

Landfill Site Monitoring

1/03/2012 to 25/03/2020



Site: Stotts Primary

EPA Licence Number: 6108

Monitoring Point: GMB1 EPA Point: EPA8									
Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	DO (Membrane Electrode)	Manganese Total	Methane	Nitrate	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(mg/L)	(mg/L)	(% (v/v))	(N mg/L)	Published
22/03/2012	0.44	1.4	4740	0.03	1.9	2.34	<0.05	0.76	10/04/2012 29/06/2012
21/06/2012	0.80	1.2	7190	0.01	3.6	4.11	<0.05	0.04	6/07/2012 9/08/2012
9/12/2015	----	----	----	----	----	----	----	<0.02	18/12/2015 21/12/2015
7/06/2017	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]	[NT]	14/06/2017 20/07/2017
... Monitoring Point GMB1 continued									
Pollutant	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN			
Limits	-	-	-	-	-	-	-	Received/	
Date	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)		Published	
22/03/2012	0.02	0.78	2.60	6.9	+111	1.82		10/04/2012 29/06/2012	
21/06/2012	<0.02	0.04	1.08	6.7	+13	1.06		6/07/2012 9/08/2012	
9/12/2015	----	----	----	----	----	<0.05		18/12/2015 21/12/2015	
7/06/2017	[NT]	[NT]	[NT]	[NT]	[NT]			14/06/2017 20/07/2017	

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Monitoring Point: GMB10A		EPA Point: EPA18							
Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
12/12/2012	3.60	1.2	526	0.02		1.2	0.18	0.75	20/12/2012 24/12/2012
27/11/2013	2.65	2.4	501	0.11		2.1	0.35	0.75	10/12/2013 11/12/2013
10/12/2014	3.01	4.5	453	<0.01		<1.0	8.62	2.55	18/12/2014 22/12/2014
9/12/2015	2.38	<1.0	588	0.063		2.6	0.303	<0.05	16/12/2015 15/09/2016
7/12/2016	1.98	<1.0	508.9	0.089		2.4	0.27	----	21/12/2016 16/03/2017
12/12/2016								2.4	21/12/2016 16/03/2017
13/12/2016								0.75	21/12/2016 16/03/2017
14/12/2016								0.30	21/12/2016 20/03/2017
15/12/2016								0.25	21/12/2016 20/03/2017
16/12/2016								0.15	21/12/2016 20/03/2017
22/12/2016								0.10	12/01/2017 23/03/2017
29/12/2016								<0.05	12/01/2017 23/03/2017
12/01/2017								2.4	24/01/2017 23/03/2017
2/02/2017								0.15	7/02/2017 23/03/2017
8/02/2017								<0.05	14/02/2017 23/03/2017
15/02/2017								<0.05	21/02/2017 23/03/2017
23/02/2017								<0.05	8/03/2017 23/03/2017
30/11/2017	1.59	1.2	554.9	0.01067	3.7	3.0	0.29942	<0.05	13/12/2017 14/12/2017
13/12/2018	1.48	1.5	546.7	0.03197	4.0	1.5	0.28257	<0.1	21/12/2018 24/12/2018
27/11/2019	1.48	<1.0	548	0.011	4.9	1.9	0.287	<0.05	5/12/2019 9/12/2019

... Monitoring Point GMB10A continued



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Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
12/12/2012	0.05	<0.02	0.05	4.64	5.0	+119	4.59	20/12/2012 24/12/2012
27/11/2013	0.13	<0.02	0.13	5.50	5.0	+132	5.37	10/12/2013 11/12/2013
10/12/2014	0.07	<0.02	0.07	5.25	5.1	+125	5.1800	18/12/2014 22/12/2014
9/12/2015	0.02	<0.02	0.02	3.82	4.8	+152	3.8000	16/12/2015 15/09/2016
7/12/2016	0.03	<0.02	0.03	3.33	4.7	212	3.3000	21/12/2016 16/03/2017
30/11/2017	0.18	<0.02	0.18	2.61	4.8	192	2.4300	13/12/2017 14/12/2017
13/12/2018	<0.02	<0.02	<0.02	1.73	4.7	239.3	1.7300	21/12/2018 24/12/2018
27/11/2019	<0.02	<0.02	<0.02	1.97	4.9	193.4	1.97	5/12/2019 9/12/2019

Monitoring Point: GMB11 EPA Point: EPA19

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	0.07	1.5	390	0.02		1.5	0.11	<0.05	10/04/2012 29/06/2012
21/06/2012	0.08	1.5	351	0.01		1.8	0.11	<0.05	6/07/2012 9/08/2012
19/09/2012	0.10	1.2	382	<0.01		1.8	0.13	<0.05	3/10/2012 14/10/2012
12/12/2012	0.08	<1.0	477	<0.01		1.6	0.24	<0.05	24/12/2012 25/12/2012
20/03/2013	0.14	2.7	450	<0.01		1.3	0.11	<0.05	4/04/2013 11/04/2013
20/06/2013	0.13	2.7	448	<0.01		2.1	0.17	<0.05	3/07/2013 4/07/2013
18/09/2013	0.07	2.1	363	<0.01		1.9	0.17	<0.05	30/09/2013 1/10/2013
27/11/2013	0.07	3.0	457	<0.01		2.1	0.24	<0.05	9/12/2013 10/12/2013
12/03/2014	0.11	3.3	640	<0.01		4.0	0.26	<0.05	25/03/2014 26/03/2014
18/06/2014	0.11	2.4	697	<0.01		2.4	0.34	<0.05	3/07/2014 10/07/2014
17/09/2014	0.09	1.5	591	<0.01		2.2	0.25	<0.05	24/09/2014 25/09/2014
10/12/2014	0.13	1.8	822	<0.01		1.5	0.37	<0.05	17/12/2014 18/12/2014
18/03/2015	0.10	2.1	543	0.001		<1.0	0.215	<0.05	25/03/2015 26/03/2015
18/06/2015	0.08	3.6	483	<0.001		2.7	0.192	<0.05	2/07/2015 6/07/2015
23/09/2015	0.03	1.5	483	0.001		2.2	0.188	<0.05	6/10/2015 8/10/2015
9/12/2015	<0.02	<1.0	405	0.001		2.0	0.146	<0.05	18/12/2015 21/12/2015

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23/03/2016	<0.02	<1.0	324	0.001		2.2	0.088	<0.05	8/04/2016 11/04/2016
22/06/2016	<0.02	<1.0	414	0.002		1.9	0.128		5/07/2016 15/09/2016
21/09/2016	<0.02	1.2	337.8	0.003		1.8	0.098	<0.05	28/09/2016 6/10/2016
7/12/2016	<0.02	<1.0	1603.4	0.001		1.6	0.163	<0.05	21/12/2016 16/03/2017
8/03/2017	0.05	<1.0	545.4	0.001		1.8	0.181	<0.05	23/03/2017 27/03/2017
7/06/2017	0.02	1.5	372.1	0.002		0.9	0.112	<0.05	14/06/2017 15/06/2017
13/09/2017	0.02	<1.0	420.1	0.00121	2.8	2.0	0.14023	<0.05	28/09/2017 12/10/2017
30/11/2017	<0.02	<1.0	1579.5	0.00112	1.8	2.9	0.13345	<0.05	13/12/2017 14/12/2017
14/03/2018	<0.02	<1.0	321	<0.001	1.8	2.0	0.08035	<0.05	12/04/2018 16/04/2018
14/06/2018	<0.02	<1.0	328.4	<0.001	2.4	2.3	0.09968	<0.05	26/06/2018 27/06/2018
12/09/2018	0.02	<1.0	511.3	<0.001	2.3	2.3	0.15473	<0.05	25/09/2018 26/09/2018
13/12/2018	<0.02	<1.0	1606.7	0.00106	1.9	2.2	0.82692	<0.1	21/12/2018 24/12/2018
13/03/2019	0.03	<1.0	540.4	0.00114	3.2	2.1	0.20516	<0.05	26/03/2019 27/03/2019
13/06/2019	<0.02	<1.0	346	0.001	2.5	2.2	0.125	<0.05	25/06/2019 26/06/2019
11/09/2019	<0.02	<1.0	385	0.001	2.8	2.2	0.128	<0.05	18/09/2019 19/09/2019
26/11/2019	0.05	<1.0	539	0.002	3.2	3.0	0.194	<0.05	5/12/2019 9/12/2019
27/11/2019	<0.02	<1.0	1605	0.036	2.6	1.8	0.843	<0.05	5/12/2019 9/12/2019
11/03/2020	0.06	1.2	550	<0.001	1.5	2.3	0.219	<0.05	24/03/2020 25/03/2020

... Monitoring Point GMB11 continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
22/03/2012	0.30	<0.02	0.30	0.60	5.4	+253	0.30	10/04/2012 29/06/2012
21/06/2012	0.34	<0.02	0.34	0.64	5.3	+1811	0.30	6/07/2012 9/08/2012
19/09/2012	0.05	<0.02	0.05	0.31	5.4	+81	0.26	3/10/2012 14/10/2012
12/12/2012	0.04	<0.02	0.04	0.18	5.5	+91	0.14	24/12/2012 25/12/2012
20/03/2013	0.37	<0.02	0.37	0.91	5.3	+96	0.54	4/04/2013 11/04/2013
20/06/2013	0.97	<0.02	0.97	1.42	5.5	+51	0.45	3/07/2013 4/07/2013
18/09/2013	0.03	<0.02	0.03	0.34	5.5	+84	0.31	30/09/2013 1/10/2013
27/11/2013	0.36	<0.02	0.36	0.64	5.5	+93	0.22	9/12/2013 10/12/2013
12/03/2014	0.05	<0.02	0.05	0.28	5.9	+35	0.23	25/03/2014 26/03/2014

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18/06/2014	0.04	<0.02	0.04	0.24	5.3	+92	0.2000	3/07/2014 10/07/2014
17/09/2014	0.29	<0.02	0.29	0.49	5.8	+84	0.2000	24/09/2014 25/09/2014
10/12/2014	0.03	0.02	0.05	0.26	5.6	+32	0.2100	17/12/2014 18/12/2014
18/03/2015	0.40	<0.02	0.40	0.50	4.8	+166	0.1000	25/03/2015 26/03/2015
18/06/2015	0.75	0.03	0.78	1.04	5.3	+106	0.2600	2/07/2015 6/07/2015
23/09/2015	0.03	<0.02	0.03	0.24	5.4	+117	0.2100	6/10/2015 8/10/2015
9/12/2015	2.60	<0.02	2.6	2.76	5.4	+162	0.1600	18/12/2015 21/12/2015
23/03/2016	2.82	<0.02	2.82	2.9	5.1	+191	0.0800	8/04/2016 11/04/2016
22/06/2016	0.90	<0.02	0.9	1.38	5.0	+172	0.4800	5/07/2016 15/09/2016
21/09/2016	2.86	<0.02	2.86	3.05	5.2	196	0.1900	28/09/2016 6/10/2016
7/12/2016	0.06	<0.02	0.06	0.76	5.3	349	0.1500	21/12/2016 16/03/2017
8/03/2017	<0.02	<0.02	<0.02	0.15	5.4	184.8	0.1500	23/03/2017 27/03/2017
7/06/2017	2.40	<0.02	2.4	2.73	5.4	+134	0.3300	14/06/2017 15/06/2017
13/09/2017	0.30	<0.02	0.3	0.49	5.2	340.5	0.1900	28/09/2017 12/10/2017
30/11/2017	<0.02	<0.02	4.03	0.71	5.4	195.3	<0.05	13/12/2017 14/12/2017
14/03/2018	4.44	<0.02	4.44	4.38	5.3	300.2	<0.05	12/04/2018 16/04/2018
14/06/2018	3.20	<0.02	3.2	3.26	5.4	347	0.0600	26/06/2018 27/06/2018
12/09/2018	0.44	<0.02	0.44	0.6	5.4	319.4	0.1600	25/09/2018 26/09/2018
13/12/2018	0.05	0.02	0.05	4.07	5.4	346.1	0.3900	21/12/2018 24/12/2018
13/03/2019	0.15	<0.02	0.15	0.3	5.4	125	0.1500	26/03/2019 27/03/2019
13/06/2019	3.67	<0.02	3.67	3.67	5.4	148.5	<0.05	25/06/2019 26/06/2019
11/09/2019	1.50	<0.02	1.50	1.67	5.5	354.9	0.17	18/09/2019 19/09/2019
26/11/2019	0.09	<0.02	0.09	0.37	5.5	236.9	0.28	5/12/2019 9/12/2019
27/11/2019	<0.02	<0.02	<0.02	0.35	5.4	221.4	0.35	5/12/2019 9/12/2019
11/03/2020	0.70	<0.02	0.70	1.17	5.4	62.7	0.47	24/03/2020 25/03/2020

Monitoring Point: GMB12 EPA Point: EPA20

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(μ Scm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	0.27	<1.0	624	0.03		1.3	0.36	<0.05	10/04/2012 29/06/2012

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21/06/2012	0.22	<1.0	762	0.01		1.6	0.34	<0.05	6/07/2012 9/08/2012
19/09/2012	0.29	<1.0	818	<0.01		2.5	0.29	<0.05	3/10/2012 14/10/2012
12/12/2012	0.21	<1.0	806	<0.01		1.2	0.27	<0.05	24/12/2012 25/12/2012
20/03/2013	0.26	1.2	847	<0.01		1.1	0.20	<0.05	4/04/2013 11/04/2013
20/06/2013	0.18	<1.0	780	<0.01		1.7	0.30	<0.05	3/07/2013 4/07/2013
18/09/2013	0.28	<1.0	895	0.01		1.5	0.27	<0.05	30/09/2013 1/10/2013
27/11/2013	0.28	<1.0	923	<0.01		1.5	0.27	<0.05	9/12/2013 10/12/2013
12/03/2014	0.33	<1.0	897	<0.01		1.8	0.30	<0.05	25/03/2014 26/03/2014
18/06/2014	0.22	<1.0	812	<0.01		2.1	0.28	<0.05	3/07/2014 10/07/2014
17/09/2014	0.19	<1.0	726	<0.01		1.4	0.30	<0.05	24/09/2014 2/10/2014
10/12/2014	0.25	<1.0	736	<0.01		2.0	0.34	<0.05	17/12/2014 18/12/2014
18/03/2015	0.30	<1.0	696	0.001		<1.0	0.380	<0.05	25/03/2015 26/03/2015
18/06/2015	0.22	<1.0	639	<0.001		1.6	0.399	<0.05	2/07/2015 6/07/2015
23/09/2015	0.36	1.5	821	0.001		2.0	0.292	<0.05	6/10/2015 8/10/2015
9/12/2015	0.22	<1.0	722	0.002		1.1	0.363	<0.05	18/12/2015 21/01/2016
23/03/2016	0.2	<1.0	621	<0.001		1.2	0.409	<0.05	8/04/2016 11/04/2016
22/06/2016	0.14	<1.0	344	0.001		1.8	0.35		5/07/2016 15/09/2016
21/09/2016	0.2	<1.0	624.5	0.001		2.0	0.335	<0.05	28/09/2016 6/10/2016
7/12/2016	0.24	<1.0	625.2	0.001		2.0	0.287	<0.05	21/12/2016 16/03/2017
8/03/2017	0.35	<1.0	599.8	0.001		3.0	0.545	0.25	23/03/2017 6/04/2017
7/06/2017	0.24	<1.0	730.2	0.001		0.7	0.305	<0.05	14/06/2017 20/07/2017
13/09/2017	0.23	1.2	793.9	<0.001	1.1	2.2	0.31375	<0.05	28/09/2017 12/10/2017
21/12/2017	0.29	1.5	600.1	0.00171	1.6	2.8	0.47098	0.25	5/01/2018 21/06/2018
14/03/2018	0.18	<1.0	541.6	0.00158	0.4	2.3	0.37016	<0.05	12/04/2018 19/04/2018
14/06/2018	0.27	<1.0	838.9	<0.001	0.9	1.1	0.29341	<0.05	26/06/2018 27/06/2018
12/09/2018	0.22	<1.0	865.9	0.0027	0.7	1.2	0.25471	<0.05	25/09/2018 26/09/2018
13/12/2018	0.21	<1.0	891.4	<0.001	0.9	1.2	0.2764	<0.1	21/12/2018 24/12/2018
13/03/2019	0.28	<1.0	815.3	0.00118	1.6	1.6	0.33801	<0.05	26/03/2019 27/03/2019
13/06/2019	0.25	<1.0	841	<0.001	0.9	2.8	0.261	<0.05	25/06/2019 26/06/2019
11/09/2019	0.14	1.2	801	<0.001	1.3	1.9	0.333	<0.05	18/09/2019 19/09/2019

