014 5/03/2014
19/05/2014	<0.02	0.10	1.65	6.0		1.5500	27/05/2014 28/05/2014
19/08/2014	0.02	0.28	2.52	5.9		2.2400	2/09/2014 4/09/2014
17/11/2014	<0.02	0.10	1.90	6.1		1.7900	25/11/2014 27/11/2014
17/02/2015	<0.02	0.13	3.06	6.2		2.9300	26/02/2015 2/03/2015
18/05/2015	<0.02	0.04	2.23	6.2		2.1900	2/06/2015 4/06/2015
19/08/2015	<0.02	<0.02	1.91	6.2	--	1.9100	27/08/2015 3/09/2015
16/11/2015	<0.02	0.04	1.08	6.1		1.0400	2/12/2015 17/12/2015
24/02/2016	<0.02	<0.02	0.82	6.1		0.8200	8/03/2016 10/03/2016
16/05/2016	0.1	0.02	2.13	6.2		2.1100	26/05/2016 30/05/2016
23/08/2016	0.06	0.03	2.6	6.0		2.5700	1/09/2016 5/09/2016
17/11/2016	0.06	<0.02	0.8	6.1	----	0.8200	29/11/2016 8/12/2016
21/02/2017	<0.02	<0.02	0.99	5.9		0.9900	7/03/2017 8/03/2017
15/05/2017	0.02	0.23	1.7	6.0		1.4700	30/05/2017 31/05/2017
14/08/2017	0.08	0.2	1.89	6.1		1.6900	22/08/2017 23/08/2017
15/11/2017	0.18	0.07	1.83	6.2		1.7600	29/11/2017 30/11/2017
22/02/2018	0.02	0.28	2.12	6.3		1.8400	6/03/2018 7/03/2018
17/05/2018	<0.02	0.02	0.96	6.1		0.9400	29/05/2018 30/05/2018

Monitoring Point: MG2 EPA Point: EPA5

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Nitrate	
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Limits Date	- (mg/L)	- (mg/L)	- (μScm^{-1})	- (mg/L)	- (m)	- (mg/L)	- (mg/L)	- (mg/L)	Received/ Published
14/05/2012	0.41	4.2	540	0.01	0.5		0.73	0.06	24/05/2012 29/06/2012
21/08/2012	0.60	12	574	0.01	0.6		0.62	0.03	11/09/2012 14/10/2012
20/11/2012	0.68	12	600	<0.01	0.59		0.69	0.04	4/12/2012 5/12/2012
21/02/2013	0.40	6.3	544	0.01	0.4		0.70	0.03	12/03/2013 13/03/2013
20/05/2013	0.48	7.8	551	<0.01	0.6		0.63	0.09	30/05/2013 3/06/2013
22/08/2013	0.48	12	522	<0.01	0.6		0.69	0.07	29/08/2013 2/09/2013
19/11/2013	0.61	7.8	574	<0.01	0.5		0.78	0.09	29/11/2013 2/12/2013
20/02/2014	0.58	3.9	538	<0.01	1.2	--	0.61	<0.02	4/03/2014 5/03/2014
19/05/2014	0.62	5.4	583	<0.01	0.5		0.75	0.11	27/05/2014 28/05/2014
19/08/2014	0.57	4.8	613	<0.01	1.1		0.70	0.07	2/09/2014 4/09/2014
17/11/2014	0.56	4.5	583	<0.01	1.4		0.71	0.09	25/11/2014 26/11/2014
17/02/2015	0.61	8.4	493	0.01	0.5		0.59	0.11	26/02/2015 2/03/2015
18/05/2015	0.45	10	503	0.007	0.5		0.679	<0.02	2/06/2015 4/06/2015
19/08/2015	0.56	12.3	549	0.009	0.6		0.743	<0.02	27/08/2015 3/09/2015
16/11/2015	0.41	9.9	531	0.004	0.6		0.725	0.02	2/12/2015 3/12/2015
24/02/2016	0.52	7.5	490	0.011	1.1	----	0.608	<0.02	8/03/2016 10/03/2016
16/05/2016	0.49	7.8	562	0.007	1.2		0.619	<0.02	26/05/2016 30/05/2016
23/08/2016	0.5	9.0	562.8	0.011	1.1		0.773	<0.02	1/09/2016 15/09/2016
17/11/2016	0.52	4.8	537.4	0.003	1.2		0.664	<0.02	29/11/2016 30/11/2016
21/02/2017	0.58	4.8	513.8	0.005	1.6	1.9	0.622	<0.02	7/03/2017 8/03/2017
15/05/2017	0.49	6.9	528.5	0.004	1.0		0.652	<0.02	30/05/2017 1/06/2017
14/08/2017	0.62	10.8	559.1	0.00537	1.0		0.71286	<0.02	22/08/2017 23/08/2017
15/11/2017	0.54	6.3	474.3	0.00317	1.1		0.57364	<0.02	29/11/2017 30/11/2017
22/02/2018	0.51	5.1	478.4	0.00715	1.5		0.6117	<0.02	6/03/2018 7/03/2018
17/05/2018	0.52	6.9	460	0.00475	1.1		0.61127	<0.02	29/05/2018 30/05/2018
23/08/2018	0.65	7.8	532.4	0.00908	1.5		0.66234	<0.02	5/09/2018 6/09/2018
6/12/2018	0.5	4.5	462	0.0077	1.2		0.58124	<0.02	19/12/2018 20/12/2018
7/03/2019	0.47	5.1	427.8	0.00556	1.5		0.51405	<0.02	19/03/2019 20/03/2019
16/05/2019	0.51	4.2	406	0.005	1.2		0.532	<0.02	27/05/2019 28/05/2019

