

Environmental Monitoring Data - Central Waste Facility- 2018/2019

EPA monitoring point	Description 1	Description 2	pollutant	unit	no of samples required	no of samples collected	lowest	Mean	highest	2018/2019			
										28 November 2018	27 March 2019	12 June 2019	10 September 2019
1	dust	DM1	particulates	g/m2/month	4	3	0.600	0.800	1.000	0.800	1.000	0.600	
2	dust	DM2	particulates	g/m2/month	4	3	0.200	0.433	0.700	0.200	0.400	0.700	
3	dust	DM3	particulates	g/m2/month	4	3	0.200	0.433	0.700	0.200	0.400	0.700	
4	dust	DM4	particulates	g/m2/month	4	3	0.400	0.967	1.500	1.000	1.500	0.400	
5	surface water	SW1	conductivity	µS/cm	4	3	245.000	678.000	925.000	245.000	925.000	864.000	
5	surface water	SW1	Nitrogen -ammonia	mg/L	4	3	0.000	0.067	0.200	0.200	0.000	0.000	
5	surface water	SW1	pH	pH	4	3	6.720	6.913	7.200	7.200	6.820	6.720	
5	surface water	SW1	Total Suspended Solids	mg/L	4	3	41.000	116.333	157.000	151.000	41.000	157.000	
6	surface water	SW2	conductivity	µS/cm	4	3	188.000	379.000	738.000	188.000	211.000	738.000	
6	surface water	SW2	Nitrogen -ammonia	mg/L	4	3	0.000	0.067	0.200	0.200	0.000	0.000	
6	surface water	SW2	pH	pH	4	3	6.350	6.860	7.250	6.350	6.980	7.250	
6	surface water	SW2	Total Suspended Solids	mg/L	4	3	8.000	85.667	139.000	110.000	8.000	139.000	
7	surface water	SW3	conductivity	µS/cm	4	2	-	-	-	164.000	377.000	DRY	
7	surface water	SW3	Nitrogen -ammonia	mg/L	4	2	-	-	-	0.100	0.100	DRY	
7	surface water	SW3	pH	pH	4	2	-	-	-	5.590	6.630	DRY	
7	surface water	SW3	Total Suspended Solids	mg/L	4	2	-	-	-	425.000	197.000	DRY	
8	surface water	SW4	conductivity	µS/cm	4	3	159.000	334.667	569.000	159.000	276.000	569.000	
8	surface water	SW4	Nitrogen -ammonia	mg/L	4	3	0.000	0.500	1.300	0.200	1.300	0.000	
8	surface water	SW4	pH	pH	4	3	6.480	7.213	7.640	6.480	7.640	7.640	
8	surface water	SW4	Total Suspended Solids	mg/L	4	3	155.000	557.000	765.000	751.000	155.000	765.000	
9	surface water	SW5	conductivity	µS/cm	4	2	-	-	-	DRY	124.000	251.000	
9	surface water	SW5	Nitrogen -ammonia	mg/L	4	2	-	-	-	DRY	0.800	0.200	
9	surface water	SW5	pH	pH	4	2	-	-	-	DRY	7.020	7.410	
9	surface water	SW5	Total Suspended Solids	mg/L	4	2	-	-	-	DRY	1840.000	76.000	
10	surface water	SW6	conductivity	µS/cm	ial Frequency 1	2	124.000	179.000	234.000	DRY	124.000	234.000	
10	surface water	SW6	Nitrogen -ammonia	mg/L	ial Frequency 1	2	0.100	0.450	0.800	DRY	0.800	0.100	
10	surface water	SW6	pH	pH	ial Frequency 1	2	7.020	7.125	7.230	DRY	7.020	7.230	
10	surface water	SW6	Total Suspended Solids	mg/L	ial Frequency 1	2	1840.000	4860.000	7880.000	DRY	1840.000	7880.000	
11	surface water	SW7	conductivity	µS/cm	ial Frequency 1	3	53.000	188.333	329.000	DRY	53.000	183.000	
11	surface water	SW7	Nitrogen -ammonia	mg/L	ial Frequency 1	3	0.000	0.333	1.000	DRY	1.000	0.000	
11	surface water	SW7	pH	pH	ial Frequency 1	3	6.710	7.493	8.090	DRY	6.710	7.680	
11	surface water	SW7	Total Suspended Solids	mg/L	ial Frequency 1	3	32.000	60.333	85.000	DRY	85.000	32.000	
12	ground water	MB1	pH	pH units	4	4	7.640	7.810	7.980	7.980	7.940	7.680	
12	ground water	MB1	Conductivity	µS/cm	4	4	919.000	976.000	1010.000	1010.000	1000.000	975.000	
12	ground water	MB1	Total dissolved solids	mg/L	4	4	597.000	634.750	658.000	658.000	650.000	634.000	
12	ground water	MB1	Chloride	mg/L	4	4	143.000	149.500	155.000	143.000	155.000	152.000	
12	ground water	MB1	Fluoride	mg/L	4	4	2.000	2.025	2.100	2.100	2.000	2.000	
12	ground water	MB1	Sulphate	mg/L	4	4	20.500	20.575	20.800	20.500	20.800	20.500	
12	ground water	MB1	Alkal (CaCO3)	mg/L	4	4	256.000	273.750	293.000	293.000	275.000	271.000	
12	ground water	MB1	Diss. Calcium	mg/L	4	4	81.600	83.750	85.700	84.000	83.700	81.600	