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26/11/2019	0.21	1.5	795	0.001	1.5	1.8	0.270	<0.05	5/12/2019 9/12/2019
11/03/2020	0.1	1.2	264	<0.001	0.2	3.7	0.285	<0.05	24/03/2020 25/03/2020
... Monitoring Point GMB12 continued									
Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN		
Limits	-	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published	
22/03/2012	0.03	<0.02	0.03	0.70	6.6	+92	0.67	10/04/2012 29/06/2012	
21/06/2012	0.02	<0.02	0.02	0.85	6.8	-24	0.83	6/07/2012 9/08/2012	
19/09/2012	<0.02	<0.02	<0.02	1.09	6.9	-59	1.09	3/10/2012 14/10/2012	
12/12/2012	0.02	0.02	0.04	0.99	6.9	-83	0.92	24/12/2012 25/12/2012	
20/03/2013	0.02	<0.02	0.02	1.03	6.9	-91	1.01	4/04/2013 11/04/2013	
20/06/2013	<0.02	<0.02	<0.02	1.01	6.8	-75	1.01	3/07/2013 4/07/2013	
18/09/2013	<0.02	<0.02	0.02	1.26	6.8	-78	1.26	30/09/2013 1/10/2013	
27/11/2013	0.03	<0.02	0.03	1.05	7.0	-75	1.02	9/12/2013 10/12/2013	
12/03/2014	<0.02	0.03	0.04	1.28	7.1	-79	1.24	25/03/2014 26/03/2014	
18/06/2014	<0.02	0.02	0.03	0.94	6.7	-21	0.9200	3/07/2014 10/07/2014	
17/09/2014	<0.02	0.02	0.02	0.75	6.8	+9	0.7300	24/09/2014 2/10/2014	
10/12/2014	0.09	0.02	0.11	0.87	6.8	-48	0.7600	17/12/2014 18/12/2014	
18/03/2015	0.04	0.02	0.06	0.82	6.6	-46	0.7600	25/03/2015 26/03/2015	
18/06/2015	<0.02	0.02	0.02	0.67	6.5	-36	0.6500	2/07/2015 6/07/2015	
23/09/2015	<0.02	0.03	0.03	0.96	6.9	-42	0.9300	6/10/2015 8/10/2015	
9/12/2015	<0.02	0.02	0.02	0.8	6.8	-69	0.7900	18/12/2015 21/01/2016	
23/03/2016	<0.02	0.02	<0.02	0.65	6.6	-29	0.6500	8/04/2016 11/04/2016	
22/06/2016	<0.02	<0.02	<0.02	0.43	6.1	+80	0.4300	5/07/2016 15/09/2016	
21/09/2016	<0.02	0.02	<0.02	0.63	6.4	40	0.6400	28/09/2016 6/10/2016	
7/12/2016	<0.02	0.03	<0.02	0.91	6.7	100	0.9000	21/12/2016 16/03/2017	
8/03/2017	<0.02	0.03	<0.02	0.64	6.6	19	0.6500	23/03/2017 6/04/2017	
7/06/2017	<0.02	0.02	0.03	0.91	6.6	+5	0.9000	14/06/2017 20/07/2017	
13/09/2017	<0.02	0.02	0.02	0.93	6.7	54.8	0.9300	28/09/2017 12/10/2017	
21/12/2017	<0.02	0.03	0.03	0.98	6.6	-20.2	0.9500	5/01/2018 21/06/2018	
14/03/2018	<0.02	<0.02	<0.02	0.6	6.6	80.6	0.6200	12/04/2018 19/04/2018	

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14/06/2018	<0.02	0.02	<0.02	0.93	6.9	-4.7	0.9300	26/06/2018 27/06/2018
12/09/2018	<0.02	0.02	0.02	1.01	7.0	68.7	0.9900	25/09/2018 26/09/2018
13/12/2018	<0.02	0.02	<0.02	1.06	7.0	-29.1	1.0700	21/12/2018 24/12/2018
13/03/2019	<0.02	0.02	<0.02	0.89	6.8	-37.7	0.8700	26/03/2019 27/03/2019
13/06/2019	<0.02	0.02	0.02	0.96	6.9	-26	0.94	25/06/2019 26/06/2019
11/09/2019	<0.02	0.03	0.02	1.08	6.8	90.7	0.94	18/09/2019 19/09/2019
26/11/2019	<0.02	0.03	<0.02	0.95	6.8	-4.3	0.95	5/12/2019 9/12/2019
11/03/2020	<0.02	<0.02	<0.02	0.52	6.2	36.1	0.52	24/03/2020 25/03/2020

Monitoring Point: GMB13 EPA Point: EPA21

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
12/12/2012	0.06	<1.0	552	<0.01		2.0	0.24	<0.05	20/12/2012 24/12/2012
27/11/2013	0.04	<1.0	547	<0.01		1.6	0.19	<0.05	10/12/2013 11/12/2013
10/12/2014	0.07	<1.0	1220	<0.01		2.1	0.20	0.05	18/12/2014 22/12/2014
9/12/2015	<0.02	<1.0	546	0.002		2.6	0.226	<0.05	16/12/2015 15/09/2016
7/12/2016	0.03	<1.0	583.9	0.002		2.2	0.271	<0.05	21/12/2016 16/03/2017
30/11/2017	0.05	<1.0	598.4	0.0014	1.2	2.7	0.22622	<0.05	13/12/2017 14/12/2017
13/12/2018	0.05	<1.0	632.9	<0.001	1.3	2.3	0.2517	<0.1	21/12/2018 24/12/2018
27/11/2019	0.04	<1.0	674	<0.001	2.3	2.4	0.294	<0.05	5/12/2019 9/12/2019

... Monitoring Point GMB13 continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
12/12/2012	0.03	<0.02	0.03	0.09	6.6	+25	0.06	20/12/2012 24/12/2012
27/11/2013	0.04	<0.02	0.04	0.20	6.5	16	0.16	10/12/2013 11/12/2013
10/12/2014	0.05	<0.02	0.05	0.12	6.3	-8	0.0700	18/12/2014 22/12/2014
9/12/2015	<0.02	<0.02	<0.02	<0.05	6.8	+86	<0.05	16/12/2015 15/09/2016
7/12/2016	<0.02	<0.02	<0.02	0.07	6.4	155	0.0700	21/12/2016 16/03/2017
30/11/2017	<0.02	<0.02	<0.02	0.1	6.6	25.7	0.1000	13/12/2017 14/12/2017
13/12/2018	<0.02	<0.02	<0.02	0.06	6.6	94.3	0.0600	21/12/2018 24/12/2018
27/11/2019	<0.02	<0.02	<0.02	0.08	6.5	47.3	0.08	5/12/2019 9/12/2019

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Monitoring Point: GMB2 EPA Point: EPA9									
Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	2000	-	-	-	2	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
12/12/2012	0.06	1.2	645	<0.01		1.6	1.56	<0.05	20/12/2012 24/12/2012
27/11/2013	0.07	<1.0	1133	0.01		1.9	1.08	<0.05	10/12/2013 11/12/2013
10/12/2014	0.06	<1.0	877	0.01		1.9	0.68	<0.05	18/12/2014 22/12/2014
9/12/2015	<0.02	<1.0	2660	0.003		2.6	1.177	<0.05	16/12/2015 15/09/2016
7/12/2016	<0.02	<1.0	556.9	0.013		3.2	0.776	<0.05	21/12/2016 16/03/2017
30/11/2017	<0.02	<1.0	1384.3	0.00698	1.1	4.9	0.93834	<0.05	13/12/2017 14/12/2017
13/12/2018	0.02	1.2	343.4	0.01424	1.3	1.8	1.54301	<0.1	21/12/2018 24/12/2018
27/11/2019	0.03	3.0	758	0.007	2.0	2.9	2.66	<0.05	5/12/2019 9/12/2019
... Monitoring Point GMB2 continued									
Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN		
Limits	-	-	-	-	4.5-9	-	-	Received/	
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published	
12/12/2012	11.21	0.19	11.4	11.7	6.8	+103	0.30	20/12/2012 24/12/2012	
27/11/2013	5.90	0.17	6.07	5.80	6.9	+109	<0.05	10/12/2013 11/12/2013	
10/12/2014	12.05	0.15	12.2	12.8	6.9	+74	0.6000	18/12/2014 22/12/2014	
9/12/2015	0.13	<0.02	0.13	0.36	6.9	+112	0.2300	16/12/2015 15/09/2016	
7/12/2016	3.36	0.07	3.43	4.4	7.0	290	0.9700	21/12/2016 16/03/2017	
30/11/2017	0.10	<0.02	0.1	0.63	6.8	244.6	0.5300	13/12/2017 14/12/2017	
13/12/2018	0.66	<0.02	0.66	1.48	6.9	328	0.8200	21/12/2018 24/12/2018	
27/11/2019	<0.02	<0.02	<0.02	1.28	6.9	-42.4	1.28	5/12/2019 9/12/2019	
Monitoring Point: GMB20 EPA Point: EPA30									
Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	20	-	0.05	-	-	2	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	0.11	4.5	766	0.05		2.0	0.85	<0.05	10/04/2012 29/06/2012
21/06/2012	0.06	3.0	681	0.02		1.4	0.73	<0.05	6/07/2012 9/08/2012
19/09/2012	0.19	4.8	615	0.21		1.6	0.89	<0.05	3/10/2012 14/10/2012
12/12/2012	0.32	7.5	685	0.15		<1.0	0.95	<0.05	24/12/2012 25/12/2012

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20/03/2013	0.06	3.3	536	<0.01		1.7	0.40	<0.05	4/04/2013 11/04/2013
20/06/2013	0.13	3.9	568	0.03		1.1	0.55	<0.05	3/07/2013 4/07/2013
18/09/2013	0.21	4.5	503	0.16		1.5	0.88	<0.05	30/09/2013 1/10/2013
27/11/2013	0.12	4.2	604	0.10		1.5	0.86	<0.05	9/12/2013 10/12/2013
12/03/2014	0.22	9.0	659	0.13		1.5	0.97	<0.05	25/03/2014 26/03/2014
18/06/2014	0.13	3.0	566	0.04		2.1	0.74	<0.05	3/07/2014 10/07/2014
17/09/2014	0.12	2.1	546	0.01		3.9	0.58	<0.05	24/09/2014 25/09/2014
10/12/2014	0.27	5.7	572	0.06		1.3	0.72	<0.05	17/12/2014 18/12/2014
18/03/2015	0.55	6.6	452	0.223		1.0	0.837	<0.05	25/03/2015 26/03/2015
18/06/2015	0.10	7.8	231	0.200		<1.0	0.820	<0.05	2/07/2015 6/07/2015
23/09/2015	0.08	9.3	484	0.300		<0.1	1.03	<0.05	6/10/2015 8/10/2015
9/12/2015	0.12	7.2	534	0.174		2.2	0.845	<0.05	18/12/2015 21/12/2015
23/03/2016	0.02	8.1	500	0.253		1.1	1.036	<0.05	8/04/2016 11/04/2016
22/06/2016	0.12	2.1	449	0.166		4.3	0.751		5/07/2016 15/09/2016
21/09/2016	0.11	9.6	486	0.387		0.8	1.146		28/09/2016 6/10/2016
7/12/2016	0.1	4.2	455.8	0.24		1.1	1.077		21/12/2016 16/03/2017
8/03/2017	0.08	<1.0	387.2	0.014		2.8	0.336		23/03/2017 27/03/2017
7/06/2017	0.12	2.7	463.7	0.037		1.0	0.63		14/06/2017 15/06/2017
13/09/2017	0.14	6.3	492.6	0.1585	1.5	1.0	0.82875		28/09/2017 12/10/2017
30/11/2017	0.1	3.0	518.8	0.00961	0.7	2.1	0.59296		13/12/2017 14/12/2017
14/03/2018	0.11	7.8	500.7	0.27225	0.6	1.7	1.11022		12/04/2018 16/04/2018
14/06/2018	0.09	3.3	519.4	0.04068	1.1	1.2	0.67264		26/06/2018 27/06/2018
12/09/2018	0.08	1.5	491	0.00162	1.0	1.6	0.68529		25/09/2018 26/09/2018
13/12/2018	0.09	3.0	524.4	0.00586	1.1	1.5	0.59561		21/12/2018 24/12/2018
13/03/2019	0.1	1.8	424.9	0.03354	1.9	2.1	0.57677		26/03/2019 27/03/2019
13/06/2019	0.09	7.5	455	0.215	1.3	1.3	0.984		25/06/2019 26/06/2019
11/09/2019	0.06	4.5	442	0.257	1.6	0.9	1.06		18/09/2019 19/09/2019
26/11/2019	0.13	8.1	489	0.274	1.8	0.6	1.09		5/12/2019 9/12/2019
11/03/2020	0.13	2.1	464	0.003	0.5	2.3	0.501		24/03/2020 25/03/2020

... Monitoring Point GMB20 continued

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Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	4.5-9	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
22/03/2012	0.05	<0.02	0.05	1.35	5.9	+71	1.30	10/04/2012 29/06/2012
21/06/2012	0.04	<0.02	0.04	1.10	5.9	+24	1.06	6/07/2012 9/08/2012
19/09/2012	0.16	<0.02	0.16	1.12	6.0	-22	0.96	3/10/2012 14/10/2012
12/12/2012	0.25	<0.02	0.25	1.91	6.0	-34	1.66	24/12/2012 25/12/2012
20/03/2013	0.03	<0.02	0.03	0.86	6.0	-20	0.83	4/04/2013 11/04/2013
20/06/2013	0.06	<0.02	0.06	1.38	5.9	-38	1.32	3/07/2013 4/07/2013
18/09/2013	0.12	0.02	0.14	1.26	5.7	-13	1.12	30/09/2013 1/10/2013
27/11/2013	0.12	<0.02	0.12	1.46	6.0	-20	1.34	9/12/2013 10/12/2013
12/03/2014	0.13	<0.02	0.13	1.57	6.1	-26	1.44	25/03/2014 26/03/2014
18/06/2014	0.16	<0.02	0.16	1.58	6.1	-12	1.4200	3/07/2014 10/07/2014
17/09/2014	0.07	<0.02	0.07	1.00	6.1	-24	0.9300	24/09/2014 25/09/2014
10/12/2014	0.66	0.05	0.71	2.46	6.2	-17	1.7500	17/12/2014 18/12/2014
18/03/2015	0.42	0.04	0.46	1.45	6.1	-23	0.9900	25/03/2015 26/03/2015
18/06/2015	<0.02	0.04	0.04	1.38	6.1	-11	1.3400	2/07/2015 6/07/2015
23/09/2015	<0.02	<0.02	<0.02	1.48	6.2	+6	1.4800	6/10/2015 8/10/2015
9/12/2015	<0.02	<0.02	<0.02	1.9	6.1	-15	1.9000	18/12/2015 21/12/2015
23/03/2016	<0.02	0.03	0.03	1.55	6.1	+14	1.5200	8/04/2016 11/04/2016
22/06/2016	<0.02	0.02	<0.02	2.19	6.2	+28	2.1900	5/07/2016 15/09/2016
21/09/2016	<0.02	0.05	<0.02	1.14	6.0	33	1.1400	28/09/2016 6/10/2016
7/12/2016	<0.02	0.04	<0.02	1.22	6.0	61	1.2200	21/12/2016 16/03/2017
8/03/2017	0.23	<0.02	0.23	0.88	6.2	53.7	0.6500	23/03/2017 27/03/2017
7/06/2017	<0.02	0.04	<0.02	1.16	6.1	-16	1.1600	14/06/2017 15/06/2017
13/09/2017	<0.02	0.02	0.02	1.4	5.6	30.4	1.3800	28/09/2017 12/10/2017
30/11/2017	<0.02	0.04	<0.02	0.78	6.2	-2.5	0.7800	13/12/2017 14/12/2017
14/03/2018	<0.02	0.05	0.03	1.2	6.2	14.5	1.1700	12/04/2018 16/04/2018
14/06/2018	<0.02	0.06	<0.02	1.5	6.1	11.8	1.5000	26/06/2018 27/06/2018
12/09/2018	<0.02	0.02	0.02	0.68	6.2	43	0.6600	25/09/2018 26/09/2018
13/12/2018	<0.02	0.02	<0.02	0.83	6.0	-8.4	0.8300	21/12/2018 24/12/2018