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13/08/2019	0.54	8.7	540	0.007	1.3		0.725	<0.02	20/08/2019 21/08/2019
18/11/2019	0.61	4.2	588	0.005	2.2		0.721	<0.02	2/12/2019 3/12/2019
5/02/2020	0.88	1.8	416	0.008	1.4		0.598	0.09	14/02/2020 17/02/2020
18/05/2020	0.59	4.5	482	0.010	1.2		0.672	<0.02	27/05/2020 28/05/2020
3/08/2020	0.52	4.8	463	0.011	1.1		0.610	<0.02	11/08/2020 12/08/2020
8/12/2020	0.60	4.5	536	0.026	1.8		0.752	<0.02	14/12/2020 15/12/2020
29/03/2021	0.41	3.6	472	0.0098	1.0		0.612	<0.02	15/04/2021 19/04/2021
22/06/2021	0.48	3.6	408	0.015	1.1		0.624	<0.02	6/07/2021 7/07/2021
28/09/2021	0.53	2.4	491	0.004	1.3		0.739	<0.02	7/10/2021 11/10/2021
8/12/2021	0.50	1.2	454	0.011	1.0		0.654	<0.02	15/12/2021 16/12/2021
22/03/2022	0.40	2.7	452	0.018	1.0	1.6	0.622	<0.02	29/03/2022 30/03/2022
28/06/2022	0.46	2.7	415	0.006	1.0		0.645	<0.02	5/07/2022 6/07/2022
27/09/2022	0.44	3.6	394	0.007	1.0		0.627	<0.02	5/10/2022 6/10/2022
12/12/2022	0.42	2.1	413	0.008	1.2		0.653	<0.02	20/12/2022 21/12/2022
27/06/2023	0.46	3.0	408	0.007	1.2		0.642	<0.02	4/07/2023 5/07/2023
26/09/2023	0.55	<1.0	438	0.013	1.6		0.727	<0.02	4/10/2023 5/10/2023
11/12/2023	0.55	3.9	373	0.008	1.7		0.591	<0.02	19/12/2023 20/12/2023
10/12/2024	0.41	3.9	383	0.014	1.0		0.685	<0.02	23/12/2024 24/12/2024