12	ground water	MB1	Diss. Magnesium	mg/L	4	4	18.000	18.350	18.800	18.000	18.300	18.800	
12	ground water	MB1	Diss. Manganese	mg/L	4	4	0.000	0.001	0.004	0.001	0.000	0.004	
12	ground water	MB1	Diss. Potassium	mg/L	4	4	1.700	1.800	1.900	1.800	1.700	1.800	
12	ground water	MB1	Diss. Sodium	mg/L	4	4	93.700	96.600	99.700	93.700	96.300	99.700	
12	ground water	MB1	Aluminium	mg/L	2	2	0.130	0.160	0.190	0.190	0.190	0.130	
12	ground water	MB1	Chromium (total)	mg/L	2	2	0.002	0.003	0.003	0.003	0.003	0.002	
12	ground water	MB1	Zinc	mg/L	2	2	0.070	0.097	0.123	0.070	0.070	0.123	
12	ground water	MB1	Arsenic	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Barium	mg/L	2	2	0.242	0.248	0.253	0.242	0.253	0.242	
12	ground water	MB1	Cadmium	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Cobalt	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Copper	mg/L	2	2	0.004	0.005	0.006	0.004	0.006	0.006	
12	ground water	MB1	Lead	mg/L	2	2	0.001	0.001	0.001	0.001	0.001	0.001	
12	ground water	MB1	Mercury	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Ammonia (asN)	mg/L	4	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	T.Oxid Nit(asN)	mg/L	4	4	0.000	0.215	0.320	0.000	0.320	0.280	
12	ground water	MB1	Depth to water	m	4	2	3.540	3.635	3.730	3.540	3.730	3.540	
12	ground water	MB1	TOC (as NPOC)	mg/L	4	4	2.000	2.750	4.000	2.000	2.000	4.000	
12	ground water	MB1	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	PAHs	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Benzene	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Toluene	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Xylene	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
12	ground water	MB1	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
14	ground water	MB3	pH	pH units	4	4	7.620	7.730	7.840	7.840	7.840	7.620	
14	ground water	MB3	Conductivity	µS/cm	4	4	974.000	1221.000	1610.000	974.000	1040.000	1610.000	
14	ground water	MB3	Total dissolved solids	mg/L	4	4	633.000	794.500	1050.000	633.000	677.000	1050.000	
14	ground water	MB3	Chloride	mg/L	4	4	119.000	213.750	363.000	119.000	147.000	226.000	
14	ground water	MB3	Fluoride	mg/L	4	4	0.950	1.295	1.500	1.500	1.500	0.950	
14	ground water	MB3	Sulphate	mg/L	4	4	22.400	22.975	23.800	22.400	22.700	23.800	
14	ground water	MB3	Alkal (CaCO3)	mg/L	4	4	247.000	265.500	277.000	277.000	262.000	247.000	
14	ground water	MB3	Diss. Calcium	mg/L	4	4	60.500	81.625	112.000	60.500	68.400	85.600	
14	ground water	MB3	Diss. Magnesium	mg/L	4	4	27.600	36.550	50.200	27.600	31.600	36.800	
14	ground water	MB3	Diss. Manganese	mg/L	4	4	0.012	0.072	0.144	0.012	0.053	0.077	
14	ground water	MB3	Diss. Potassium	mg/L	4	4	1.900	2.100	2.300	1.900	2.000	2.300	
14	ground water	MB3	Diss. Sodium	mg/L	4	4	86.200	105.925	130.000	86.200	95.100	110.000	
14	ground water	MB3	Aluminium	mg/L	2	2	0.140	0.160	0.180	0.140	0.140	0.180	
14	ground water	MB3	Chromium (total)	mg/L	2	2	0.001	0.002	0.002	0.001	0.001	0.002	
14	ground water	MB3	Zinc	mg/L	2	2	0.028	0.041	0.054	0.028	0.028	0.054	
14	ground water	MB3	Arsenic	mg/L	2	2	0.000	0.001	0.001	0.000	0.000	0.001	
14	ground water	MB3	Barium	mg/L	2	2	0.024	0.036	0.048	0.024	0.048	0.024	
14	ground water	MB3	Cadmium	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
14	ground water	MB3	Cobalt	mg/L	2	2	0.001	0.001	0.001	0.001	0.001	0.001	
14	ground water	MB3	Copper	mg/L	2	2	0.005	0.006	0.007	0.005	0.005	0.007	
14	ground water	MB3	Lead	mg/L	2	2	0.001	0.001	0.002	0.001	0.001	0.002	
14	ground water	MB3	Mercury	mg/L	2	2	0.000	0.000	0.000	0.000	0.000	0.000	
14	ground water	MB3	Ammonia (asN)	mg/L	4	4	0.000	0.075	0.200	0.200	0.000	0.100	

14	ground water	MB3	T.Oxid Nit(asN)	mg/L	4	4	0.890	7.433	12.900	7.930	12.900	8.010	0.890