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13/03/2019	<0.02	0.04	<0.02	0.96	6.2	-20.8	0.9600	26/03/2019 27/03/2019
13/06/2019	<0.02	0.02	<0.02	2.00	6.1	-1.3	2.00	25/06/2019 26/06/2019
11/09/2019	<0.02	0.04	0.04	1.36	6.2	44.4	1.32	18/09/2019 19/09/2019
26/11/2019	<0.02	0.09	<0.02	1.53	6.1	-6.9	1.53	5/12/2019 9/12/2019
11/03/2020	<0.02	0.03	0.03	1.01	6.1	-7.8	0.98	24/03/2020 25/03/2020

Monitoring Point: GMB21 EPA Point: EPA31

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	20	-	0.05	-	-	2	-	Received/ Published
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	
22/03/2012	1.74	9.3	1471	0.05		1.6	1.48	<0.05	10/04/2012 29/06/2012
21/06/2012	1.95	9.9	1491	0.01		1.4	1.66	<0.05	6/07/2012 9/08/2012
19/09/2012	1.67	7.8	1398	0.01		3.0	1.41	<0.05	3/10/2012 14/10/2012
12/12/2012	1.40	7.5	1424	<0.01		1.8	0.98	<0.05	24/12/2012 25/12/2012
20/03/2013	6.69	14	1510	<0.01		1.4	1.10	<0.05	4/04/2013 11/04/2013
20/06/2013	8.55	10	1395	0.02		1.9	1.86	<0.05	3/07/2013 4/07/2013
18/09/2013	6.19	10	1457	0.01		2.0	1.92	<0.05	30/09/2013 1/10/2013
27/11/2013	3.46	7.0	1539	0.01		1.3	1.28	<0.05	9/12/2013 10/12/2013
12/03/2014	1.58	3.9	1304	0.01		3.6	0.78	<0.05	25/03/2014 26/03/2014
18/06/2014	1.51	3.3	1294	0.01		3.1	0.96	<0.05	3/07/2014 10/07/2014
17/09/2014	1.31	5.1	1250	<0.01		1.2	0.77	<0.05	24/09/2014 25/09/2014
10/12/2014	1.37	4.2	1220	<0.01		2.1	0.62	<0.05	17/12/2014 18/12/2014
18/03/2015	1.41	3.9	1126	0.014		1.8	0.628	<0.05	25/03/2015 26/03/2015
18/06/2015	1.76	8.4	1321	0.008		1.7	1.11	<0.05	2/07/2015 6/07/2015
23/09/2015	0.73	5.7	999	0.025		1.0	0.657	<0.05	6/10/2015 8/10/2015
9/12/2015	0.46	2.1	944	0.018		2.0	0.478	<0.05	18/12/2015 21/12/2015
23/03/2016	0.77	4.5	1267	0.011		2.8	0.694	<0.05	8/04/2016 11/04/2016
22/06/2016	2.08	6.6	1234	0.01		1.4	0.924		5/07/2016 15/09/2016
21/09/2016	1	5.4	1204.3	0.006		1.8	0.733		28/09/2016 6/10/2016
7/12/2016	0.6	2.1	1060.3	0.007		1.8	0.504		21/12/2016 16/03/2017
8/03/2017	0.39	2.4	946.6	0.009		1.6	0.383		23/03/2017 27/03/2017

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7/06/2017	1.19	5.1	1159.8	0.008		0.5	0.667		14/06/2017 15/06/2017
13/09/2017	2.3	9.0	1224.7	0.00509	2.0	1.8	0.99777		28/09/2017 12/10/2017
30/11/2017	2.31	8.1	1202.4	0.0058	1.2	2.0	0.83482		13/12/2017 14/12/2017
14/03/2018	3	8.1	1258.5	0.00314	1.1	2.1	1.01233		12/04/2018 16/04/2018
14/06/2018	1.65	4.2	1202.2	0.00571	1.6	1.6	0.81517		26/06/2018 27/06/2018
12/09/2018	0.84	3.0	1075.5	0.01186	1.5	1.1	0.61212		25/09/2018 26/09/2018
13/03/2019	2.12	6.9	1093.3	0.04148	2.4	2.5	1.03222		26/03/2019 27/03/2019
13/06/2019	1.53	3.6	981	0.026	1.7	3.1	0.729		25/06/2019 26/06/2019
11/09/2019	4.20	8.1	1171	0.014	2.0	2.5	1.23		18/09/2019 19/09/2019
26/11/2019	7.38	12	1352	0.012	2.3	2.1	1.26		5/12/2019 9/12/2019
11/03/2020	5.87	13	1412	0.011	0.9	1.6	1.32		24/03/2020 25/03/2020

... Monitoring Point GMB21 continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	4.5-9	-	-	Received/ Published
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	
22/03/2012	0.11	<0.02	0.11	3.26	5.9	+193	3.15	10/04/2012 29/06/2012
21/06/2012	0.08	<0.02	0.08	4.41	5.9	+1	4.33	6/07/2012 9/08/2012
19/09/2012	0.10	<0.02	0.10	3.57	6.0	-26	3.47	3/10/2012 14/10/2012
12/12/2012	0.08	<0.02	0.08	2.67	6.2	+55	2.59	24/12/2012 25/12/2012
20/03/2013	0.28	<0.02	0.28	13.9	6.1	-52	13.62	4/04/2013 11/04/2013
20/06/2013	0.03	0.04	0.07	11.0	6.0	-56	10.93	3/07/2013 4/07/2013
18/09/2013	0.08	0.02	0.10	9.08	6.1	-48	8.98	30/09/2013 1/10/2013
27/11/2013	0.14	<0.02	0.14	5.39	6.2	-67	5.25	9/12/2013 10/12/2013
12/03/2014	0.13	<0.02	0.13	3.10	6.3	-61	2.97	25/03/2014 26/03/2014
18/06/2014	0.08	<0.02	0.08	2.90	6.2	-47	2.8200	3/07/2014 10/07/2014
17/09/2014	0.09	<0.02	0.09	2.76	6.3	-56	2.6700	24/09/2014 25/09/2014
10/12/2014	0.07	<0.02	0.07	2.22	6.3	-54	2.1500	17/12/2014 18/12/2014
18/03/2015	0.12	0.10	0.22	2.23	6.3	-52	2.0100	25/03/2015 26/03/2015
18/06/2015	<0.02	0.17	0.17	4.04	6.0	-19	3.8700	2/07/2015 6/07/2015
23/09/2015	<0.02	0.02	0.02	1.94	6.4	-32	1.9200	6/10/2015 8/10/2015
9/12/2015	0.09	<0.02	0.09	1.45	6.5	-38	1.3600	18/12/2015 21/12/2015

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23/03/2016	<0.02	0.1	0.07	2.15	6.2	-41	2.0800	8/04/2016 11/04/2016
22/06/2016	<0.02	0.14	0.02	3.24	6.1	-3	3.2200	5/07/2016 15/09/2016
21/09/2016	<0.02	0.08	<0.02	2.62	6.0	15	2.6200	28/09/2016 6/10/2016
7/12/2016	<0.02	0.08	0.02	1.38	6.3	20	1.3600	21/12/2016 16/03/2017
8/03/2017	<0.02	0.07	0.02	1.01	6.4	-42.6	0.9900	23/03/2017 27/03/2017
7/06/2017	<0.02	0.08	0.03	2.39	6.2	-40	2.3600	14/06/2017 15/06/2017
13/09/2017	<0.02	0.06	0.06	4.06	5.9	8	4.0000	28/09/2017 12/10/2017
30/11/2017	<0.02	0.15	0.06	3.34	6.2	-19.3	3.2800	13/12/2017 14/12/2017
14/03/2018	<0.02	0.17	0.02	5.46	6.1	-7.6	5.4400	12/04/2018 16/04/2018
14/06/2018	<0.02	0.32	<0.02	3.04	6.2	-22.6	3.0400	26/06/2018 27/06/2018
12/09/2018	<0.02	0.09	0.09	1.8	6.4	-21.5	1.7100	25/09/2018 26/09/2018
13/03/2019	<0.02	0.26	0.05	4.27	6.2	-28.6	4.2200	26/03/2019 27/03/2019
13/06/2019	0.05	<0.02	0.05	3.36	6.2	-18.7	3.31	25/06/2019 26/06/2019
11/09/2019	<0.02	0.14	0.14	8.37	6.1	31	8.23	18/09/2019 19/09/2019
26/11/2019	<0.02	0.30	0.05	11.5	6.1	-8.6	11.4	5/12/2019 9/12/2019
11/03/2020	<0.02	0.24	0.08	10.1	6.1	-35	10.0	24/03/2020 25/03/2020

Monitoring Point: GMB29 EPA Point: EPA29

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	40.6	17	1018	0.06		2.4	8.89	<0.05	10/04/2012 29/06/2012
21/06/2012	57.2	17	1356	0.02		1.6	12	<0.05	6/07/2012 9/08/2012
19/09/2012	101	13	2090	0.01		1.0	16	<0.05	3/10/2012 14/10/2012
12/12/2012	151	5.4	3320	0.07		2.1	21.6	<0.05	24/12/2012 25/12/2012
20/03/2013	26.0	9.6	862	0.02		2.5	6.44	<0.05	4/04/2013 11/04/2013
20/06/2013	122	5.4	2540	0.11		2.6	0.13	<0.05	3/07/2013 4/07/2013
18/09/2013	56.2	3.6	1453	0.01		2.1	1.86	<0.05	30/09/2013 1/10/2013
27/11/2013	166.1	3.3	3639	0.14		2.1	13	<0.05	9/12/2013 10/12/2013
12/03/2014	150	4.5	3319	0.20		3.2	11	<0.05	25/03/2014 26/03/2014
18/06/2014	178	3.9	3400	0.25		2.2	11	<0.05	3/07/2014 10/07/2014

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17/09/2014	162	3.9	3320	0.25		2.3	8.90	<0.05	24/09/2014 25/09/2014
10/12/2014	168	3.6	3340	0.06		2.8	7.61	<0.05	17/12/2014 18/12/2014
18/03/2015	56.2	2.1	1251	0.034		1.9	5.591	<0.05	25/03/2015 26/03/2015
18/06/2015	125	3.0	2340	0.076		2.7	9.15	<0.05	2/07/2015 6/07/2015
23/09/2015	50.5	5.1	1580	0.035		4.1	6.00	<0.05	6/10/2015 8/10/2015
9/12/2015	62.49	2.7	1463	0.016		2.3	5.385	<0.05	18/12/2015 21/12/2015
23/03/2016	144.87	8.7	2720	0.026		2.6	5.393	<0.05	8/04/2016 11/04/2016
22/06/2016	85.96	4.8	1704	0.012		2.9	3.669		5/07/2016 15/09/2016
21/09/2016	85.93	2.1	1753.5	0.015		2.8	4.194		28/09/2016 6/10/2016
7/12/2016	90.64	70	1804.6	0.015		2.1	3.954		21/12/2016 16/03/2017
8/03/2017	167.33	2.4	2936.1	0.01		2.5	5.331		23/03/2017 27/03/2017
11/04/2017			1540						20/04/2017 4/05/2017
7/06/2017	79.08	1.8	1551.9	0.008		1.4	2.92		14/06/2017 15/06/2017
13/09/2017	80.19	2.4	1598.2	0.0086	13.7	2.3	3.29843		28/09/2017 12/10/2017
5/10/2017	85.65	3.3	1722.7	0.01002	14.1	2.9	3.6608		19/10/2017 21/06/2018
30/11/2017	178.94	3.9	2763.7	0.00332	14.0	2.9	5.27935		13/12/2017 21/06/2018
14/03/2018	168.91	4.5	2870.6	0.00404	13.1	2.8	5.39784		12/04/2018 16/04/2018
8/05/2018	162.54	14.1	2884.2	0.00329	12.5	2.7	7.09976		15/05/2018 21/06/2018
14/06/2018	163.12	77	2844.6	0.00346	13.2	2.9	7.16322		26/06/2018 27/06/2018
5/07/2018		11.4	3074.4				7.85826		17/07/2018 18/07/2018
12/09/2018	199.38	17.1	3142.3	0.00247	14.4	2.9	7.25255		25/09/2018 26/09/2018
13/12/2018	188.25	5.1	2955.5	0.00377	14.0	3.0	6.94798		21/12/2018 24/12/2018
13/03/2019	160	14	2885.8	0.00838	14.6	2.9	6.95614		26/03/2019 27/03/2019
13/06/2019	170	3.3	2963	0.005	13	2.1	6.78		25/06/2019 26/06/2019
11/09/2019	169	8.7	2950	0.015	14	3.8	6.42		18/09/2019 19/09/2019
26/11/2019	186	15	3034	0.009	15	3.1	6.96		5/12/2019 9/12/2019
11/03/2020	48.1	16	1130	0.006	9.9	2.7	3.22		24/03/2020 25/03/2020

... Monitoring Point GMB29 continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published

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22/03/2012	0.16	0.03	0.19	41.8	6.2	+3	41.61	10/04/2012 29/06/2012
21/06/2012	0.53	<0.02	0.53	57.73	6.3	-185	57.20	6/07/2012 9/08/2012
19/09/2012	0.06	<0.02	0.06	101.06	6.3	-90	101.00	3/10/2012 14/10/2012
12/12/2012	0.50	0.03	0.53	151.53	6.4	-52	151.00	24/12/2012 25/12/2012
20/03/2013	1.20	0.03	1.23	29.6	6.0	+151	28.37	4/04/2013 11/04/2013
20/06/2013	0.25	<0.02	0.25	128	6.5	-26	127.75	3/07/2013 4/07/2013
18/09/2013	4.82	<0.02	4.82	62.57	6.3	+83	57.75	30/09/2013 1/10/2013
27/11/2013	0.48	<0.02	0.48	166.58	6.5	-23	166.10	9/12/2013 10/12/2013
12/03/2014	<0.02	0.03	0.03	156	6.7	-7	155.97	25/03/2014 26/03/2014
18/06/2014	0.73	<0.02	0.73	179	6.6	-3	178.2700	3/07/2014 10/07/2014
17/09/2014	0.64	0.02	0.66	177	6.6	-3	176.3400	24/09/2014 25/09/2014
10/12/2014	1.05	<0.02	1.05	17.4	6.6	-18	16.3500	17/12/2014 18/12/2014
18/03/2015	3.70	0.03	3.73	59.9	6.4	+133	56.1700	25/03/2015 26/03/2015
18/06/2015	0.64	<0.02	0.64	126	6.6	+24	125.3600	2/07/2015 6/07/2015
23/09/2015	2.06	0.03	2.09	72.0	6.5	+23	69.9100	6/10/2015 8/10/2015
9/12/2015	1.22	<0.02	1.22	63.7	6.5	+18	62.4800	18/12/2015 21/12/2015
23/03/2016	0.61	<0.02	0.61	153.42	6.7	-25	152.8100	8/04/2016 11/04/2016
22/06/2016	1.21	<0.02	1.21	90.41	6.6	+81	89.2000	5/07/2016 15/09/2016
21/09/2016	0.55	<0.02	0.55	93.82	6.5	42	93.2700	28/09/2016 6/10/2016
7/12/2016	1.44	<0.02	1.44	86.15	6.6	180	84.7100	21/12/2016 16/03/2017
8/03/2017	0.85	<0.02	0.85	165.51	6.7	8.2	164.6600	23/03/2017 27/03/2017
11/04/2017				78.23				20/04/2017 4/05/2017
7/06/2017	1.31	<0.02	1.31	80.39	6.5	+84	79.0800	14/06/2017 15/06/2017
13/09/2017	0.60	<0.02	0.6	82.45	6.6	52.7	81.8500	28/09/2017 12/10/2017
5/10/2017	1.59	0.21	1.8	88.59	6.6	51.1	86.7900	19/10/2017 21/06/2018
30/11/2017	0.46	0.02	0.48	146.63	6.8	-43.9	178.4600	13/12/2017 21/06/2018
14/03/2018	1.06	0.02	1.08	171.26	6.8	-27.2	170.1800	12/04/2018 16/04/2018
8/05/2018	1.10	0.02	1.12	163.66	6.7	25.7	162.5400	15/05/2018 21/06/2018
14/06/2018	1.33	0.67	2	165	6.8	83.5	163.0000	26/06/2018 27/06/2018
5/07/2018				183.02				17/07/2018 18/07/2018

