

Landfill Site Monitoring

1/03/2012 to 27/05/2020



Site: Quirks/Eviron Quarry

EPA Licence Number: 12777

Monitoring Point: QUI 2: DRAIN NORTH CORNER					EPA Point: EPA1				
Pollutant	Chloride	Conductivity	Nitrate	Nitrite	Nitrogen Oxidised	Oil & Grease	pH	Solids Suspended	
Limits	-	-	-	-	-	-	6.5-8.5	50	Received/
Date	(mg/L)	(µScm-1)	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	Published
15/05/2012	40	135	0.74	<0.02	0.74	<2.0	6.2	7.7	24/05/2012 29/06/2012
14/08/2012	28	209	5.93	<0.02	5.93	<2.0	6.0	1.6	29/08/2012 21/10/2012
21/11/2012	16	179	0.63	0.03	0.66	3	6.4	10	5/12/2012 14/03/2013
20/02/2013	25	126	0.17	<0.02	0.17	<2.0	5.7	7.8	1/03/2013 14/03/2013
21/05/2013	20	149	0.06	<0.02	0.06	<2.0	6.4	6.2	30/05/2013 3/06/2013
20/08/2013	23	150	0.03	<0.02	0.03	2	6.6	12	2/09/2013 3/09/2013
20/11/2013	10	148	3.06	0.07	3.13	<2.0	6.2	18	5/12/2013 9/12/2013
19/02/2014	38	296	0.02	<0.02	0.02	<2.0	7.2	20	28/02/2014 3/03/2014
21/05/2014	18	150	3.02	0.05	3.07	<2.0	5.9	4.3	29/05/2014 5/06/2014
19/08/2014	16	124	0.99	0.02	1.01	<2.0	6.4	20	28/08/2014 1/09/2014
18/11/2014	28	232	0.02	0.02	0.04	3	7.4	33	2/12/2014 3/12/2014
20/11/2014	28	226	<0.02	0.02	0.02	<2.0	7.0	20	4/12/2014 11/12/2014
29/01/2015	16	135	3.75	0.11	3.86	<2.0	6.1	8.7	12/02/2015 16/02/2015
17/02/2015	17	134	0.56	0.03	0.59	2	6.2	12	27/02/2015 2/03/2015
21/05/2015	14	108	0.71	<0.02	0.71	<2.0	6.4	3.4	29/05/2015 1/06/2015
19/08/2015	20	132	1.65	<0.02	1.65	<2	6.3	2.2	1/09/2015 3/09/2015
18/11/2015	10	87	<0.02	<0.02	<0.02	<5.0	6.4	17	2/12/2015 3/12/2015
24/02/2016	15	109	<0.02	<0.02	<0.02	<2	6.6	10	8/03/2016 10/03/2016
16/05/2016	16	118	<0.02	<0.02	<0.02	<2.0	6.6	16	31/05/2016 1/06/2016
23/08/2016	18	114.1	<0.02	<0.02	<0.02	<2	6.4	12	7/09/2016 8/09/2016
17/11/2016	14	103.7	<0.02	<0.02	<0.02	<2.0	6.1	11	29/11/2016 30/11/2016
16/02/2017	22	123.5	<0.02	<0.02	<0.02	<2.0	6.3	39	7/03/2017 8/03/2017
15/05/2017	16	89.8	<0.02	<0.02	<0.02	<2	5.9	20	30/05/2017 1/06/2017
17/08/2017	24	139.1	<0.02	<0.02	<0.02	<2.0	6.5	11.00	29/08/2017 30/08/2017
16/11/2017	16.5	101.9	<0.02	<0.02	<0.02	<2.0	6.4	7.5	5/12/2017 6/12/2017

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22/02/2018	22	122.5	<0.02	<0.02	<0.02	<2	6.2	10.5	6/03/2018 7/03/2018
17/05/2018	15	94.7	<0.02	<0.02	<0.02	<2.0	6.2	11.5	29/05/2018 30/05/2018
23/08/2018	20.0	106.4	<0.02	<0.02	<0.02	<2.0	6.4	36	10/09/2018 11/09/2018
13/11/2018	20.0	145	<0.02	0.02	<0.02	4.25	6.59	23	28/11/2018 29/11/2018
12/02/2019	19	127.8	<0.02	0.02	<0.02	<2.0	6.9	9.7	19/02/2019 20/02/2019
14/05/2019	18	105	<0.02	<0.02	<0.02	3	6.1	16	27/05/2019 28/05/2019
14/08/2019	19	117	<0.02	<0.02	<0.02	<2.0	6.3	13	28/08/2019 29/08/2019
12/11/2019	28	222	0.02	<0.02	0.02	<2.0	6.6	8.3	26/11/2019 27/11/2019
25/02/2020	18	109	<0.02	<0.02	<0.02	<2.0	5.9	33	5/03/2020 9/03/2020
12/05/2020	28	156	<0.02	0.03	0.03	<2.0	6.1	36	26/05/2020 27/05/2020