14	ground water	MB3	Depth to water	m	4	2	21.900	22.250	22.600	21.900		22.600	
14	ground water	MB3	TOC (as NPOC)	mg/L	4	4	4.000	5.000	7.000	4.000	5.000	4.000	7.000
14	ground water	MB3	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	ground water	MB3	PAHs	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Benzene	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Toluene	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Xylene	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB3	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000				0.000
14	ground water	MB4	pH	pH units	4	4	7.140	7.370	7.530	7.460	7.530	7.140	7.350
15	ground water	MB4	Conductivity	uS/cm	4	4	892.000	1060.500	1140.000	1110.000	892.000	1100.000	1140.000
15	ground water	MB4	Total dissolved solids	mg/L	4	4	580.000	690.750	742.000	723.000	580.000	718.000	742.000
15	ground water	MB4	Chloride	mg/L	4	4	18.300	192.825	363.000	188.000	18.300	202.000	363.000
15	ground water	MB4	Fluoride	mg/L	4	4	0.610	0.678	0.800	0.680	0.800	0.620	0.610
15	ground water	MB4	Sulphate	mg/L	4	4	17.200	18.375	21.000	17.200	21.000	17.600	17.700
15	ground water	MB4	Alkal (CaCO3)	mg/L	4	4	240.000	264.000	296.000	295.000	240.000	266.000	255.000
15	ground water	MB4	Diss. Calcium	mg/L	4	4	63.200	67.950	69.900	63.200	69.900	68.800	69.900
15	ground water	MB4	Diss. Magnesium	mg/L	4	4	22.600	28.175	32.900	27.500	22.600	29.700	32.900
15	ground water	MB4	Diss. Manganese	mg/L	4	4	0.003	0.191	0.455	0.077	0.455	0.228	0.003
15	ground water	MB4	Diss. Potassium	mg/L	4	4	0.600	1.075	2.000	0.600	2.000	0.800	0.900
15	ground water	MB4	Diss. Sodium	mg/L	4	4	85.000	104.750	117.000	104.000	85.000	113.000	117.000
15	ground water	MB4	Aluminium	mg/L	2	2	0.000	0.000	0.000		0.240		0.050
15	ground water	MB4	Chromium (total)	mg/L	2	2	0.002	0.010	0.017		0.017		0.002
15	ground water	MB4	Zinc	mg/L	2	2	0.011	0.029	0.047		0.047		0.011
15	ground water	MB4	Arsenic	mg/L	2	2	0.001	0.002	0.003		0.003		0.001
15	ground water	MB4	Barium	mg/L	2	2	0.024	0.103	0.181		0.181		0.024
15	ground water	MB4	Cadmium	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Cobalt	mg/L	2	2	0.000	0.000	0.005		0.005		0.000
15	ground water	MB4	Copper	mg/L	2	2	0.001	0.003	0.005		0.005		0.001
15	ground water	MB4	Lead	mg/L	2	2	0.002	0.009	0.016		0.016		0.002
15	ground water	MB4	Mercury	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Ammonia (asN)	mg/L	4	4	0.000	0.100	0.400	0.400	0.000	0.000	0.000
15	ground water	MB4	T.Oxid Nit(asN)	mg/L	4	4	0.000	0.153	0.250	0.250	0.000	0.180	0.180
15	ground water	MB4	Depth to water	m	4	2	1.950	1.950	1.950	1.950		1.950	
15	ground water	MB4	TOC (as NPOC)	mg/L	4	4	3.000	4.000	5.000	3.000	4.000	5.000	4.000
15	ground water	MB4	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	ground water	MB4	PAHs	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Benzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Toluene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Xylene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
15	ground water	MB4	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	pH	pH units	4	4	7.100	7.443	7.730	7.730	7.500	7.440	7.100
17	ground water	MB6	Conductivity	uS/cm	4	4	724.000	919.500	1130.000	913.000	1130.000	911.000	724.000
17	ground water	MB6	Total dissolved solids	mg/L	4	4	470.000	597.250	733.000	594.000	733.000	592.000	470.000
17	ground water	MB6	Chloride	mg/L	4	4	120.000	145.250	200.000	120.000	200.000	129.000	132.000
17	ground water	MB6	Fluoride	mg/L	4	4	0.065	0.556	0.770	0.740	0.650	0.770	0.065
17	ground water	MB6	Sulphate	mg/L	4	4	17.500	17.875	18.100	17.800	17.500	18.100	18.100
17	ground water	MB6	Alkal (CaCO3)	mg/L	4	4	177.000	251.500	290.000	290.000	272.000	267.000	177.000