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1/03/2012 to 25/03/2020



12/09/2018	1.05	0.03	1.08	200.46	6.8	2.6	199.3800	25/09/2018 26/09/2018
13/12/2018	2.89	0.03	2.92	191.17	6.8	-19.4	188.2500	21/12/2018 24/12/2018
13/03/2019	3.56	0.02	3.58	163.71	6.8	-24.2	160.1300	26/03/2019 27/03/2019
13/06/2019	2.12	0.1	2.22	173	6.6	-50.2	170	25/06/2019 26/06/2019
11/09/2019	6.42	0.02	6.44	176	6.8	77.6	169	18/09/2019 19/09/2019
26/11/2019	3.51	0.04	3.55	190	6.8	-7.4	186	5/12/2019 9/12/2019
11/03/2020	0.13	0.04	0.17	54.9	6.3	32.9	54.7	24/03/2020 25/03/2020

Monitoring Point: GMB3 EPA Point: EPA10

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	2000	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	0.05	<1.0	508	0.03		2.5	0.10	<0.05	10/04/2012 29/06/2012
21/06/2012	<0.02	<1.0	500	0.03		2.5	0.22	<0.05	6/07/2012 9/08/2012
19/09/2012	0.04	<1.0	507	0.02		3.2	0.27	<0.05	3/10/2012 14/10/2012
12/12/2012	0.03	<1.0	480	0.01		2.7	0.24	<0.05	24/12/2012 25/12/2012
20/03/2013	0.04	<1.0	515	0.02		3.0	0.10	<0.05	4/04/2013 11/04/2013
20/06/2013	0.03	<1.0	518	0.02		2.4	0.16	<0.05	3/07/2013 4/07/2013
18/09/2013	0.03	<1.0	473	0.02		3.1	0.26	<0.05	30/09/2013 1/10/2013
27/11/2013	0.04	<1.0	467	0.01		2.6	0.16	<0.05	9/12/2013 10/12/2013
12/03/2014	0.05	<1.0	468	<0.01		3.1	0.10	<0.05	25/03/2014 26/03/2014
18/06/2014	0.04	<1.0	494	<0.01		3.8	0.07	<0.05	3/07/2014 10/07/2014
17/09/2014	0.04	<1.0	455	0.01		3.2	0.31	<0.05	24/09/2014 25/09/2014
10/12/2014	0.07	<1.0	468	0.01		2.7	0.22	<0.05	17/12/2014 18/12/2014
18/03/2015	0.06	<1.0	461	0.002		3.1	0.050	<0.05	25/03/2015 26/03/2015
18/06/2015	<0.02	<1.0	503	0.001		2.7	0.069	<0.05	2/07/2015 6/07/2015
23/09/2015	0.04	1.4	470	0.019		3.6	0.318	<0.05	6/10/2015 8/10/2015
9/12/2015	<0.02	<1.0	461	0.006		3.0	0.154	<0.05	18/12/2015 21/12/2015
23/03/2016	<0.02	<1.0	474	0.001		3.0	0.087	<0.05	8/04/2016 11/04/2016
22/06/2016	<0.02	<1.0	485	0.001		2.5	0.063		5/07/2016 15/09/2016
21/09/2016	0.03	1.8	492.9	0.023		3.2	0.408	<0.05	28/09/2016 6/10/2016

Landfill Site Monitoring

1/03/2012 to 25/03/2020

7/12/2016	<0.02	<1.0	485.7	0.047		2.6	0.426	<0.05	21/12/2016 16/03/2017
8/03/2017	0.02	<1.0	495.3	0.044		3.0	0.322	<0.05	23/03/2017 27/03/2017
7/06/2017	<0.02	<1.0	434.2	0.003		2.6	0.154	<0.05	14/06/2017 15/06/2017
13/09/2017	0.07	1.5	473.9	0.01895	1.8	2.9	0.15971	<0.05	28/09/2017 12/10/2017
30/11/2017	0.03	<1.0	490.1	0.01379	1.3	3.4	0.21635	<0.05	13/12/2017 14/12/2017
14/06/2018	<0.02	1.5	518.5	<0.001	1.4	3.0	0.06291	<0.05	26/06/2018 27/06/2018
12/09/2018	<0.02	<1.0	526.1	0.00569	1.5	3.0	0.17888	<0.05	25/09/2018 26/09/2018
13/12/2018	0.12	3.9	543.4	0.00384	1.5	2.5	0.47397	<0.1	21/12/2018 24/12/2018
2/04/2019	0.03	<1.0	318.7	0.00622		6.1	0.02326		11/04/2019 13/05/2019
13/06/2019	<0.02	<1.0	554	0.008	1.3	3.2	0.147	<0.05	25/06/2019 26/06/2019
11/09/2019	<0.02	<1.0	556	0.004	1.8	3.4	0.310	<0.05	18/09/2019 19/09/2019
26/11/2019	<0.02	<1.0	586	0.004	2.4	3.1	0.274	<0.05	5/12/2019 9/12/2019
11/03/2020	0.02	<1.0	489	0.007	0.9	3.4	0.162	<0.05	24/03/2020 25/03/2020

... Monitoring Point GMB3 continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
22/03/2012	0.05	<0.02	0.05	0.16	6.4	+166	0.11	10/04/2012 29/06/2012
21/06/2012	0.02	<0.02	0.02	0.17	6.3	+234	0.15	6/07/2012 9/08/2012
19/09/2012	<0.02	0.04	0.05	0.12	6.4	+174	0.07	3/10/2012 14/10/2012
12/12/2012	0.04	<0.02	0.04	0.25	6.3	+106	0.21	24/12/2012 25/12/2012
20/03/2013	0.03	<0.02	0.03	0.18	6.4	+115	0.08	4/04/2013 11/04/2013
20/06/2013	<0.02	<0.02	0.04	0.25	6.5	+111	0.21	3/07/2013 4/07/2013
18/09/2013	0.04	<0.02	0.04	0.21	6.5	+129	0.17	30/09/2013 1/10/2013
27/11/2013	0.05	<0.02	0.05	0.15	6.6	+101	0.10	9/12/2013 10/12/2013
12/03/2014	0.09	<0.02	0.09	0.26	7.4	+43	0.17	25/03/2014 26/03/2014
18/06/2014	0.04	<0.02	0.04	0.08	6.4	+141	<0.05	3/07/2014 10/07/2014
17/09/2014	0.03	0.02	0.05	0.11	6.7	+109	0.0600	24/09/2014 25/09/2014
10/12/2014	0.06	<0.02	0.06	0.14	6.4	+97	0.0800	17/12/2014 18/12/2014
18/03/2015	0.11	<0.02	0.11	0.17	6.4	+145	0.0600	25/03/2015 26/03/2015
18/06/2015	0.02	<0.02	0.02	0.05	6.3	+134	<0.05	2/07/2015 6/07/2015

Landfill Site Monitoring

1/03/2012 to 25/03/2020



23/09/2015	0.04	<0.02	0.04	0.29	6.5	+85	0.2500	6/10/2015 8/10/2015
9/12/2015	<0.02	<0.02	<0.02	0.2	6.5	+124	0.2000	18/12/2015 21/12/2015
23/03/2016	0.07	<0.02	0.07	0.11	6.5	+98	<0.05	8/04/2016 11/04/2016
22/06/2016	0.05	<0.02	0.05	0.06	6.4	+108	<0.05	5/07/2016 15/09/2016
21/09/2016	0.05	<0.02	0.05	0.39	6.3	268	0.3400	28/09/2016 6/10/2016
7/12/2016	<0.02	<0.02	<0.02	0.23	6.3	332	0.2300	21/12/2016 16/03/2017
8/03/2017	0.03	<0.02	0.03	0.25	6.3	385.9	0.2200	23/03/2017 27/03/2017
7/06/2017	0.02	<0.02	0.02	0.1	6.1	+365	0.0800	14/06/2017 15/06/2017
13/09/2017	0.03	<0.02	0.03	0.25	6.3	367.6	0.2200	28/09/2017 12/10/2017
30/11/2017	0.05	<0.02	0.05	0.17	6.4	151.1	0.1200	13/12/2017 14/12/2017
14/06/2018	0.03	<0.02	0.03	0.22	6.3	377.9	0.1900	26/06/2018 27/06/2018
12/09/2018	<0.02	<0.02	<0.02	0.15	6.4	380.9	0.1500	25/09/2018 26/09/2018
13/12/2018	0.03	<0.02	0.03	0.49	6.3	160.6	0.4600	21/12/2018 24/12/2018
2/04/2019	3.37	<0.02	3.37	3.73	6.3	196	0.3600	11/04/2019 13/05/2019
13/06/2019	0.02	<0.02	0.02	0.16	6.3	282.6	0.14	25/06/2019 26/06/2019
11/09/2019	<0.02	<0.02	<0.02	0.16	6.4	324.8	0.16	18/09/2019 19/09/2019
26/11/2019	<0.02	<0.02	<0.02	0.11	6.3	243.4	0.11	5/12/2019 9/12/2019
11/03/2020	0.71	<0.02	0.71	0.93	6.3	191.1	0.22	24/03/2020 25/03/2020

Monitoring Point: GMB4 EPA Point: EPA11

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	DO (Membrane Electrode)	Manganese Total	Methane	Nitrate	
Limits	-	-	2000	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(mg/L)	(mg/L)	(% (v/v))	(N mg/L)	Published
12/12/2012	0.11	<1.0	1671	0.13	1.3	1.39	<0.05	0.14	20/12/2012 24/12/2012
27/11/2013	0.07	1.2	1656	0.07	1.3	1.06	<0.05	0.14	10/12/2013 11/12/2013
10/12/2014	0.13	3.9	2080	0.08	2.5	1.56	<0.05	7.53	18/12/2014 22/12/2014
9/12/2015	<0.02	<1.0	1587	0.103	1.5	0.911	<0.05	<0.02	16/12/2015 15/09/2016

Landfill Site Monitoring

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... Monitoring Point GMB4 continued

Pollutant	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	5	-	-	-	Received/
Date	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
12/12/2012	<0.02	0.14	0.72	5.4	+142	0.58	20/12/2012 24/12/2012
27/11/2013	<0.02	0.14	0.75	5.4	+118	0.61	10/12/2013 11/12/2013
10/12/2014	0.04	7.57	8.56	5.4	+124	0.9900	18/12/2014 22/12/2014
9/12/2015	<0.02	<0.02	0.59	5.4	+154	0.5900	16/12/2015 15/09/2016

Monitoring Point: GMB5A EPA Point: EPA12

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	2000	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	2.84	5.7	420	0.02		1.2	0.95	<0.05	10/04/2012 29/06/2012
21/06/2012	2.72	3.6	376	0.01		1.5	0.90	<0.05	6/07/2012 9/08/2012
19/09/2012	2.93	2.7	352	<0.01		2.0	0.88	<0.05	3/10/2012 14/10/2012
12/12/2012	2.98	5.1	502	<0.01		1.0	1.25	<0.05	24/12/2012 25/12/2012
20/03/2013	2.85	6.6	528	<0.01		1.8	1.16	<0.05	4/04/2013 11/04/2013
20/06/2013	3.22	3.3	437	<0.01		1.4	0.96	<0.05	3/07/2013 4/07/2013
18/09/2013	3.02	4.2	420	<0.01		2.5	1.15	<0.05	30/09/2013 1/10/2013
27/11/2013	3.04	4.8	424	<0.01		2.3	1.38	<0.05	9/12/2013 10/12/2013
12/03/2014	2.86	4.8	453	<0.01		2.6	1.50	<0.05	25/03/2014 26/03/2014
18/06/2014	3.06	4.5	518	<0.01		2.5	1.67	<0.05	3/07/2014 10/07/2014
17/09/2014	2.67	6.3	494	<0.01		1.8	<0.01	<0.05	24/09/2014 25/09/2014
10/12/2014	2.83	5.1	584	<0.01		1.4	1.80	<0.05	17/12/2014 18/12/2014
18/03/2015	3.80	10	515	0.002		<1.0	1.998	<0.05	25/03/2015 2/04/2015
18/06/2015	3.28	6.0	451	<0.001		1.5	1.35	<0.05	2/07/2015 6/07/2015
23/09/2015	<0.02	6.9	438	0.002		2.4	1.35	<0.05	6/10/2015 8/10/2015
9/12/2015	3.11	6.6	453	0.002		1.0	1.509	<0.05	18/12/2015 21/12/2015
23/03/2016	2.9	6.3	472	<0.001		2.3	1.873	<0.05	8/04/2016 11/04/2016
22/06/2016	3.34	5.4	447	0.001		1.8	1.705		5/07/2016 15/09/2016
21/09/2016	3.04	6.0	453.4	0.001		1.7	1.764	<0.05	28/09/2016 6/10/2016
7/12/2016	3.38	4.8	514.8	0.001		1.8	1.692	<0.05	21/12/2016 16/03/2017

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8/03/2017	3.49	6.0	506.5	0.003		1.55	1.561	<0.05	23/03/2017 27/03/2017
7/06/2017	3.75	5.4	461.7	0.005		0.6	1.58	<0.05	14/06/2017 15/06/2017
13/09/2017	4.14	8.1	484.9	0.00454	1.8	1.8	1.86631	<0.05	28/09/2017 12/10/2017
30/11/2017	3.41	5.1	424.9	0.00104	1.0	1.6	1.54291	<0.05	13/12/2017 14/12/2017
14/03/2018	3.86	6.0	475	<0.001	1.9	0.9	1.78063	<0.05	12/04/2018 16/04/2018
14/06/2018	3.5	4.8	423	<0.001	1.4	2.3	1.39249	<0.05	26/06/2018 27/06/2018
12/09/2018	3.87	6.3	503.7	<0.001	1.3	1.8	1.91634	<0.05	25/09/2018 26/09/2018
13/12/2018	3.15	3.9	408.9	0.00139	1.5	1.7	1.62012	<0.1	21/12/2018 24/12/2018
13/03/2019	3.27	3.3	507	<0.001	2.2	2.3	1.62955	<0.05	26/03/2019 27/03/2019
13/06/2019	3.57	3.9	411	0.001	1.6	1.1	1.51	<0.05	25/06/2019 26/06/2019
11/09/2019	3.44	4.5	472	<0.001	1.8	1.8	2.08	<0.05	18/09/2019 19/09/2019
26/11/2019	2.89	4.8	577	<0.001	2.1	1.8	1.73	<0.05	5/12/2019 9/12/2019
11/03/2020	3.68	4.5	421	<0.001	0.7	2.3	2.07	<0.05	24/03/2020 25/03/2020