... Monitoring Point MG2 continued

Pollutant	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Solids Suspended	TKN	
Limits	-	-	-	-	-	-	Received/ Published
Date	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(mg/L)	
14/05/2012	0.02	0.08	1.21	5.8		1.13	24/05/2012 29/06/2012
21/08/2012	0.03	0.06	1.42	6.0		1.36	11/09/2012 14/10/2012
20/11/2012	<0.02	0.04	1.45	6.1		1.41	4/12/2012 5/12/2012
21/02/2013	0.02	0.05	1.24	5.8		1.19	12/03/2013 13/03/2013
20/05/2013	<0.02	0.09	1.50	6.0		1.41	30/05/2013 3/06/2013
22/08/2013	<0.02	0.07	1.47	6.0		1.40	29/08/2013 2/09/2013
19/11/2013	0.04	0.13	1.33	6.2		1.20	29/11/2013 2/12/2013
20/02/2014	0.07	0.06	1.32	6.6	--	1.25	4/03/2014 5/03/2014
19/05/2014	<0.02	0.11	1.45	6.2		1.3400	27/05/2014 28/05/2014

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19/08/2014	<0.02	0.07	1.43	6.2		1.3600	2/09/2014 4/09/2014
17/11/2014	<0.02	0.09	1.47	6.2		1.3800	25/11/2014 26/11/2014
17/02/2015	<0.02	0.11	1.29	5.9		1.1800	26/02/2015 2/03/2015
18/05/2015	0.05	<0.02	1.36	5.9		1.3600	2/06/2015 4/06/2015
19/08/2015	<0.02	<0.02	1.49	6.1		1.4900	27/08/2015 3/09/2015
16/11/2015	<0.02	0.02	1.38	6.1		1.3600	2/12/2015 3/12/2015
24/02/2016	0.03	<0.02	1.26	6.2	----	1.2900	8/03/2016 10/03/2016
16/05/2016	0.07	0.02	1.37	6.3		1.3500	26/05/2016 30/05/2016
23/08/2016	0.08	<0.02	1.7	6.0		1.7000	1/09/2016 15/09/2016
17/11/2016	0.16	<0.02	1.19	6.1		1.1900	29/11/2016 30/11/2016
21/02/2017	0.08	0.09	1.16	6.2		1.0600	7/03/2017 8/03/2017
15/05/2017	0.06	<0.02	1.34	6.0		1.3400	30/05/2017 1/06/2017
14/08/2017	<0.02	<0.02	1.36	6.0		1.3400	22/08/2017 23/08/2017
15/11/2017	0.08	<0.02	1.28	6.1		1.3100	29/11/2017 30/11/2017
22/02/2018	0.03	<0.02	1.16	6.2		1.1600	6/03/2018 7/03/2018
17/05/2018	0.04	<0.02	1.34	6.1		1.3400	29/05/2018 30/05/2018
23/08/2018	0.15	0.05	1.25	6.4		1.2000	5/09/2018 6/09/2018
6/12/2018	0.08	<0.02	1.12	6.2		1.1200	19/12/2018 20/12/2018
7/03/2019	0.07	<0.02	1.07	6.2		1.0700	19/03/2019 20/03/2019
16/05/2019	0.04	0.02	1.16	6.0		1.14	27/05/2019 28/05/2019
13/08/2019	0.08	<0.02	1.29	6.2		1.29	20/08/2019 21/08/2019
18/11/2019	0.12	<0.02	1.03	6.3		1.03	2/12/2019 3/12/2019
5/02/2020	0.02	0.11	1.27	6.2		1.16	14/02/2020 17/02/2020
18/05/2020	0.05	0.05	1.29	6.1		1.24	27/05/2020 28/05/2020
3/08/2020	0.06	0.06	1.30	6.1		1.24	11/08/2020 12/08/2020
8/12/2020	0.07	0.07	1.31	6.0		1.24	14/12/2020 15/12/2020
29/03/2021	0.03	0.04	0.87	5.9		0.83	15/04/2021 19/04/2021
22/06/2021	0.02	0.02	1.14	5.8		1.12	6/07/2021 7/07/2021
28/09/2021	<0.02	<0.02	1.11	5.9		1.11	7/10/2021 11/10/2021
8/12/2021	0.02	0.02	0.97	5.9		0.95	15/12/2021 16/12/2021