17	ground water	MB6	Diss. Calcium	mg/L	4	4	44.800	62.475	69.500	68.400	69.500	67.200	44.800
17	ground water	MB6	Diss. Magnesium	mg/L	4	4	21.700	24.675	32.400	21.700	32.400	21.800	22.800
17	ground water	MB6	Diss. Manganese	mg/L	4	4	0.000	0.138	0.400	0.000	0.155	0.400	0.001
17	ground water	MB6	Diss. Potassium	mg/L	4	4	0.700	1.175	1.900	0.700	1.900	1.900	1.000
17	ground water	MB6	Diss. Sodium	mg/L	4	4	79.000	92.450	114.000	79.000	114.000	84.500	92.300
17	ground water	MB6	Aluminium	mg/L	2	2	0.280	0.590	0.900		0.280		0.900
17	ground water	MB6	Chromium (total)	mg/L	2	2	0.001	0.002	0.002		0.001		0.002
17	ground water	MB6	Zinc	mg/L	2	2	0.008	0.012	0.015		0.008		0.015
17	ground water	MB6	Arsenic	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Barium	mg/L	2	2	0.025	0.030	0.036		0.025		0.036
17	ground water	MB6	Cadmium	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Cobalt	mg/L	2	2	0.001	0.001	0.002		0.002		0.001
17	ground water	MB6	Copper	mg/L	2	2	0.002	0.002	0.002		0.002		0.002
17	ground water	MB6	Lead	mg/L	2	2	0.001	0.002	0.002		0.001		0.002
17	ground water	MB6	Mercury	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Ammonia (asN)	mg/L	4	4	0.000	0.050	0.200	0.200	0.000	0.000	0.000
17	ground water	MB6	T.Oxid Nit(asN)	mg/L	4	4	0.000	0.370	1.240	0.000	0.240	0.000	1.240
17	ground water	MB6	Depth to water	m	4	2	11.400	11.450	11.500	11.500		11.400	
17	ground water	MB6	TOC (as NPOC)	mg/L	4	4	2.000	3.250	4.000	4.000	3.000	4.000	2.000
17	ground water	MB6	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	ground water	MB6	PAHs	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Benzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Toluene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Xylene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
17	ground water	MB6	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
18	ground water	MB7	pH	pH units	4	4	7.140	7.403	7.870	7.440	7.870	7.140	7.160
18	ground water	MB7	Conductivity	uS/cm	4	4	761.000	782.250	803.000	761.000	803.000	767.000	798.000
18	ground water	MB7	Total dissolved solids	mg/L	4	4	494.000	508.500	522.000	494.000	522.000	499.000	519.000
18	ground water	MB7	Chloride	mg/L	4	4	112.000	121.000	125.000	112.000	123.000	124.000	125.000
18	ground water	MB7	Fluoride	mg/L	4	4	0.630	0.640	0.650	0.640	0.640	0.650	0.630
18	ground water	MB7	Sulphate	mg/L	4	4	18.300	18.575	18.800	18.300	18.800	18.600	18.600
18	ground water	MB7	Alkal (CaCO3)	mg/L	4	4	191.000	204.000	220.000	220.000	205.000	200.000	191.000
18	ground water	MB7	Diss. Calcium	mg/L	4	4	46.400	46.900	47.900	46.400	46.900	46.400	47.900
18	ground water	MB7	Diss. Magnesium	mg/L	4	4	20.000	21.025	22.200	20.000	21.000	20.900	22.200
18	ground water	MB7	Diss. Manganese	mg/L	4	4	0.000	0.001	0.001	0.000	0.001	0.001	0.000
18	ground water	MB7	Diss. Potassium	mg/L	4	4	1.000	1.100	1.200	1.000	1.200	1.100	1.200
18	ground water	MB7	Diss. Sodium	mg/L	4	4	79.000	83.100	87.200	79.000	82.500	83.700	87.200
18	ground water	MB7	Aluminium	mg/L	2	2	0.001	0.031	0.060		0.060		0.001
18	ground water	MB7	Chromium (total)	mg/L	2	2	0.000	0.000	0.000		0.000		0.000

18	ground water	MB7	Zinc	mg/L	2	2	0.006	0.008	0.009		mg/L	0.006		0.009
18	ground water	MB7	Arsenic	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Barium	mg/L	2	2	0.049	0.051	0.054			0.054		0.049
18	ground water	MB7	Cadmium	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Cobalt	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Copper	mg/L	2	2	0.000	0.001	0.001			0.000		0.001
18	ground water	MB7	Lead	mg/L	2	2	0.000	0.001	0.002			0.000		0.002
18	ground water	MB7	Mercury	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Ammonia (asN)	mg/L	4	4	0.000	0.075	0.200	0.200		0.000	0.000	0.100