... Monitoring Point GMB5A continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
22/03/2012	0.04	<0.02	0.04	3.69	6.0	+74	3.65	10/04/2012 29/06/2012
21/06/2012	0.02	<0.02	0.02	3.58	6.0	+6	3.56	6/07/2012 9/08/2012
19/09/2012	0.06	<0.02	0.06	3.31	6.0	-27	3.25	3/10/2012 14/10/2012
12/12/2012	0.10	<0.02	0.10	3.66	6.1	-49	3.56	24/12/2012 25/12/2012
20/03/2013	0.04	<0.02	0.04	3.98	6.0	-31	3.94	4/04/2013 11/04/2013
20/06/2013	<0.02	0.03	0.03	4.09	6.1	-64	4.06	3/07/2013 4/07/2013
18/09/2013	<0.02	0.04	0.02	3.93	6.0	-29	3.91	30/09/2013 1/10/2013
27/11/2013	0.08	<0.02	0.08	3.70	6.1	-30	3.62	9/12/2013 10/12/2013
12/03/2014	0.03	<0.02	0.03	3.87	6.2	-9	3.84	25/03/2014 26/03/2014
18/06/2014	0.05	<0.02	0.05	4.14	6.1	-37	4.0900	3/07/2014 10/07/2014
17/09/2014	<0.02	0.08	0.08	3.87	6.1	-15	3.7900	24/09/2014 25/09/2014
10/12/2014	<0.02	0.13	0.13	4.03	6.2	-45	3.9000	17/12/2014 18/12/2014
18/03/2015	<0.02	0.13	0.04	5.61	6.0	-22	5.5600	25/03/2015 2/04/2015
18/06/2015	<0.02	0.09	0.09	4.73	6.0	-5	4.6400	2/07/2015 6/07/2015

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23/09/2015	3.38	<0.02	3.38	4.19	6.1	-2	0.8100	6/10/2015 8/10/2015
9/12/2015	<0.02	<0.02	<0.02	4.23	6.1	-14	4.2300	18/12/2015 21/12/2015
23/03/2016	<0.02	0.11	<0.02	3.96	6.2	+6	3.9600	8/04/2016 11/04/2016
22/06/2016	<0.02	0.11	0.02	4.12	6.2	+9	4.1000	5/07/2016 15/09/2016
21/09/2016	<0.02	0.02	<0.02	4.51	6.0	20	4.5100	28/09/2016 6/10/2016
7/12/2016	<0.02	0.04	0.02	4.09	6.2	32	4.0700	21/12/2016 16/03/2017
8/03/2017	<0.02	0.03	<0.02	4.11	6.16	-28.5	4.1100	23/03/2017 27/03/2017
7/06/2017	<0.02	0.02	0.02	4.4	6.1	-22	4.3800	14/06/2017 15/06/2017
13/09/2017	<0.02	0.02	0.02	5.12	5.8	15	5.1000	28/09/2017 12/10/2017
30/11/2017	<0.02	0.03	<0.02	3.77	6.2	-29.4	3.7700	13/12/2017 14/12/2017
14/03/2018	<0.02	0.03	0.03	4.89	6.2	-11.9	4.8600	12/04/2018 16/04/2018
14/06/2018	<0.02	0.07	0.02	3.97	6.3	-9.6	3.9500	26/06/2018 27/06/2018
12/09/2018	<0.02	0.04	0.04	4.66	6.3	-16.7	4.6200	25/09/2018 26/09/2018
13/12/2018	<0.02	<0.02	<0.02	3.78	6.2	-21.1	3.7800	21/12/2018 24/12/2018
13/03/2019	<0.02	0.13	<0.02	4.16	6.3	-48.3	4.1600	26/03/2019 27/03/2019
13/06/2019	<0.02	<0.02	<0.02	3.93	6.2	-44.2	3.93	25/06/2019 26/06/2019
11/09/2019	<0.02	0.04	0.04	4.21	6.2	11.8	4.17	18/09/2019 19/09/2019
26/11/2019	<0.02	0.20	<0.02	3.54	6.4	-31.9	3.54	5/12/2019 9/12/2019
11/03/2020	<0.02	0.04	<0.02	4.36	6.2	-21.9	4.36	24/03/2020 25/03/2020

Monitoring Point: GMB6 EPA Point: EPA26

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	63.4	9.3	1837	0.03		1.8	0.52	<0.05	10/04/2012 29/06/2012
21/06/2012	83.40	6.9	2140	0.02		1.4	0.44	<0.05	6/07/2012 9/08/2012
19/09/2012	88.5	8.4	2380	<0.01		2.4	0.46	<0.05	3/10/2012 14/10/2012
12/12/2012	82.4	14	2300	<0.01		1.6	0.50	<0.05	24/12/2012 25/12/2012
20/03/2013	80.4	14	2110	0.01		1.2	0.40	<0.05	4/04/2013 11/04/2013
20/06/2013	82.8	14	2130	0.01		1.2	0.50	<0.05	3/07/2013 4/07/2013
18/09/2013	93.3	15	2514	0.01		1.7	0.53	<0.05	30/09/2013 1/10/2013

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27/11/2013	95.9	17	2545	0.01		1.3	0.63	<0.05	9/12/2013 10/12/2013
12/03/2014	94.8	19	2557	<0.01		1.0	0.57	<0.05	25/03/2014 26/03/2014
18/06/2014	82.5	6.0	2200	<0.01		2.2	0.49	<0.05	3/07/2014 10/07/2014
17/09/2014	80.0	6.0	2090	<0.01		0.6	0.40	<0.05	24/09/2014 25/09/2014
10/12/2014	78.5	4.8	2070	<0.01		2.2	0.39	<0.05	17/12/2014 18/12/2014
18/03/2015	74.6	5.7	2110	0.006		1.6	0.455	<0.05	25/03/2015 26/03/2015
18/06/2015	78.4	4.8	2430	0.004		1.7	0.567	<0.05	2/07/2015 9/07/2015
23/09/2015	59.7	5.7	2330	0.005		1.7	0.491	<0.05	6/10/2015 15/10/2015
9/12/2015	53.19	4.5	1793	0.008		2.3	0.717	<0.05	18/12/2015 21/12/2015
23/03/2016	85.41	7.2	2390	0.006		2.1	0.55	<0.05	8/04/2016 14/04/2016
22/06/2016	74.66	8.1	2410	0.003		1.4	0.547		5/07/2016 15/09/2016
21/09/2016	68.21	4.8	2307.3	0.005		1.7	0.568		28/09/2016 6/10/2016
7/12/2016	79.79	3.6	2455.3	0.003		1.9	0.5		21/12/2016 16/03/2017
8/03/2017	91.25	7.2	2707.9	0.003		1.2	0.488		23/03/2017 27/03/2017
11/04/2017			2290.9						20/04/2017 4/05/2017
7/06/2017	81.77	8.7	2503.9	0.007		0.5	0.492		14/06/2017 15/06/2017
13/09/2017	102.63	8.1	2826.4	0.00347	2.3	1.4	0.50144		28/09/2017 12/10/2017
5/10/2017	103.14	9.0	2879.9	0.00153	2.2	2.8	0.55337		19/10/2017 21/06/2018
30/11/2017	96.88	9.3	2853.7	0.00591	1.7	1.7	0.52125		13/12/2017 14/12/2017
14/03/2018	112.75	7.8	2813.2	0.00283	1.6	2.4	0.46585		12/04/2018 16/04/2018
14/06/2018	104.46	5.7	2733.8	0.00129	2.0	1.5	0.41601		26/06/2018 27/06/2018
5/07/2018			2746.2						17/07/2018 18/07/2018
12/09/2018	111.46	5.7	2816	0.00372	2.0	1.9	0.38903		25/09/2018 26/09/2018
13/12/2018	106.36	5.7	2819.4	0.00379	2.0	2.2	0.40487		21/12/2018 24/12/2018
13/03/2019	98.55	6.9	2716.2	0.00597	2.7	1.7	0.41506		26/03/2019 27/03/2019
13/06/2019	94.6	6.0	2655	0.003	2.1	2.1	0.384		25/06/2019 26/06/2019
11/09/2019	87.4	5.1	2509	0.003	2.4	2.0	0.362		18/09/2019 19/09/2019
26/11/2019	73.2	4.2	2485	0.006	2.7	1.7	0.359		5/12/2019 9/12/2019
11/03/2020	0.23	2.1	1495	0.007	1	3.3	0.514		24/03/2020 25/03/2020

... Monitoring Point GMB6 continued

Landfill Site Monitoring

1/03/2012 to 25/03/2020

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	-	-	Received/
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
22/03/2012	<0.02	<0.02	<0.05	63.4	6.3	+79	63.40	10/04/2012 29/06/2012
21/06/2012	0.22	<0.02	0.22	83.62	6.4	-57	83.40	6/07/2012 9/08/2012
19/09/2012	0.03	<0.02	0.03	88.53	6.4	-72	88.50	3/10/2012 14/10/2012
12/12/2012	0.03	<0.02	0.03	82.43	6.3	-65	82.40	24/12/2012 25/12/2012
20/03/2013	0.16	<0.02	0.16	81.3	6.3	-43	81.14	4/04/2013 11/04/2013
20/06/2013	0.38	<0.02	0.38	86.4	6.3	-70	86.02	3/07/2013 4/07/2013
18/09/2013	0.14	<0.02	0.14	96.85	6.2	-58	96.71	30/09/2013 1/10/2013
27/11/2013	0.02	<0.02	0.02	95.92	6.2	-22	95.90	9/12/2013 10/12/2013
12/03/2014	<0.02	0.02	<0.02	101	6.3	-29	121.00	25/03/2014 26/03/2014
18/06/2014	0.42	0.02	0.44	86	6.3	-39	85.5600	3/07/2014 10/07/2014
17/09/2014	0.19	0.02	0.21	84.8	6.3	-40	84.5900	24/09/2014 25/09/2014
10/12/2014	0.15	<0.02	0.15	78.7	6.3	-17	78.5500	17/12/2014 18/12/2014
18/03/2015	0.20	<0.02	0.20	74.8	6.2	-11	74.6000	25/03/2015 26/03/2015
18/06/2015	0.14	<0.02	0.14	82.2	6.2	-6	81.4600	2/07/2015 9/07/2015
23/09/2015	<0.02	<0.02	<0.02	77.8	6.3	-1	81.1000	6/10/2015 15/10/2015
9/12/2015	1.30	<0.02	1.3	57.3	6.2	+26	56.0000	18/12/2015 21/12/2015
23/03/2016	0.06	<0.02	0.06	92.4	6.3	+21	91.8500	8/04/2016 14/04/2016
22/06/2016	0.55	<0.02	0.55	79.1	6.1	+1	77.9900	5/07/2016 15/09/2016
21/09/2016	0.04	<0.02	0.04	76.54	6.1	36	76.5000	28/09/2016 6/10/2016
7/12/2016	<0.02	<0.02	<0.02	75.4	6.2	121	75.4000	21/12/2016 16/03/2017
8/03/2017	<0.02	<0.02	<0.02	95.94	6.1	3.6	95.9400	23/03/2017 27/03/2017
11/04/2017				76.25				20/04/2017 4/05/2017
7/06/2017	0.13	<0.02	0.13	81.90	6.1	+23	81.7700	14/06/2017 15/06/2017
13/09/2017	<0.02	<0.02	<0.02	103.86	6.1	64.1	103.8600	28/09/2017 12/10/2017
5/10/2017	0.22	<0.02	0.22	103.15	6.2	46.1	102.9300	19/10/2017 21/06/2018
30/11/2017	<0.02	<0.02	<0.02	91.22	6.2	-35	96.8800	13/12/2017 21/06/2018
14/03/2018	0.12	0.02	0.14	113.11	6.3	-17.3	112.9700	12/04/2018 16/04/2018
14/06/2018	0.08	<0.02	0.08	104.83	6.3	0.6	104.7500	26/06/2018 27/06/2018

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5/07/2018				101.14					17/07/2018 18/07/2018
12/09/2018	0.06	<0.02	0.06	111.52	6.4	12.5	111.4600		25/09/2018 26/09/2018
13/12/2018	<0.02	<0.02	<0.02	106.36	6.4	15.8	106.3600		21/12/2018 24/12/2018
13/03/2019	0.04	<0.02	0.04	98.59	6.4	-46.2	98.5500		26/03/2019 27/03/2019
13/06/2019	0.03	<0.02	0.03	100	6.3	16.3	100		25/06/2019 26/06/2019
11/09/2019	<0.02	<0.02	<0.02	90.7	6.4	122.5	90.7		18/09/2019 19/09/2019
26/11/2019	<0.02	<0.02	<0.02	75.8	6.3	46.6	75.8		5/12/2019 9/12/2019
11/03/2020	0.1	<0.02	0.1	1.85	5.2	44.9	1.75		24/03/2020 25/03/2020

Monitoring Point: GMB9A EPA Point: EPA32

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	Depth to Water	DO (Membrane Electrode)	Manganese Total	Methane	
Limits	-	20	-	0.05	-	-	2	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(m)	(mg/L)	(mg/L)	(% (v/v))	Published
22/03/2012	0.02	<1.0	569	0.02		1.5	0.17	<0.05	10/04/2012 29/06/2012
21/06/2012	0.14	2.2	646	0.04		3.2	1.12	<0.05	6/07/2012 9/08/2012
19/09/2012	0.05	<1.0	605	<0.01		1.4	0.76	<0.05	3/10/2012 14/10/2012
12/12/2012	0.16	<1.0	600	<0.01		2.6	0.79	<0.05	24/12/2012 25/12/2012
20/03/2013	0.08	1.0	599	<0.01		2.8	0.66	<0.05	4/04/2013 11/04/2013
20/06/2013	0.21	1.2	614	<0.01		2.7	0.82	<0.05	3/07/2013 4/07/2013
18/09/2013	0.16	1.0	649	<0.01		3.5	0.83	<0.05	30/09/2013 1/10/2013
27/11/2013	0.54	1.4	652	0.01		2.4	0.90	<0.05	9/12/2013 10/12/2013
12/03/2014	0.32	1.4	731	<0.01		2.4	0.94	<0.05	25/03/2014 26/03/2014
18/06/2014	0.84	2.1	708	<0.01		3.0	0.99	<0.05	3/07/2014 10/07/2014
17/09/2014	0.86	1.5	739	<0.01		3.0	0.93	<0.05	24/09/2014 25/09/2014
10/12/2014	1.33	3.0	812	0.01		2.8	1.06	<0.05	17/12/2014 18/12/2014
18/03/2015	0.15	<1.0	709	0.001		1.6	1.133	<0.05	25/03/2015 26/03/2015
18/06/2015	0.17	1.5	666	0.007		3.2	0.882	<0.05	2/07/2015 6/07/2015
23/09/2015	0.21	2.1	676	0.003		2.9	0.866	<0.05	6/10/2015 8/10/2015
9/12/2015	0.23	1.2	670	0.002		2.8	0.847	<0.05	18/12/2015 21/12/2015
23/03/2016	0.07	<1.0	661	0.001		2.7	0.83	<0.05	8/04/2016 11/04/2016
22/06/2016	0.14	<1.0	634	0.002		2.6	0.815		5/07/2016 15/09/2016

Landfill Site Monitoring

1/03/2012 to 25/03/2020



21/09/2016	0.11	<1.0	631.4	0.003		3.0	0.779		28/09/2016 6/10/2016
7/12/2016	0.25	<1.0	641.8	0.002		2.7	0.804		21/12/2016 16/03/2017
8/03/2017	0.4	<1.0	654	0.002		2.6	0.776		23/03/2017 27/03/2017
7/06/2017	0.61	1.8	669.7	0.003		2.2	0.804		14/06/2017 15/06/2017
13/09/2017	0.3	<1.0	695.5	0.0019	10.4	2.7	0.87672		28/09/2017 12/10/2017
30/11/2017	0.43	1.8	700.7	0.00284	10.7	3.0	0.86033		13/12/2017 14/12/2017
14/03/2018	0.3	<1.0	721.3	0.00171	9.0	2.6	0.83942		12/04/2018 16/04/2018
14/06/2018	0.45	1.2	722.6	<0.001	10.2	2.9	0.86574		26/06/2018 27/06/2018
12/09/2018	0.25	1.2	819.5	0.00192	11.2	3.0	1.09652		25/09/2018 26/09/2018
13/12/2018	0.39	1.2	845.4	0.00198	10.9	3.3	1.12046		21/12/2018 24/12/2018
13/03/2019	0.2	1.8	905.5	0.00357	11.4	2.9	1.29723		26/03/2019 27/03/2019
13/06/2019	0.24	<1.0	986	<0.001	10	2.9	1.42		25/06/2019 26/06/2019
11/09/2019	0.56	2.1	995	0.002	10	3.0	1.36		18/09/2019 19/09/2019
26/11/2019	0.28	2.1	1057	0.002	11	3.3	1.46		5/12/2019 9/12/2019
11/03/2020	0.06	1.5	1017	<0.001	6.9	3.0	1.55		24/03/2020 25/03/2020