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22/03/2022	0.02	0.02	0.96	5.8	784	0.94	29/03/2022 30/03/2022
28/06/2022	0.02	0.02	0.99	5.8		0.97	5/07/2022 6/07/2022
27/09/2022	0.02	0.02	0.86	5.8		0.84	5/10/2022 6/10/2022
12/12/2022	0.03	0.03	0.94	5.8		0.91	20/12/2022 21/12/2022
27/06/2023	0.03	0.03	0.95	5.9		0.92	4/07/2023 5/07/2023
26/09/2023	0.04	0.04	1.15	6.0		1.13	4/10/2023 5/10/2023
11/12/2023	0.02	0.02	1.03	5.8		1.01	19/12/2023 20/12/2023
10/12/2024	0.03	0.03	1.36	5.9		1.33	23/12/2024 24/12/2024

Monitoring Point: MG3 EPA Point: EPA6

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Nitrate	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(mg/L)	Published
14/05/2012	0.55	3.9	1806	0.08	1.5		20	0.03	24/05/2012 29/06/2012
21/08/2012	0.45	3.6	1554	0.01	1.4		0.61	<0.02	11/09/2012 14/10/2012
20/11/2012	0.44	4.8	1618	0.14	1.49		18	<0.02	4/12/2012 5/12/2012
21/02/2013	0.38	3.6	1424	0.13	1.0		13	0.51	12/03/2013 13/03/2013
20/05/2013	0.36	3.6	1457	0.09	1.0		13	0.08	30/05/2013 3/06/2013
22/08/2013	0.40	1.8	1524	0.10	1.4		17	0.04	29/08/2013 2/09/2013
19/11/2013	0.30	2.4	1222	0.14	1.3		5.04	0.06	29/11/2013 2/12/2013
20/02/2014	0.37	3.9	1321	0.12	1.8		12.9	0.03	4/03/2014 5/03/2014
19/05/2014	0.35	2.7	1432	0.11	1.5		14	0.10	27/05/2014 28/05/2014
19/08/2014	0.28	2.4	1302	0.14	1.5		8.26	0.09	2/09/2014 4/09/2014
17/11/2014	0.36	3.9	1452	0.14	1.8		16.3	0.05	25/11/2014 26/11/2014
17/02/2015	0.38	3.6	1372	0.12	1.5		6.82	0.06	26/02/2015 2/03/2015
18/05/2015	0.31	4.5	1313	0.107	1.3		4.471	<0.02	2/06/2015 4/06/2015
19/08/2015	0.35	5.7	1425	0.021	1.4		10.8	0.02	27/08/2015 3/09/2015
16/11/2015	0.19	<1.0	1375	0.101	1.4		9.56	0.03	2/12/2015 3/12/2015
24/02/2016	0.37	<1.0	1460	0.115	1.8		16.136	<0.02	8/03/2016 10/03/2016
16/05/2016	0.17	2.7	1451	0.083	2.6		11.966	<0.02	26/05/2016 10/08/2016
23/08/2016	0.28	2.7	1345	0.091	2.5		7.718	0.02	1/09/2016 5/09/2016