18	ground water	MB7	T.Oxid Nit(asN)	mg/L	4	4	1.080	1.218	1.340	1.080		1.340	1.210	1.240
18	ground water	MB7	TOC (as NPOC)	mg/L	4	4	3.000	3.500	4.000	3.000		3.000	4.000	4.000
18	ground water	MB7	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000		0.000	0.000	0.000
18	ground water	MB7	PAHs	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Benzene	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Toluene	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Xylene	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
18	ground water	MB7	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000			0.000		0.000
19	ground water	MB8	pH	pH units	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Conductivity	uS/cm	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Total dissolved solids	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Chloride	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Fluoride	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Sulphate	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Alkal.(CaCO3)	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Diss. Calcium	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Diss. Magnesium	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Diss. Manganese	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Diss. Potassium	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Diss. Sodium	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Aluminium	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Chromium (total)	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Zinc	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Arsenic	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Barium	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Cadmium	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Cobalt	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Copper	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Lead	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Mercury	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Ammonia (asN)	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	T.Oxid Nit(asN)	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	TOC (as NPOC)	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Total phenolics	mg/L	4	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	PAHs	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Total petroleum hydrocarbons	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Benzene	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Ethylbenzene	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Toluene	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Xylene	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Organochlorine pesticides	mg/L	2	0	--	--	--	DRY		DRY		DRY
19	ground water	MB8	Organophosphate pesticides	mg/L	2	0	--	--	--	DRY		DRY		DRY
13	ground water	MB9	pH	pH units	4	1	7.060	7.060	7.060		7.060	DRY		DRY
13	ground water	MB9	Conductivity	uS/cm	4	1	638.000	638.000	638.000	638.000		DRY		DRY
13	ground water	MB9	Total dissolved solids	mg/L	4	1	415.000	415.000	415.000	415.000		DRY		DRY
13	ground water	MB9	Chloride	mg/L	4	1	56.600	56.600	56.600	56.600		DRY		DRY
13	ground water	MB9	Fluoride	mg/L	4	1	0.340	0.340	0.340	0.340		DRY		DRY
13	ground water	MB9	Sulphate	mg/L	4	1	113.000	113.000	113.000	113.000		DRY		DRY
13	ground water	MB9	Alkal.(CaCO3)	mg/L	4	1	101.000	101.000	101.000	101.000		DRY		DRY
13	ground water	MB9	Diss. Calcium	mg/L	4	1	34.800	34.800	34.800	34.800		DRY		DRY
13	ground water	MB9	Diss. Magnesium	mg/L	4	1	18.100	18.100	18.100	18.100		DRY		DRY