... Monitoring Point GMB9A continued

Pollutant	Nitrate	Nitrite	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	4.5-9	-	-	Received/ Published
Date	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	
22/03/2012	0.03	<0.02	0.03	0.09	6.6	+83	0.06	10/04/2012 29/06/2012
21/06/2012	0.09	<0.02	0.09	0.89	6.7	-49	0.80	6/07/2012 9/08/2012
19/09/2012	0.04	<0.02	0.04	0.09	6.6	-74	0.05	3/10/2012 14/10/2012
12/12/2012	0.04	<0.02	0.04	0.25	6.6	-90	0.21	24/12/2012 25/12/2012
20/03/2013	0.04	<0.02	0.04	0.24	6.6	-57	0.20	4/04/2013 11/04/2013
20/06/2013	0.05	<0.02	0.05	0.57	6.6	-90	0.52	3/07/2013 4/07/2013
18/09/2013	0.07	<0.02	0.07	0.45	6.6	-70	0.38	30/09/2013 1/10/2013
27/11/2013	0.08	<0.02	0.08	0.88	6.7	-60	0.80	9/12/2013 10/12/2013
12/03/2014	0.06	<0.02	0.06	0.54	7.0	-56	0.48	25/03/2014 26/03/2014
18/06/2014	0.09	<0.02	0.09	1.39	6.7	-56	1.3000	3/07/2014 10/07/2014
17/09/2014	0.10	<0.02	0.10	1.31	6.8	-56	1.2100	24/09/2014 25/09/2014
10/12/2014	0.17	<0.02	0.17	2.41	6.7	-25	2.2400	17/12/2014 18/12/2014

Landfill Site Monitoring

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18/03/2015	0.11	<0.02	0.11	0.26	6.5	+38	0.1500	25/03/2015 26/03/2015
18/06/2015	0.05	<0.02	0.05	0.65	6.5	-35	0.6000	2/07/2015 6/07/2015
23/09/2015	0.02	<0.02	0.02	0.45	6.6	+10	0.4300	6/10/2015 8/10/2015
9/12/2015	<0.02	<0.02	<0.02	0.48	6.6	-10	0.4800	18/12/2015 21/12/2015
23/03/2016	0.02	<0.02	0.02	0.18	6.6	-12	0.1600	8/04/2016 11/04/2016
22/06/2016	0.02	<0.02	0.02	0.22	6.6	+17	0.2000	5/07/2016 15/09/2016
21/09/2016	0.04	<0.02	0.04	0.34	6.4	49	0.3000	28/09/2016 6/10/2016
7/12/2016	<0.02	0.02	0.02	0.45	6.6	142	0.4300	21/12/2016 16/03/2017
8/03/2017	0.02	<0.02	0.02	0.73	6.6	-6.3	0.7100	23/03/2017 27/03/2017
7/06/2017	0.07	<0.02	0.07	1	6.7	+8	0.9300	14/06/2017 15/06/2017
13/09/2017	0.05	<0.02	0.05	0.58	6.6	122	0.5300	28/09/2017 12/10/2017
30/11/2017	0.07	<0.02	0.07	0.79	6.7	-45.7	0.7200	13/12/2017 14/12/2017
14/03/2018	0.08	<0.02	0.08	0.64	6.6	10.1	0.5600	12/04/2018 16/04/2018
14/06/2018	0.03	<0.02	0.03	0.66	6.7	32	0.6300	26/06/2018 27/06/2018
12/09/2018	0.03	<0.02	0.03	0.56	6.6	48.3	0.5300	25/09/2018 26/09/2018
13/12/2018	0.04	<0.02	0.04	0.79	6.7	109.3	0.7500	21/12/2018 24/12/2018
13/03/2019	0.03	<0.02	0.03	0.52	6.7	-3.4	0.4900	26/03/2019 27/03/2019
13/06/2019	0.05	<0.02	0.05	0.38	6.5	2.5	0.33	25/06/2019 26/06/2019
11/09/2019	0.07	<0.02	0.07	1.02	6.6	123.7	0.95	18/09/2019 19/09/2019
26/11/2019	<0.02	<0.02	<0.02	0.58	6.3	140.4	0.58	5/12/2019 9/12/2019
11/03/2020	0.02	<0.02	0.02	0.21	6.3	-2.3	0.19	24/03/2020 25/03/2020

Monitoring Point: LB14 EPA Point: EPA22

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)	(N mg/L)	(N mg/L)	Published
9/12/2015	----	----	----	----	----	----	<0.02	----	16/12/2015 15/09/2016

... Monitoring Point LB14 continued

Pollutant	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	TKN	
Limits	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	Published
9/12/2015	----	----	----	----	<0.05	16/12/2015 15/09/2016

Monitoring Point: LD1 EPA Point: EPA6

Landfill Site Monitoring

1/03/2012 to 25/03/2020



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)	(N mg/L)	(N mg/L)	Published
22/03/2012	280	75	6280	0.03	1.7	0.90	26.90	15.5	10/04/2012 29/06/2012
21/06/2012	274	90	6500	0.01	0.6	2.14	25.24	1.86	6/07/2012 9/08/2012
19/09/2012	336	145	9650	<0.01	<1.0	0.98	122.40	25.6	3/10/2012 14/10/2012
12/12/2012	114	59	8360	0.01	3.5	0.63	33.48	6.32	24/12/2012 25/12/2012
20/03/2013	318	52	5460	<0.01	1.3	1.18	<0.02	15.0	4/04/2013 11/04/2013
20/06/2013	135	95	6030	<0.01	2.2	1.33	2.10	34.8	3/07/2013 4/07/2013
18/09/2013	264	80	8101	0.01	<0.1	1.24	36.10	19.9	30/09/2013 1/10/2013
27/11/2013	156.3	115	8403	0.01	<0.1	0.79	10.30	31.4	9/12/2013 10/12/2013
12/03/2014	14.0	220	6715	<0.01	1.6	0.31	144.68	52.32	25/03/2014 26/03/2014
18/06/2014	8.92	90	5210	0.01	1.9	0.55	88.60	29.4	3/07/2014 10/07/2014
17/09/2014	160	55	5280	0.01	2.9	0.53	15.67	9.53	24/09/2014 25/09/2014
10/12/2014	22.3	35	5970	0.01	6.0	0.58	77.64	4.46	17/12/2014 18/12/2014
18/03/2015	321	80	5970	0.005	<1.0	0.919	4.40	22.2	25/03/2015 26/03/2015
18/06/2015	247	84	5900	0.005	1.4	0.827	16.70	21.4	2/07/2015 6/07/2015
23/09/2015	15.9	177	6560	0.011	1.1	0.794	70.10	18.0	6/10/2015 8/10/2015
9/12/2015	3.03	30	4240	0.009	4.0	0.543	40.15	21.45	18/12/2015 21/12/2015
23/03/2016	62.42	114	4170	0.006	1.1	0.695	12.92	6.34	8/04/2016 11/04/2016
22/06/2016	167.17	66	4180	0.005	0.8	0.657	22.52	5.7	5/07/2016 15/09/2016
21/09/2016	139.19	61	5278.7	0.033	0.8	3.15	21.39	12.45	28/09/2016 6/10/2016
7/12/2016	5.37	28	5260	0.006	3.2	0.524	9.83	1.59	21/12/2016 16/03/2017
8/03/2017	2.77	60	5886.7	0.008	5.8	0.345	57.45	15.1	23/03/2017 27/03/2017
7/06/2017	149.62	63	4335	0.005	0.8	0.611	4.87	8.77	14/06/2017 15/06/2017
13/09/2017	3.28	18	3990.8	0.00686	3.1	0.52904	16.80	0.6	28/09/2017 12/10/2017
30/11/2017	40.19	29	3953.7	0.00329	3.3	1.13291	30.35	24.76	13/12/2017 14/12/2017
14/03/2018	106.08	15	4462.8	0.00419	4.9	1.11543	30.13	11.44	12/04/2018 16/04/2018
14/06/2018	35.4	32	4733.9	0.0052	1.0	1.03956	35.63	42.35	26/06/2018 27/06/2018
12/09/2018	31.87	18.0	4384.9	0.00721	11.1	0.66935	18.62	3.86	25/09/2018 26/09/2018

Landfill Site Monitoring

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16/10/2018	0.76	36	3668.5	0.009		0.599	37.35	5.9	23/10/2018 18/03/2019
17/10/2018	0.12	43	3670.7	0.00808		0.58164	36.53	10.05	1/11/2018 18/03/2019
13/12/2018	3.64	59	4330.8	0.00453	14.5	0.49171	64.96	5.68	21/12/2018 24/12/2018
13/03/2019	4.02	87	4663.6	0.00545	17.3	0.57339	15.75	18.95	26/03/2019 27/03/2019
13/06/2019	83.6	77	4674	0.003	0.5	0.934	76.6	31.5	25/06/2019 26/06/2019
11/09/2019	247	8.0	5940	0.004	6.7	0.870	5.65	2.88	18/09/2019 19/09/2019
26/11/2019	33.7	45	4692	0.003	11	0.483	<0.02	0.38	5/12/2019 9/12/2019
11/03/2020	272	216	5092	0.003	0.7	1.33	<0.02	13.2	24/03/2020 25/03/2020

... Monitoring Point LD1 continued

Pollutant	Nitrogen Oxidised	Nitrogen Total	Oil & Grease	pH	Phosphorus Total	Redox Potential	Solids Suspended	Solids TDS (by calc) @180c	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(mV)	(mg/L)	(mg/L)	Published
22/03/2012	42.4	332		7.9		+78	110		10/04/2012 29/06/2012
21/06/2012	27.1	363		7.9		+14	48		6/07/2012 9/08/2012
19/09/2012	148	520		8.0		+50	78		3/10/2012 14/10/2012
12/12/2012	39.8	192		8.3		-82	85		24/12/2012 25/12/2012
20/03/2013	15.0	344		7.9		-38	39		4/04/2013 11/04/2013
20/06/2013	36.9	293		7.8		+12	43		3/07/2013 4/07/2013
18/09/2013	56.0	350.2		8.0		+40	34		30/09/2013 1/10/2013
27/11/2013	41.7	216.3		7.9		+27	27		9/12/2013 10/12/2013
12/03/2014	197	260		7.9		+17	226		25/03/2014 26/03/2014
18/06/2014	118	147		7.5		+21	30		3/07/2014 10/07/2014
17/09/2014	25.2	207		7.9		+4	7.0		24/09/2014 25/09/2014
10/12/2014	82.1	130		8.0		+1	53		17/12/2014 18/12/2014
18/03/2015	26.6	366		8.0		+49	32		25/03/2015 26/03/2015
18/06/2015	38.1	290		7.9		+27	32		2/07/2015 6/07/2015
23/09/2015	88.1	272		7.8		+71	34		6/10/2015 8/10/2015
9/12/2015	61.6	73.93		7.8		+114	17		18/12/2015 21/12/2015
23/03/2016	19.26	102.92		7.7		+98	46		8/04/2016 11/04/2016
22/06/2016	28.22	208.12		7.8		-13	21		5/07/2016 15/09/2016
21/09/2016	33.84	196.88		7.8		157	20		28/09/2016 6/10/2016

Landfill Site Monitoring

1/03/2012 to 25/03/2020



7/12/2016	11.42	43.2		7.9		259	54		21/12/2016 16/03/2017
8/03/2017	72.55	101.12		8.0		194	102		23/03/2017 27/03/2017
7/06/2017	13.64	163.26		7.7		+121	20		14/06/2017 15/06/2017
13/09/2017	17.4	39.84		7.6		238.8	23		28/09/2017 12/10/2017
30/11/2017	55.11	95.3		7.9		85.2	37		13/12/2017 14/12/2017
14/03/2018	41.57	154.96		7.9		188	11		12/04/2018 16/04/2018
14/06/2018	77.98	127.48		7.6		164.1	31		26/06/2018 27/06/2018
12/09/2018	22.48	72.68		8.1		178.1	25		25/09/2018 26/09/2018
16/10/2018	43.25	84.17	12.5		2.39		31	2440	23/10/2018 18/03/2019
17/10/2018	46.58	98.25	8.8		3.1		44	2330	1/11/2018 18/03/2019
13/12/2018	70.64	95.29		8.2		170.3	108		21/12/2018 24/12/2018
13/03/2019	34.7	69.51		8.2		121.9	160		26/03/2019 27/03/2019
13/06/2019	108	208		7.5		125.9	47		25/06/2019 26/06/2019
11/09/2019	8.53	255		8.3		206.1	10		18/09/2019 19/09/2019
26/11/2019	0.35	61.6		8.8		159.7	207		5/12/2019 9/12/2019
11/03/2020	12.6	326		7.9		-24.8	31		24/03/2020 25/03/2020

... Monitoring Point LD1 continued

Pollutant	TKN	
Limits	-	Received/
Date	(mg/L)	Published
22/03/2012	289.60	10/04/2012 29/06/2012
21/06/2012	335.90	6/07/2012 9/08/2012
19/09/2012	372.00	3/10/2012 14/10/2012
12/12/2012	152.20	24/12/2012 25/12/2012
20/03/2013	329.00	4/04/2013 11/04/2013
20/06/2013	256.10	3/07/2013 4/07/2013
18/09/2013	294.20	30/09/2013 1/10/2013
27/11/2013	174.60	9/12/2013 10/12/2013
12/03/2014	63.00	25/03/2014 26/03/2014
18/06/2014	29.0000	3/07/2014 10/07/2014
17/09/2014	181.8000	24/09/2014 25/09/2014

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10/12/2014	47.9000	17/12/2014 18/12/2014
18/03/2015	339.4000	25/03/2015 26/03/2015
18/06/2015	251.9000	2/07/2015 6/07/2015
23/09/2015	183.9000	6/10/2015 8/10/2015
9/12/2015	12.3300	18/12/2015 21/12/2015
23/03/2016	83.6600	8/04/2016 11/04/2016
22/06/2016	179.9000	5/07/2016 15/09/2016
21/09/2016	163.0400	28/09/2016 6/10/2016
7/12/2016	31.7800	21/12/2016 16/03/2017
8/03/2017	28.5700	23/03/2017 27/03/2017
7/06/2017	149.6200	14/06/2017 15/06/2017
13/09/2017	22.4400	28/09/2017 12/10/2017
30/11/2017	40.1900	13/12/2017 14/12/2017
14/03/2018	113.3900	12/04/2018 16/04/2018
14/06/2018	49.5000	26/06/2018 27/06/2018
12/09/2018	50.2000	25/09/2018 26/09/2018
16/10/2018	40.9200	23/10/2018 18/03/2019
17/10/2018	51.6700	1/11/2018 18/03/2019
13/12/2018	24.6500	21/12/2018 24/12/2018
13/03/2019	34.8100	26/03/2019 27/03/2019
13/06/2019	99.9	25/06/2019 26/06/2019
11/09/2019	247	18/09/2019 19/09/2019
26/11/2019	61.2	5/12/2019 9/12/2019
11/03/2020	313	24/03/2020 25/03/2020

Monitoring Point: LD2 EPA Point: EPA7

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)	(N mg/L)	(N mg/L)	Published
21/03/2012	86.00	12	2860	0.09	4.0	0.54	16.30	2.70	3/04/2012 29/06/2012
20/06/2012	148	41	4460	0.04	5.2	0.77	32.30	6.30	6/07/2012 9/08/2012