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Pollutant	Sulphate	
Limits	-	Received/
Date	(mg/L)	Published
15/05/2012	12	24/05/2012 29/06/2012
14/08/2012	15	29/08/2012 21/10/2012
21/11/2012	17	5/12/2012 14/03/2013
20/02/2013	2.3	1/03/2013 14/03/2013
21/05/2013	9.0	30/05/2013 3/06/2013
20/08/2013	6.2	2/09/2013 3/09/2013
20/11/2013	20	5/12/2013 9/12/2013
19/02/2014	4.3	28/02/2014 3/03/2014
21/05/2014	14	29/05/2014 5/06/2014
19/08/2014	11	28/08/2014 1/09/2014
18/11/2014	3.8	2/12/2014 3/12/2014
20/11/2014	4.5	4/12/2014 11/12/2014
29/01/2015	8.5	12/02/2015 16/02/2015
17/02/2015	5.6	27/02/2015 2/03/2015
21/05/2015	8.0	29/05/2015 1/06/2015
19/08/2015	9.5	1/09/2015 3/09/2015
18/11/2015	6.6	2/12/2015 3/12/2015

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24/02/2016	1.825	8/03/2016 10/03/2016
16/05/2016	3.352	31/05/2016 1/06/2016
23/08/2016	5.905	7/09/2016 8/09/2016
17/11/2016	10.348	29/11/2016 30/11/2016
16/02/2017	1.878	7/03/2017 8/03/2017
15/05/2017	9.439	30/05/2017 1/06/2017
17/08/2017	5.9582	29/08/2017 30/08/2017
16/11/2017	6.0863	5/12/2017 6/12/2017
22/02/2018	6.6936	6/03/2018 7/03/2018
17/05/2018	5.2081	29/05/2018 30/05/2018
23/08/2018	4.5817	10/09/2018 11/09/2018
13/11/2018	2.1319	28/11/2018 29/11/2018
12/02/2019	2.8633	19/02/2019 20/02/2019
14/05/2019	9.1	27/05/2019 28/05/2019
14/08/2019	8.0	28/08/2019 29/08/2019
12/11/2019	22	26/11/2019 27/11/2019
25/02/2020	8.8	5/03/2020 9/03/2020
12/05/2020	8.4	26/05/2020 27/05/2020

Monitoring Point: QUI 3: SED DAM EPA Point:

Pollutant	Chloride	Conductivity	Nitrate	Nitrite	Nitrogen Oxidised	Oil & Grease	pH	Solids Suspended	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(µScm-1)	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	Published
15/05/2012	16	80	0.04	<0.02	0.04	<2.0	6.2	65	24/05/2012 29/06/2012
14/08/2012	22	110	0.03	<0.02	0.03	<2.0	6.6	14	29/08/2012 21/10/2012
21/11/2012	28	147	0.05	<0.02	0.05	4	8.0	8.0	5/12/2012 14/03/2013
20/02/2013	16	91	1.28	<0.02	1.28	<2.0	5.7	47	1/03/2013 14/03/2013
21/05/2013	21	98	<0.02	<0.02	<0.02	<2.0	6.7	2.8	30/05/2013 3/06/2013
20/08/2013	18	92	0.03	<0.02	0.02	<2.0	7.1	3.8	2/09/2013 3/09/2013
20/11/2013	16	276	0.04	<0.02	0.04	<2.0	7.2	39	5/12/2013 9/12/2013
19/02/2014	21	391	<0.02	<0.02	0.02	<2.0	7.4	3.0	28/02/2014 6/03/2014
21/05/2014	16	162	0.04	<0.02	0.04	<2.0	6.3	4.3	29/05/2014 5/06/2014