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17/11/2016	0.16	2.4	1267.7	0.264	2.6		5.404	0.06	29/11/2016 30/11/2016
21/02/2017	0.41	<1.0	1455.3	0.139	2.9		14.025	0.02	7/03/2017 8/03/2017
15/05/2017	0.36	2.7	1551.6	0.109	2.4		15.669	<0.02	30/05/2017 31/05/2017
14/08/2017	0.48	1.2	1423.1	0.1169	2.5		9.00314	0.02	22/08/2017 23/08/2017
15/11/2017	0.36	<1.0	1426	0.12619	2.5		6.37216	<0.02	29/11/2017 30/11/2017
22/02/2018	0.27	<1.0	1337.5	0.20623	2.8		4.63795	0.17	6/03/2018 7/03/2018
17/05/2018	0.31	<1.0	1381.7	0.1291	2.5		4.37252	0.02	29/05/2018 21/06/2018
23/08/2018	0.4	1.2	1330	0.12522	2.9		6.74757	0.02	5/09/2018 6/09/2018
6/12/2018	0.3	<1.0	1354.9	0.13058	1.5		4.6252	<0.02	19/12/2018 20/12/2018
7/03/2019	0.39	<1.0	1223.7	0.15144	2.8		3.80479	<0.02	19/03/2019 20/03/2019
16/05/2019	0.47	<1.0	1332	0.160	2.6		7.58	<0.02	27/05/2019 28/05/2019
13/08/2019	0.38	1.2	1256	0.150	2.7		5.31	<0.02	20/08/2019 21/08/2019
18/11/2019	0.38	<1.0	1245	0.171	3.5		6.28	<0.02	2/12/2019 3/12/2019
5/02/2020	0.30	<1.0	1182	0.210	2.7		4.53	0.02	14/02/2020 17/02/2020
18/05/2020	0.27	<1.0	1146	0.191	2.7		3.90	0.08	27/05/2020 28/05/2020
3/08/2020	0.29	<1.0	1306	0.188	2.5		4.41	<0.02	11/08/2020 12/08/2020
8/12/2020	0.32	1.2	1181	0.113	3.2		7.14	<0.02	14/12/2020 15/12/2020
29/03/2021	0.30	<1.0	1545	0.161	2.4		7.15	<0.02	15/04/2021 19/04/2021
22/06/2021	0.31	<1.0	1278	0.186	2.7		6.13	<0.02	6/07/2021 7/07/2021
28/09/2021	0.29	<1.0	1343	0.189	2.8		10.7	0.08	7/10/2021 11/10/2021
8/12/2021	0.32	<1.0	1475	0.171	2.5		7.62	<0.02	15/12/2021 16/12/2021
22/03/2022	0.31	<1.0	1776	0.151	2.5	3.9	10.8	<0.02	29/03/2022 30/03/2022
28/06/2022	0.33	2.1	1657	0.152	2.5		12.3	<0.02	5/07/2022 6/07/2022
27/09/2022	0.27	2.1	1599	0.180	2.5		6.89	0.02	5/10/2022 6/10/2022
12/12/2022	0.22	1.2	1296	0.119	2.7		9.69	<0.02	20/12/2022 21/12/2022
28/03/2023	0.39	2.7	1467	0.143	2.6		17.9	0.02	4/04/2023 5/04/2023
27/06/2023	0.30	1.5	1185	0.120	2.7		10.8	<0.02	4/07/2023 5/07/2023
26/09/2023	0.34	<1.0	1112	0.150	3.0		8.43	<0.02	4/10/2023 5/10/2023
11/12/2023	0.39	1.8	1282	0.098	3.2		12.9	<0.02	19/12/2023 20/12/2023
26/03/2024	0.36	1.2	1596	0.154	2.6		18.4	<0.02	2/04/2024 3/04/2024

Landfill Site Monitoring

1/03/2012 to 24/12/2024

25/06/2024	0.33	<3.0	1510	0.148	2.7		17.0	0.02	2/07/2024 3/07/2024
23/09/2024	0.30	<1.0	1264	0.132	2.8		13.2	0.05	9/10/2024 14/10/2024
10/12/2024	0.34	3.6	1618	0.143	2.6		18.6	<0.02	23/12/2024 24/12/2024