Landfill Site Monitoring

1/03/2012 to 25/03/2020



18/09/2012	435	38	10290	0.06	6.9	0.42	5.31	0.83	3/10/2012 7/10/2012
11/12/2012	134	3.0	7560	0.23	6.0	0.55	46.15	0.35	21/12/2012 24/12/2012
19/03/2013	56.5	19	2920	0.02	6.4	0.61	24.66	4.04	3/04/2013 11/04/2013
19/06/2013	214	24	5140	0.02	7.9	0.59	27.60	7.70	2/07/2013 3/07/2013
17/09/2013	142	43	5494	0.04	5.9	1.81	87.30	11.5	3/10/2013 7/10/2013
26/11/2013	27.3	11	5974	0.13	5.3	4.38	126.08	3.72	10/12/2013 11/12/2013
11/03/2014	0.10	1.2	5582	0.17	6.3	0.43	25.16	3.94	26/03/2014 24/04/2014
17/06/2014	67.5	14.1	6840	0.17	6.8	0.53	204.41	7.59	3/07/2014 10/07/2014
16/09/2014	43.4	17	5230	0.05	6.3	0.49	165.87	7.13	30/09/2014 1/10/2014
9/12/2014	42.4	3.9	7680	0.11	5.1	0.54	82.10	18.9	23/12/2014 22/01/2015
17/03/2015	95.9	8.1	4700	0.029	6.5	0.501	38.35	2.55	25/03/2015 26/03/2015
17/06/2015	16.3	21	2380		8.8		44.52	2.58	1/07/2015 6/07/2015
22/09/2015	60.4	13	4410	0.029	7.5	0.329	88.70	5.40	7/10/2015 8/10/2015
8/12/2015	130.81	15	6020	0.333	6.9	0.413	7.86	0.14	23/12/2015 28/12/2015
22/03/2016	12.39	2	2820	0.022	6.5	0.145	50.26	2.06	30/03/2016 31/03/2016
22/06/2016	14.58	6.0	2040	0.018	7.0	0.14	42.36	1.98	5/07/2016 15/09/2016
21/09/2016	0.04	4.0	3171.4	0.036	7.4	0.276	51.00	1.83	28/09/2016 6/10/2016
7/12/2016	3.71	6.0	5796.8	0.247	6.5	0.752	<0.02	0.14	21/12/2016 16/03/2017
8/03/2017	41.57	47	4888.7	0.155	2.9	1.055	0.51	0.14	23/03/2017 27/03/2017
7/06/2017	282.52	29	6812.8	0.031	0.6	1.927	33.27	17.74	14/06/2017 15/06/2017
13/09/2017	754.68	20	12418	0.03248	1.2	0.38083	11.92	44.18	28/09/2017 12/10/2017
30/11/2017	177.85	21	5802.4	0.04467	1.0	0.99632	44.49	23.67	13/12/2017 14/12/2017
14/03/2018	29.88	6.6	2988.9	0.0215	2.7	0.5145	65.73	1.64	12/04/2018 16/04/2018
14/06/2018	320.21	5.0	8679.6	0.04837	1.2	0.74952	63.15	6.7	26/06/2018 27/06/2018
26/09/2018	197.33	15	5580.1	0.02499	0.6	3.55083	2.99	0.14	4/10/2018 8/10/2018
13/12/2018	32.65	11	1715.3	0.00606	1.8	7.32234	0.02	0.18	21/12/2018 24/12/2018
13/03/2019	95.7	31	3852.7	0.0065	1.5	2.1965	12.62	0.95	26/03/2019 27/03/2019
13/06/2019	30.6	2.7	1683	0.005	1.7	4.87	2.72	0.57	25/06/2019 26/06/2019
11/09/2019	15.4	3.0	1474	0.005	1.6	1.95	6.12	0.80	18/09/2019 19/09/2019
26/11/2019	11.4	31	1929	0.005	1.6	0.911	14.8	0.31	5/12/2019 9/12/2019

Landfill Site Monitoring

1/03/2012 to 25/03/2020



11/03/2020	1.88	3.6	503	0.008	3.0	2.58	10.5	0.06	24/03/2020 25/03/2020
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... Monitoring Point LD2 continued

Pollutant	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	Solids Suspended	TKN	
Limits	-	-	-	-	-	-	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	(mg/L)	Published
21/03/2012	19.0	105	7.7	+107	23	86.00	3/04/2012 29/06/2012
20/06/2012	38.6	187	8.1	+121	378	148.40	6/07/2012 9/08/2012
18/09/2012	6.14	470	8.4	-4	102	463.86	3/10/2012 7/10/2012
11/12/2012	46.5	194	7.9	-44	10	147.50	21/12/2012 24/12/2012
19/03/2013	28.7	91.5	7.8	+13	83	62.80	3/04/2013 11/04/2013
19/06/2013	35.3	245	8.2	+1	27	209.70	2/07/2013 3/07/2013
17/09/2013	98.8	251.2	8.0	-120	93	152.40	3/10/2013 7/10/2013
26/11/2013	129.8	167.2	8.0	+28	84	37.40	10/12/2013 11/12/2013
11/03/2014	29.1	40.7	8.1	+120	16	11.60	26/03/2014 24/04/2014
17/06/2014	212	287	8.2	+70	275	75.0000	3/07/2014 10/07/2014
16/09/2014	173	220	8.0	+97	108	47.0000	30/09/2014 1/10/2014
9/12/2014	101	172	8.1	+98	86	71.0000	23/12/2014 22/01/2015
17/03/2015	40.9	138	8.1	+57	34	97.1000	25/03/2015 26/03/2015
17/06/2015	47.1	64.5	7.5	+119	81	17.4000	1/07/2015 6/07/2015
22/09/2015	94.1	178	7.8	+132	11	83.9000	7/10/2015 8/10/2015
8/12/2015	8.00	154.17	8.2	+76	58	146.1700	23/12/2015 28/12/2015
22/03/2016	52.32	69.74	7.6	+88	8.0	17.4200	30/03/2016 31/03/2016
22/06/2016	44.34	58.92	7.4	+64	20	14.5800	5/07/2016 15/09/2016
21/09/2016	52.83	66.11	7.6	156	9.0	13.2800	28/09/2016 6/10/2016
7/12/2016	0.07	18.91	7.9	275	4.8	18.8400	21/12/2016 16/03/2017
8/03/2017	0.65	91.54	7.5	89.3	870	90.8900	23/03/2017 27/03/2017
7/06/2017	51.01	333.53	8.1	-24	29	282.5200	14/06/2017 15/06/2017
13/09/2017	56.1	848.66	8.4	139.4	22	792.5600	28/09/2017 12/10/2017
30/11/2017	68.16	246.01	8.1	-66.9	75	177.8500	13/12/2017 14/12/2017
14/03/2018	67.37	102.17	7.0	117.3	37	34.8000	12/04/2018 16/04/2018
14/06/2018	69.85	391.63	8.2	165.4	12.5	321.7800	26/06/2018 27/06/2018

Landfill Site Monitoring

1/03/2012 to 25/03/2020

26/09/2018	3.13	214.54	7.8	-217.9	118	211.4100	4/10/2018 8/10/2018
13/12/2018	0.2	36.35	6.5	-57.9	150	36.1500	21/12/2018 24/12/2018
13/03/2019	13.57	116.25	8.1	140	23	102.6800	26/03/2019 27/03/2019
13/06/2019	3.29	36.0	6.6	134.1	54	32.7	25/06/2019 26/06/2019
11/09/2019	6.92	25.4	7.6	249	<1.0	18.5	18/09/2019 19/09/2019
26/11/2019	15.1	29.3	7.7	226.5	9.0	14.2	5/12/2019 9/12/2019
11/03/2020	10.5	14.8	5.7	151.7	210	4.29	24/03/2020 25/03/2020

Monitoring Point: METHANE BUILDINGS EPA Point: EPA23

Pollutant	Methane	
Limits	-	Received/ Published
Date	(% (v/v))	
22/03/2012	<0.05	10/04/2012 29/06/2012
21/06/2012	<0.05	6/07/2012 9/08/2012
19/09/2012	<0.05	3/10/2012 14/10/2012
12/12/2012	<0.05	24/12/2012 25/12/2012
20/03/2013	<0.05	4/04/2013 11/04/2013
20/06/2013	<0.05	3/07/2013 4/07/2013
18/09/2013	<0.05	30/09/2013 1/10/2013
27/11/2013	<0.05	9/12/2013 10/12/2013
12/03/2014	<0.05	25/03/2014 26/03/2014
18/06/2014	<0.05	3/07/2014 10/07/2014
17/09/2014	<0.05	24/09/2014 25/09/2014
10/12/2014	<0.05	17/12/2014 18/12/2014
18/03/2015	<0.05	25/03/2015 26/03/2015
18/06/2015	<0.05	2/07/2015 6/07/2015
23/09/2015	<0.05	6/10/2015 8/10/2015
9/12/2015	<0.05	18/12/2015 21/12/2015
23/03/2016	<0.05	8/04/2016 11/04/2016
21/06/2016	<0.05	4/07/2016 15/09/2016
21/09/2016	<0.05	28/09/2016 6/10/2016
7/12/2016	<0.05	21/12/2016 16/03/2017

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8/03/2017	<0.05	23/03/2017 27/03/2017
7/06/2017	<0.05	14/06/2017 15/06/2017
13/09/2017	<0.05	28/09/2017 12/10/2017
30/11/2017	<0.05	13/12/2017 14/12/2017
14/03/2018	<0.05	12/04/2018 16/04/2018
14/06/2018	<0.05	26/06/2018 27/06/2018
12/09/2018	<0.05	25/09/2018 26/09/2018
13/12/2018	<0.1	21/12/2018 24/12/2018
13/03/2019	<0.05	26/03/2019 27/03/2019
13/06/2019	<0.05	25/06/2019 26/06/2019
11/09/2019	<0.05	18/09/2019 19/09/2019
26/11/2019	<0.05	5/12/2019 9/12/2019
11/03/2020	<0.05	24/03/2020 25/03/2020

Monitoring Point: METHANE SURFACE EPA Point: EPA24

Pollutant	Methane	
Limits	-	Received/ Published
Date	(% (v/v))	
22/03/2012	<0.05	10/04/2012 29/06/2012
21/06/2012	<0.05	6/07/2012 9/08/2012
19/09/2012	<0.05	3/10/2012 14/10/2012
12/12/2012	<0.05	24/12/2012 25/12/2012
20/03/2013	<0.05	4/04/2013 11/04/2013
20/06/2013	<0.05	3/07/2013 4/07/2013
18/09/2013	<0.05	30/09/2013 1/10/2013
27/11/2013	<0.05	9/12/2013 10/12/2013
12/03/2014	<0.05	25/03/2014 26/03/2014
18/06/2014	<0.05	3/07/2014 10/07/2014
17/09/2014	<0.05	24/09/2014 25/09/2014
10/12/2014	<0.05	17/12/2014 18/12/2014
18/03/2015	<0.05	25/03/2015 26/03/2015
18/06/2015	<0.05	2/07/2015 6/07/2015

Landfill Site Monitoring

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23/09/2015	<0.05	6/10/2015 8/10/2015
9/12/2015	<0.05	18/12/2015 21/12/2015
23/03/2016	<0.05	8/04/2016 11/04/2016
21/06/2016	<0.05	4/07/2016 15/09/2016
21/09/2016	<0.05	28/09/2016 6/10/2016
7/12/2016	<0.05	21/12/2016 16/03/2017
8/03/2017	<0.05	23/03/2017 27/03/2017
7/06/2017	<0.05	14/06/2017 15/06/2017
13/09/2017	<0.05	28/09/2017 12/10/2017
30/11/2017	<0.05	13/12/2017 14/12/2017
14/03/2018	<0.05	12/04/2018 16/04/2018
14/06/2018	<0.05	26/06/2018 27/06/2018
12/09/2018	<0.05	25/09/2018 26/09/2018
13/12/2018	<0.1	21/12/2018 24/12/2018
13/03/2019	<0.05	26/03/2019 27/03/2019
13/06/2019	<0.05	25/06/2019 26/06/2019
11/09/2019	<0.05	18/09/2019 19/09/2019
26/11/2019	<0.05	5/12/2019 9/12/2019
11/03/2020	<0.05	24/03/2020 25/03/2020

Monitoring Point: S4 EPA Point: EPA3

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	DO (Membrane Electrode)	Manganese Total	Nitrate	Nitrite	
Limits	-	20	-	0.05	-	2	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(mg/L)	(mg/L)	(N mg/L)	(N mg/L)	Published
21/03/2012	9.33	8.4	1236	0.09	8.0	0.68	9.07	1.73	3/04/2012 29/06/2012
13/04/2012	0.03	15	3194	0.02	13	1.48	0.04	<0.02	23/04/2012 29/06/2012
20/06/2012	0.69	2.7	1203	0.01	5.3	1.72	0.39	0.03	6/07/2012 9/08/2012
19/03/2013	22.0	4.0	1882	0.01	5.6	0.26	17.33	2.67	3/04/2013 11/04/2013
18/04/2013	0.07	3.3	1166	0.01	>16	0.05	2.28	0.04	2/05/2013 20/06/2013
19/06/2013	0.41	2.7	1181	<0.01	7.0	0.39	3.07	0.09	2/07/2013 3/07/2013
17/09/2013	1.36	14.1	805	0.01	5.4	1.76	5.93	0.89	3/10/2013 7/10/2013

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26/11/2013	7.44	150	2005	<0.01	<0.1	5.34	0.08	0.02	10/12/2013 11/12/2013
17/06/2014	1.32	3.0	928	<0.01	2.9	0.55	0.06	0.04	3/07/2014 10/07/2014
16/09/2014	0.04	3.0	1377	<0.01	8.7	3.50	0.08	<0.02	30/09/2014 1/10/2014
17/03/2015	0.75	13	1132	0.002	1.5	0.862	0.05	<0.02	25/03/2015 26/03/2015
17/06/2015	1.40	1.8	885		7.6		9.99	0.31	1/07/2015 6/07/2015
22/09/2015	1.16	12	1072	0.002	6.9	2.40	0.05	0.02	7/10/2015 8/10/2015
8/12/2015	0.04	45	1294	0.004	19	1.481	<0.02	0.03	23/12/2015 28/12/2015
22/03/2016	0.8	3	1107	0.003	2.7	0.59	0.87	0.15	30/03/2016 31/03/2016
21/09/2016	1.62	8.7	1093.1	0.002	1.2	2.193	<0.02	0.02	28/09/2016 6/10/2016
7/12/2016	2.34	7.2	1894.4	0.006	2.6	7.974	0.54	0.06	21/12/2016 16/03/2017
3/01/2017			29085			0.754			1/02/2017 16/03/2017
7/06/2017	0.19	2.1	1797.8	0.003	2.9	0.454	1.61	0.07	14/06/2017 15/06/2017
30/11/2017	7	7.8	1340.6	0.00585	2.2	1.70611	3.02	0.83	13/12/2017 14/12/2017
14/03/2018	6.41	4.2	1605.2	0.0117	2.1	1.97905	24.33	1.76	12/04/2018 16/04/2018
8/05/2018	0.15	12.9	1858	0.00587	5.7	3.26344	0.58	0.03	15/05/2018 21/06/2018
14/06/2018	2.44	26	1910.4	0.00441	0.9	2.75509	0.03	0.02	26/06/2018 27/06/2018
5/07/2018		30	2222.7			5.24366			17/07/2018 18/07/2018
24/07/2018		6.6	2314.9			4.6934			4/09/2018 5/09/2018
12/09/2018	0.46	2.1	2108	0.00653	2.8	2.15803	0.08	0.03	25/09/2018 26/09/2018
13/12/2018	0.37	12	2432.1	0.00189	3.5	6.90245	<0.02	<0.02	21/12/2018 24/12/2018
28/12/2018			1674.5			3.450			15/01/2019 4/03/2019
27/03/2019						0.2709			9/04/2019 15/04/2019
13/06/2019	<0.02	23	1849	0.003	5.1	5.25	<0.02	0.03	25/06/2019 26/06/2019
1/07/2019		1.2	1226			0.199			10/07/2019 26/08/2019
5/07/2019		<1.0				0.442			24/07/2019 25/07/2019
11/03/2020	0.08	3.3	1075	0.005	4.3	0.195	9.57	0.14	24/03/2020 25/03/2020