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19/08/2014	13	144	<0.02	<0.02	<0.02	<2.0	6.7	13	28/08/2014 4/09/2014
18/11/2014	20	196	0.05	<0.02	0.02	3	7.1	10	2/12/2014 4/12/2014
20/11/2014	16	191	0.02	<0.02	0.02	<2.0	6.8	14	4/12/2014 11/12/2014
29/01/2015	17	121	<0.02	0.02	<0.02	<2.0	6.4	20	12/02/2015 16/02/2015
17/02/2015	18	160	0.08	<0.02	0.08	<2.0	6.3	5.3	27/02/2015 2/03/2015
21/05/2015	18	172	<0.02	<0.02	<0.02	<2.0	6.5	4.4	29/05/2015 1/06/2015
19/08/2015	22	240	<0.02	<0.02	<0.02	<2	6.9	1.5	1/09/2015 3/09/2015
18/11/2015	15	128	<0.02	<0.02	<0.02	6	6.4	24	2/12/2015 17/12/2015
24/02/2016	16	191	<0.02	<0.02	<0.02	<2	6.6	6.0	8/03/2016 10/03/2016
16/05/2016	22	189	<0.02	<0.02	<0.02	<2	6.6	14	31/05/2016 10/08/2016
23/08/2016	21	196.9	<0.02	<0.02	<0.02	<2	6.6	2.2	7/09/2016 15/09/2016
17/11/2016	14	192.3	<0.02	<0.02	<0.02	<2	6.6	4.4	29/11/2016 30/11/2016
16/02/2017	19	237.2	<0.02	<0.02	<0.02	2	6.5	6.0	7/03/2017 8/03/2017
15/05/2017	24	191.1	<0.02	<0.02	<0.02	<2.0	6.6	7.5	30/05/2017 31/05/2017
17/08/2017	24	233.6	<0.02	<0.02	<0.02	<2.0	6.9	1.00	29/08/2017 30/08/2017
17/05/2018	25	277	<0.02	<0.02	<0.02	<2.0	6.9	2.5	29/05/2018 30/05/2018
23/08/2018	29.0	336.3	<0.02	<0.02	<0.02	2.9	6.9	5.2	10/09/2018 11/09/2018
13/11/2018	24.5	295	<0.02	<0.02	<0.02	2.5	7.00	3.3	28/11/2018 29/11/2018
12/02/2019	22	377.3	<0.02	<0.02	<0.02	<2.0	7.0	4.3	19/02/2019 20/02/2019
14/05/2019	24	350	<0.02	<0.02	<0.02	<2.0	7.1	6.7	27/05/2019 28/05/2019
14/08/2019	26	316	<0.02	<0.02	<0.02	<2.0	7.0	4.0	28/08/2019 29/08/2019
12/11/2019	31	394	<0.02	<0.02	<0.02	<2.0	7.0	5.3	26/11/2019 27/11/2019

... Monitoring Point QUI 3: SED DAM continued

Pollutant	Sulphate	
Limits	-	Received/
Date	(mg/L)	Published
15/05/2012	2.6	24/05/2012 29/06/2012
14/08/2012	4.5	29/08/2012 21/10/2012
21/11/2012	6.2	5/12/2012 14/03/2013
20/02/2013	4.2	1/03/2013 14/03/2013
21/05/2013	3.9	30/05/2013 3/06/2013

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20/08/2013	5.2	2/09/2013 3/09/2013
20/11/2013	12	5/12/2013 9/12/2013
19/02/2014	7.1	28/02/2014 6/03/2014
21/05/2014	7.5	29/05/2014 5/06/2014
19/08/2014	7.1	28/08/2014 4/09/2014
18/11/2014	4.5	2/12/2014 4/12/2014
20/11/2014	5.5	4/12/2014 11/12/2014
29/01/2015	5.4	12/02/2015 16/02/2015
17/02/2015	4.9	27/02/2015 2/03/2015
21/05/2015	5.3	29/05/2015 1/06/2015
19/08/2015	5.9	1/09/2015 3/09/2015
18/11/2015	5.8	2/12/2015 17/12/2015
24/02/2016	2.709	8/03/2016 10/03/2016
16/05/2016	2.752	31/05/2016 10/08/2016
23/08/2016	6.264	7/09/2016 15/09/2016
17/11/2016	4.477	29/11/2016 30/11/2016
16/02/2017	4.633	7/03/2017 8/03/2017
15/05/2017	4.345	30/05/2017 31/05/2017
17/08/2017	4.9727	29/08/2017 30/08/2017
17/05/2018	2.3424	29/05/2018 30/05/2018
23/08/2018	4.3438	10/09/2018 11/09/2018
13/11/2018	2.849	28/11/2018 29/11/2018
12/02/2019	1.7955	19/02/2019 20/02/2019
14/05/2019	2.0	27/05/2019 28/05/2019
14/08/2019	3.3	28/08/2019 29/08/2019
12/11/2019	2.7	26/11/2019 27/11/2019

Monitoring Point: QUI1: POND EPA Point:

Pollutant	Chloride	Conductivity	Nitrate	Nitrite	Nitrogen Oxidised	Oil & Grease	pH	Solids Suspended	
Limits	-	-	-	-	-	-	-	-	Received/
Date	(mg/L)	(µScm-1)	(N mg/L)	(N mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	Published
21/05/2015	20	173	<0.02	<0.02	<0.02	<2.0	6.6	4.0	29/05/2015 4/06/2015

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... Monitoring Point QUI1: POND continued

Pollutant	Sulphate	
Limits	-	Received/ Published
Date	(mg/L)	
21/05/2015	5.4	29/05/2015 4/06/2015