... Monitoring Point MG3 continued

Pollutant	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Solids Suspended	TKN	
Limits	-	-	-	-	-	-	Received/ Published
Date	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(mg/L)	
14/05/2012	0.03	0.06	0.91	4.1		0.85	24/05/2012 29/06/2012
21/08/2012	0.03	0.03	0.81	4.4		0.78	11/09/2012 14/10/2012
20/11/2012	0.02	0.03	0.80	4.2		0.77	4/12/2012 5/12/2012
21/02/2013	<0.02	0.51	1.35	4.0		0.84	12/03/2013 13/03/2013
20/05/2013	<0.02	0.08	0.90	4.0		0.82	30/05/2013 3/06/2013
22/08/2013	<0.02	0.04	0.84	4.2		0.80	29/08/2013 2/09/2013
19/11/2013	<0.02	0.06	0.69	4.1		0.63	29/11/2013 2/12/2013
20/02/2014	<0.02	0.03	1.00	4.6		0.97	4/03/2014 5/03/2014
19/05/2014	<0.02	0.10	0.80	4.0		0.7000	27/05/2014 28/05/2014
19/08/2014	<0.02	0.09	0.85	3.9		0.7600	2/09/2014 4/09/2014
17/11/2014	<0.02	0.05	0.97	4.2		0.9200	25/11/2014 26/11/2014
17/02/2015	<0.02	0.06	0.78	4.0		0.7200	26/02/2015 2/03/2015
18/05/2015	<0.02	<0.02	0.72	3.9		0.7200	2/06/2015 4/06/2015
19/08/2015	<0.02	0.02	0.93	4.1		0.9100	27/08/2015 3/09/2015
16/11/2015	<0.02	0.03	0.73	4.1		0.7000	2/12/2015 3/12/2015
24/02/2016	<0.02	<0.02	0.8	4.2		0.8000	8/03/2016 10/03/2016
16/05/2016	<0.02	<0.02	0.77	4.2		0.7700	26/05/2016 10/08/2016
23/08/2016	<0.02	0.02	0.57	3.9		0.5500	1/09/2016 5/09/2016
17/11/2016	<0.02	0.06	0.61	3.9		0.5500	29/11/2016 30/11/2016
21/02/2017	<0.02	0.02	0.88	4.1		0.8600	7/03/2017 8/03/2017
15/05/2017	<0.02	<0.02	0.71	4.0		0.7100	30/05/2017 31/05/2017
14/08/2017	<0.02	0.02	0.8	3.9		0.7800	22/08/2017 23/08/2017
15/11/2017	<0.02	<0.02	0.7	3.9		0.7000	29/11/2017 30/11/2017
22/02/2018	<0.02	0.17	0.96	3.8		0.7900	6/03/2018 7/03/2018

Landfill Site Monitoring

1/03/2012 to 24/12/2024

17/05/2018	<0.02	0.02	0.69	3.8		0.6700	29/05/2018 21/06/2018
23/08/2018	<0.02	0.02	0.76	4.0		0.7400	5/09/2018 6/09/2018
6/12/2018	<0.02	<0.02	0.63	3.9		0.6300	19/12/2018 20/12/2018
7/03/2019	<0.02	<0.02	0.97	4.0		0.9700	19/03/2019 20/03/2019
16/05/2019	<0.02	<0.02	0.71	3.8		0.71	27/05/2019 28/05/2019
13/08/2019	<0.02	<0.02	0.81	3.8		0.81	20/08/2019 21/08/2019
18/11/2019	<0.02	<0.02	0.81	4.1		0.81	2/12/2019 3/12/2019
5/02/2020	<0.02	0.02	0.63	3.8		0.61	14/02/2020 17/02/2020
18/05/2020	<0.02	0.08	0.84	3.7		0.76	27/05/2020 28/05/2020
3/08/2020	<0.02	<0.02	0.62	3.8		0.62	11/08/2020 12/08/2020
8/12/2020	0.02	0.02	0.96	4.0		0.94	14/12/2020 15/12/2020
29/03/2021	<0.02	<0.02	0.62	3.8		0.62	15/04/2021 19/04/2021
22/06/2021	<0.02	<0.02	0.71	3.8		0.71	6/07/2021 7/07/2021
28/09/2021	<0.02	0.08	0.72	3.9		0.64	7/10/2021 11/10/2021
8/12/2021	<0.02	<0.02	0.63	3.8		0.63	15/12/2021 16/12/2021
22/03/2022	<0.02	<0.02	0.68	3.8	363	0.68	29/03/2022 30/03/2022
28/06/2022	<0.02	<0.02	0.69	4.0		0.69	5/07/2022 6/07/2022
27/09/2022	<0.02	0.02	0.71	3.9		0.69	5/10/2022 6/10/2022
12/12/2022	<0.02	<0.02	0.70	4.0		0.70	20/12/2022 21/12/2022
28/03/2023	<0.02	0.02	0.77	4.1		0.75	4/04/2023 5/04/2023
27/06/2023	<0.02	<0.02	0.59	4.0		0.59	4/07/2023 5/07/2023
26/09/2023	<0.02	<0.02	0.67	4.0		0.67	4/10/2023 5/10/2023
11/12/2023	<0.02	<0.02	0.72	4.1		0.72	19/12/2023 20/12/2023
26/03/2024	<0.02	<0.02	0.64	3.9		0.64	2/04/2024 3/04/2024
25/06/2024	<0.02	0.02	0.58	4.1		0.56	2/07/2024 3/07/2024
23/09/2024	<0.02	0.05	0.56	4.0		0.51	9/10/2024 14/10/2024
10/12/2024	<0.02	<0.02	0.65	4.0		0.65	23/12/2024 24/12/2024