... Monitoring Point S4 continued

Pollutant	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	Solids Suspended	TKN	
Limits	-	5	-	-	-	-	Received/ Published
Date	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	(mg/L)	
21/03/2012	10.8	24.5	7.2	+202	33	13.70	3/04/2012 29/06/2012

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13/04/2012	0.04	3.06	8.6	+88	28	3.02	23/04/2012 29/06/2012
20/06/2012	0.42	2.01	6.9	+327	74	1.59	6/07/2012 9/08/2012
19/03/2013	20.0	45.0	7.4	+37	43	25.00	3/04/2013 11/04/2013
18/04/2013	2.32	6.07	7.0	+53	51	3.75	2/05/2013 20/06/2013
19/06/2013	3.16	5.28	6.9	-4	13	2.12	2/07/2013 3/07/2013
17/09/2013	6.82	10.82	6.8	-48	68	4.00	3/10/2013 7/10/2013
26/11/2013	0.10	19.53	7.2	-116	132	19.43	10/12/2013 11/12/2013
17/06/2014	0.10	3.96	7.2	+93	16	3.8600	3/07/2014 10/07/2014
16/09/2014	0.08	1.94	6.9	+80	5.8	1.8600	30/09/2014 1/10/2014
17/03/2015	0.05	3.78	6.8	+21	26	3.7300	25/03/2015 26/03/2015
17/06/2015	10.3	12.3	6.3	+28	7.0	2.0000	1/07/2015 6/07/2015
22/09/2015	0.07	3.56	7.1	+172	14	3.4900	7/10/2015 8/10/2015
8/12/2015	0.04	8.78	8.7	+79	95	8.7400	23/12/2015 28/12/2015
22/03/2016	1.02	3.15	6.7	+134	4.0	2.1300	30/03/2016 31/03/2016
21/09/2016	<0.02	3.94	6.8	176	48	3.9400	28/09/2016 6/10/2016
7/12/2016	0.6	4.54	5.0	320	20	3.9400	21/12/2016 16/03/2017
27/03/2017			6.3		49		6/04/2017 4/05/2017
4/04/2017			6.1		37		12/04/2017 4/05/2017
9/05/2017			6.9		18		23/05/2017 1/06/2017
7/06/2017	1.68	4.68	6.6	+347	5.0	3.0000	14/06/2017 15/06/2017
20/06/2017			7.5		14		27/06/2017 29/06/2017
30/11/2017	3.85	14.08	7.2	51.5	31	10.2300	13/12/2017 14/12/2017
14/03/2018	26.09	35.53	7.1	307.1	51	9.4400	12/04/2018 16/04/2018
8/05/2018	0.61	7.43	7.2	67.6	35	6.8200	15/05/2018 21/06/2018
10/05/2018					10		15/05/2018 16/05/2018
14/06/2018	0.05	15.08	7.2	-32.8	161	15.0300	26/06/2018 27/06/2018
5/07/2018		10.88					17/07/2018 18/07/2018
24/07/2018		5.89					4/09/2018 5/09/2018
12/09/2018	0.11	4	7.0	243.8	23	3.8900	25/09/2018 26/09/2018
13/10/2018					29		23/10/2018 13/12/2018

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13/12/2018	<0.02	6.59	7.5	246.4	54	6.5900	21/12/2018 24/12/2018
28/12/2018		4.67					15/01/2019 4/03/2019
27/03/2019		4.51			115		9/04/2019 15/04/2019
13/06/2019	0.04	4.37	7.0	-2	125	4.33	25/06/2019 26/06/2019
5/07/2019		2.95			37		24/07/2019 25/07/2019
11/03/2020	9.71	11.9	6.8	228.6	13	2.16	24/03/2020 25/03/2020

Monitoring Point: S5 EPA Point: EPA5

Pollutant	Ammonia	BOD5	Conductivity	Copper (Total)	DO (Membrane Electrode)	Manganese Total	Nitrate	Nitrite	
Limits	-	20	-	0.05	-	2	-	-	Received/
Date	(mg/L)	(mg/L)	(µScm-1)	(mg/L)	(mg/L)	(mg/L)	(N mg/L)	(N mg/L)	Published
22/03/2012	17.5	4.2	1280	0.02	2.5	2.28	0.06	0.08	10/04/2012 29/06/2012
13/04/2012	10.09	14	2261	<0.01	15	<0.01	2.78	0.97	23/04/2012 29/06/2012
27/04/2012	27.0	6.6	2080	0.01	4.3	2.41	0.38	0.13	11/05/2012 29/06/2012
21/06/2012	57.4	3.6	2300	0.01	4.1	2.23	0.22	0.07	6/07/2012 9/08/2012
16/07/2012	41.3	2.7	1738	0.01	3.7	2.25	0.45	0.13	31/07/2012 9/08/2012
14/08/2012	32.0	8.1	1927	<0.01	15	0.41	1.15	0.58	28/08/2012 29/08/2012
19/09/2012	8.03	38	1868	0.02	>16.0	1.01	0.20	0.08	3/10/2012 14/10/2012
12/12/2012	0.07	7.2	1942	<0.01	12.0	0.35	0.04	<0.02	24/12/2012 25/12/2012
20/03/2013	112	10	3070	<0.01	4.4	1.12	1.30	1.63	4/04/2013 11/04/2013
18/04/2013	28.8	3.6	1390	<0.01	2.6	1.19	0.36	0.34	2/05/2013 6/05/2013
20/06/2013	12.3	1.2	1145	<0.01	3.1	0.67	2.86	0.14	3/07/2013 4/07/2013
18/09/2013	2.18	9.0	1013	0.01	6.3	0.84	11.02	0.48	30/09/2013 1/10/2013
27/11/2013	0.17	2.7	925	<0.01	6.4	0.33	0.38	0.03	9/12/2013 10/12/2013
18/06/2014	0.03	<1.0	703	<0.01	11	<0.01	0.03	<0.02	3/07/2014 10/07/2014
17/09/2014	0.05	3.9	893	<0.01	15.0	0.08	0.11	0.02	24/09/2014 25/09/2014
10/12/2014	0.75	16	1631	0.01	>10	1.06	12.06	0.14	17/12/2014 18/12/2014
18/03/2015	61.2	9.3	2850	0.003	2.6	0.521	4.89	2.67	25/03/2015 26/03/2015
18/06/2015	8.72	8.1	797	0.006	3.7	0.265	9.05	0.25	2/07/2015 6/07/2015
23/09/2015	6.10	13	1578	0.007	9.1	0.247	3.58	0.36	6/10/2015 8/10/2015
8/10/2015	1.36	17	1729	0.003	1.2	1.55	<0.02	0.06	20/10/2015 21/10/2015

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9/12/2015	0.45	14	1715	0.002	18	0.402	0.28	0.07	18/12/2015 21/12/2015
23/03/2016	34.09	19	1959	0.002	4.7	0.554	0.69	0.76	8/04/2016 11/04/2016
22/06/2016	41.45	20	2180	0.014	2.1	0.908	1.04	0.19	5/07/2016 15/09/2016
21/09/2016	0.39	21	1197.4	0.003	11.8	0.606	0.11	0.04	28/09/2016 6/10/2016
7/12/2016	<0.02	15.6	1275.9	0.007	26.1	0.447	<0.02	<0.02	21/12/2016 16/03/2017
8/03/2017	0.02	12	1038.7	0.007	22.1	0.176	0.98	0.06	23/03/2017 27/03/2017
7/06/2017	6.24	5.7	1815.7	0.002	2.2	0.887	0.06	0.06	14/06/2017 15/06/2017
13/09/2017	1.3	114	2591.6	0.01109	25.1	0.89018	0.08	0.08	28/09/2017 12/10/2017
5/10/2017	2.22	9.0	1147.9	0.01314	5.9	0.1923	7.21	0.42	19/10/2017 21/06/2018
30/11/2017	0.02	4.8	778.7	0.00267	6.5	0.2899	0.06	<0.02	13/12/2017 14/12/2017
14/03/2018	3.98	3.6	992.2	0.00848	5.2	0.18497	1.98	0.42	12/04/2018 16/04/2018
14/06/2018	0.23	3.0	972.6	0.0027	6.8	0.20595	0.25	0.07	26/06/2018 27/06/2018
12/09/2018	0.02	8.7	851.1	0.00612	9.4	0.2476	0.03	<0.02	25/09/2018 26/09/2018
13/12/2018	0.03	6.6	692.8	0.00314	10.7	0.2629	<0.02	<0.02	21/12/2018 24/12/2018
13/03/2019	0.31	3.0	3111.8	0.00566	9.1	0.84243	0.19	0.02	26/03/2019 27/03/2019
13/06/2019	0.04	2.4	804	0.004	15	0.019	0.03	<0.02	25/06/2019 26/06/2019
11/09/2019	0.05	2.4	1018	0.009	14	0.146	<0.02	<0.02	18/09/2019 19/09/2019
11/03/2020	4.89	15	678	0.010	8.5	0.164	4.38	1.03	24/03/2020 25/03/2020

... Monitoring Point S5 continued

Pollutant	Nitrogen Oxidised	Nitrogen Total	pH	Redox Potential	Solids Suspended	TKN	
Limits	-	5	-	-	-	-	Received/ Published
Date	(mg/L)	(mg/L)	(pH units)	(mV)	(mg/L)	(mg/L)	
22/03/2012	0.14	20.1	7.6	+103	42	20.26	10/04/2012 29/06/2012
13/04/2012	3.75	19.66	8.2	+96	62	15.91	23/04/2012 29/06/2012
27/04/2012	0.51	31.5	7.9	+183	29	30.99	11/05/2012 29/06/2012
21/06/2012	0.29	58.9	7.7	+48	25	58.61	6/07/2012 9/08/2012
16/07/2012	0.58	43.6	7.6	+220	50	43.02	31/07/2012 9/08/2012
14/08/2012	1.73	37.2	8.3	+129	58	35.47	28/08/2012 29/08/2012
19/09/2012	0.28	20.3	8.7	+26	614	20.02	3/10/2012 14/10/2012
12/12/2012	0.04	3.03	8.2	-33	20	2.99	24/12/2012 25/12/2012
20/03/2013	2.93	116	7.9	-59	11	113.07	4/04/2013 11/04/2013

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18/04/2013	0.70	33.3	7.7	+52	7.8	32.60	2/05/2013 6/05/2013
20/06/2013	3.00	24.5	7.5	-9	4.5	21.50	3/07/2013 4/07/2013
18/09/2013	11.5	17.4	7.2	-9	68	5.90	30/09/2013 1/10/2013
27/11/2013	0.41	2.53	7.4	+59	9.0	2.12	9/12/2013 10/12/2013
18/06/2014	0.03	1.62	8.0	-17	1.0	1.5900	3/07/2014 10/07/2014
17/09/2014	0.13	2.40	7.9	-9	4.7	2.2700	24/09/2014 25/09/2014
20/11/2014			8.7		65		4/12/2014 22/01/2015
10/12/2014	12.2	17.6	8.2	+8	210	5.4000	17/12/2014 18/12/2014
29/01/2015			7.8		12		30/01/2015 2/02/2015
18/03/2015	7.56	74.7	8.0	+17	10	67.1400	25/03/2015 26/03/2015
18/06/2015	9.30	19.9	7.4	+21	29	10.6000	2/07/2015 6/07/2015
23/09/2015	3.94	13.5	7.9	+29	20	9.5600	6/10/2015 8/10/2015
8/10/2015	0.06	6.89	7.8	+156	24	6.8300	20/10/2015 21/10/2015
9/12/2015	0.35	6.85	8.5	+44	21	6.5000	18/12/2015 21/12/2015
7/03/2016			8.2		22		14/03/2016 24/03/2016
14/03/2016			7.7		35		23/03/2016 24/03/2016
23/03/2016	1.45	40.13	8.0	+31	11	38.6800	8/04/2016 11/04/2016
22/06/2016	1.23	51.43	7.8	+73	27	50.2000	5/07/2016 15/09/2016
21/09/2016	0.15	6.28	7.8	184	47	6.1300	28/09/2016 6/10/2016
7/12/2016	<0.02	5.12	9.3	231	18	5.1200	21/12/2016 13/12/2018
8/03/2017	1.04	7.3	9.9	161.9	268	6.2600	23/03/2017 27/03/2017
15/03/2017					26		23/03/2017 4/05/2017
27/03/2017			7.7		6.0		6/04/2017 4/05/2017
6/04/2017			7.3		30.0		12/04/2017 4/05/2017
7/04/2017			7.3		53		19/04/2017 4/05/2017
8/04/2017			7.4		26		19/04/2017 4/05/2017
9/04/2017			7.5		45		19/04/2017 4/05/2017
11/04/2017		19.51					20/04/2017 4/05/2017
9/05/2017			7.4		143		23/05/2017 1/06/2017
22/05/2017			7.5		45.7		30/05/2017 3/01/2019

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7/06/2017	0.12	10.13	7.8	+86	19	10.0100	14/06/2017 15/06/2017
19/06/2017			7.8		16		27/06/2017 29/06/2017
13/09/2017	0.16	19.81	8.9	216.1	375	19.6500	28/09/2017 12/10/2017
5/10/2017	7.63	13.58	7.6	300.8	69.0	5.9500	19/10/2017 21/06/2018
21/11/2017					30		5/12/2017 6/12/2017
30/11/2017	0.06	2.03	7.7	77.5	64	1.9700	13/12/2017 21/06/2018
6/03/2018					43		8/03/2018 12/03/2018
14/03/2018	2.4	9.23	7.6	170.9	58	6.8300	12/04/2018 16/04/2018
22/03/2018					33		4/04/2018 5/04/2018
3/04/2018					6		10/04/2018 11/04/2018
10/05/2018					14		15/05/2018 16/05/2018
14/06/2018	0.32	2.46	7.7	191.2	10.2	2.1400	26/06/2018 27/06/2018
26/08/2018					210		5/09/2018 13/12/2018
12/09/2018	0.03	2.21	7.8	233.5	4.5	2.1800	25/09/2018 26/09/2018
9/10/2018					71		17/10/2018 13/12/2018
11/10/2018					45.3		17/10/2018 13/12/2018
12/10/2018					59.2		17/10/2018 18/10/2018
13/10/2018					37.5		23/10/2018 13/12/2018
14/10/2018					18.7		23/10/2018 13/12/2018
20/10/2018					9.3		23/10/2018 13/12/2018
21/10/2018					8.3		23/10/2018 13/12/2018
5/12/2018					131		19/12/2018 20/12/2018
13/12/2018	<0.02	2.11	8.6	153.2	12.5	2.1100	21/12/2018 24/12/2018
17/12/2018					11.5		31/12/2018 3/01/2019
18/12/2018					16		21/12/2018 24/12/2018
23/12/2018					8.0		16/01/2019 4/03/2019
13/03/2019	0.21	2.47	7.5	43.4	8.0	2.2600	26/03/2019 27/03/2019
27/03/2019					16		9/04/2019 10/04/2019
30/03/2019					6.7		9/04/2019 13/05/2019
31/03/2019					3.3		9/04/2019 13/05/2019

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1/04/2019					2		9/04/2019 13/05/2019
3/04/2019					3.5		11/04/2019 13/05/2019
4/04/2019					8		11/04/2019 13/05/2019
5/04/2019					2.25		11/04/2019 13/05/2019
20/04/2019					20.5		2/05/2019 6/05/2019
23/04/2019					4		2/05/2019 6/05/2019
24/04/2019					2.2		2/05/2019 6/05/2019
20/05/2019					12		27/05/2019 24/06/2019
13/06/2019	0.03	1.52	8.7	9.1	3.0	1.49	25/06/2019 26/06/2019
25/06/2019					55		2/07/2019 3/07/2019
2/07/2019					2.7		11/07/2019 26/08/2019
5/07/2019					105		24/07/2019 26/08/2019
6/07/2019					27		16/07/2019 26/08/2019
7/07/2019					108		16/07/2019 26/08/2019
8/07/2019					15		16/07/2019 26/08/2019
11/09/2019	<0.02	2.94	9.4	220.8	62	2.94	18/09/2019 19/09/2019
11/03/2020	5.41	13.9	7.8	26.4	30	8.51	24/03/2020 25/03/2020