Monitoring Point: MS3 EPA Point: EPA3

Landfill Site Monitoring

1/03/2012 to 24/12/2024

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	DO (Membrane Electrode)	Manganese Total	Nitrate	Nitrite	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(N mg/L)	Published
14/05/2012	15.8	2.7	999	<0.01	3.3	1.13	0.06	0.03	24/05/2012 29/06/2012
21/08/2012	6.51	3.0	972	<0.01	7.1	0.08	2.15	0.31	11/09/2012 14/10/2012
21/02/2013	0.21	5.4	328	<0.01	7.2	0.82	<0.02	<0.02	12/03/2013 13/03/2013
20/05/2013	8.09	2.1	1054	<0.01	5.0	0.31	0.05	0.04	30/05/2013 3/06/2013
22/08/2013	1.13	2.4	943	<0.01	7.8	0.07	0.37	0.08	29/08/2013 2/09/2013
19/11/2013	0.15	13.2	247	<0.01	1.3	1.58	0.04	<0.02	29/11/2013 2/12/2013
19/08/2014	0.31	5.7	207	<0.01	2.8	0.09	0.04	0.02	2/09/2014 4/09/2014
17/02/2015	0.15	15	676	<0.01	4.1	0.70	0.09	<0.02	26/02/2015 2/04/2015
18/05/2015	6.41	4.5	911	0.004	6.7	0.606	0.03	0.02	2/06/2015 4/06/2015
24/02/2016	--	--	--	--	----	--	<0.02	--	8/03/2016 10/03/2016
23/08/2016	<0.02	6.6	839.7	0.001	3.1	0.571	<0.02	<0.02	1/09/2016 5/09/2016
17/11/2016	---	[NT]	[NT]	[NT]	[NT]	[NT]	<0.02	---	29/11/2016 30/11/2016
15/05/2017	4.92	7.8	968.6	0.002	2.9	0.948	<0.02	0.03	30/05/2017 31/05/2017
14/08/2017	11.77	6.6	1189.7	0.00203	6.1	1.79212	<0.02	<0.02	22/08/2017 23/08/2017
29/03/2021	7.38	16	976	0.005	1.2	0.782	<0.02	0.02	15/04/2021 19/04/2021
... Monitoring Point MS3 continued									

Landfill Site Monitoring

1/03/2012 to 24/12/2024

Pollutant	Nitrogen Oxidised	Nitrogen Total	pH	Solids Suspended	TKN	
Limits	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(mg/L)	Published
14/05/2012	0.09	16.7	7.3	6.0	16.53	24/05/2012 29/06/2012
21/08/2012	2.46	9.17	7.7	9.2	6.69	11/09/2012 14/10/2012
21/02/2013	<0.02	0.95	6.8	12	0.90	12/03/2013 13/03/2013
20/05/2013	0.09	8.98	7.4	7.0	8.89	30/05/2013 3/06/2013
22/08/2013	0.45	2.56	7.5	15	2.22	29/08/2013 2/09/2013
19/11/2013	0.04	1.60	6.6	28	1.57	29/11/2013 2/12/2013
19/08/2014	0.06	1.61	6.1	11	1.6000	2/09/2014 4/09/2014
17/02/2015	0.09	2.48	6.8	30	2.3500	26/02/2015 2/04/2015
18/05/2015	0.05	8.52	6.9	25	8.4700	2/06/2015 4/06/2015
24/02/2016	--	--	--	--	<0.05	8/03/2016 10/03/2016
23/08/2016	<0.02	1.35	7.0	17	1.3500	1/09/2016 5/09/2016
17/11/2016	---	---	[NT]	[NT]	<0.05	29/11/2016 30/11/2016
15/05/2017	<0.02	6.95	7.0	80	6.9500	30/05/2017 31/05/2017
14/08/2017	<0.02	11.83	6.9	46	11.8300	22/08/2017 23/08/2017
29/03/2021	<0.02	8.21	7.0	18	8.21	15/04/2021 19/04/2021