13	ground water	MB9	Diss. Manganese	mg/L	4	1	0.624	0.624	0.624	0.624		DRY		DRY
13	ground water	MB9	Diss. Potassium	mg/L	44	1	1.100	1.100	1.100	1.100		DRY		DRY
13	ground water	MB9	Diss. Sodium	mg/L	4	1	65.800	65.800	65.800	65.800		DRY		DRY
13	ground water	MB9	Aluminium	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Chromium (total)	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Zinc	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Arsenic	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Barium	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Cadmium	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Cobalt	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Copper	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Lead	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Mercury	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Ammonia (asN)	mg/L	4	1	0.400	0.400	0.400	0.400		DRY		DRY
13	ground water	MB9	T.Oxid Nit(asN)	mg/L	4	1	0.070	0.070	0.070	0.070		DRY		DRY
13	ground water	MB9	Depth to water	mg/L	4	1	6.680	6.680	6.680	6.680		DRY		DRY
13	ground water	MB9	TOC (as NPOC)	mg/L	4	1	7.000	7.000	7.000	7.000		DRY		DRY
13	ground water	MB9	Total phenolics	mg/L	4	1	0.000	0.000	0.000	0.000		DRY		DRY
13	ground water	MB9	PAHs	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Total petroleum hydrocarbons	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Benzene	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Ethylbenzene	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Toluene	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Xylene	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Organochlorine pesticides	mg/L	2	0	--	--	--	--		DRY		DRY
13	ground water	MB9	Organophosphate pesticides	mg/L	2	0	--	--	--	--		DRY		DRY
16	ground water	MB10	pH	pH units	4	4	7.090	7.293	7.660		7.090		7.660	7.280
16	ground water	MB10	Conductivity	uS/cm	4	4	254.000	521.750	708.000	254.000		708.000	595.000	530.000
16	ground water	MB10	Total dissolved solids	mg/L	4	4	165.000	339.000	460.000	165.000		460.000	387.000	344.000
16	ground water	MB10	Chloride	mg/L	4	4	33.800	70.650	104.000	33.800		104.000	76.500	68.300
16	ground water	MB10	Fluoride	mg/L	4	4	0.280	0.518	0.650	0.280		0.650	0.580	0.560
16	ground water	MB10	Sulphate	mg/L	4	4	15.400	26.300	45.300	15.400		45.300	25.900	15.400
16	ground water	MB10	Alkal.(CaCO3)	mg/L	4	4	74.000	134.000	165.000	74.000		134.000	165.000	163.000

16	ground water	MB10	Diss. Calcium	mg/L	4	4	7,300	18,000	26,900	7,300	15,300	22,500	26,900
16	ground water	MB10	Diss. Magnesium	mg/L	4	4	4,350	10,263	13,100	4,350	10,900	12,700	13,100
16	ground water	MB10	Diss. Manganese	mg/L	4	4	0.006	0.235	0.436	0.006	0.064	0.436	0.434
16	ground water	MB10	Diss. Potassium	mg/L	4	4	0.500	0.750	0.900	0.500	0.800	0.900	0.800
16	ground water	MB10	Diss. Sodium	mg/L	4	4	35,900	78,700	126,000	35,900	126,000	81,900	71,000
16	ground water	MB10	Aluminium	mg/L	2	2	2,590	2,610	2,630		2,630		2,590
16	ground water	MB10	Chromium (total)	mg/L	2	2	0.003	0.004	0.004		0.003		0.004
16	ground water	MB10	Zinc	mg/L	2	2	0.037	0.049	0.060		0.060		0.037
16	ground water	MB10	Arsenic	mg/L	2	2	0.001	0.002	0.002		0.001		0.002
16	ground water	MB10	Barium	mg/L	2	2	0.033	0.037	0.041		0.033		0.041
16	ground water	MB10	Cadmium	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Cobalt	mg/L	2	2	0.002	0.002	0.002		0.002		0.002
16	ground water	MB10	Copper	mg/L	2	2	0.008	0.010	0.011		0.011		0.008
16	ground water	MB10	Lead	mg/L	2	2	0.003	0.003	0.004		0.003		0.004
16	ground water	MB10	Mercury	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Ammonia (asN)	mg/L	4	4	0.000	0.050	0.200	0.200	0.000	0.000	0.000
16	ground water	MB10	T.Oxid Nit(asN)	mg/L	4	4	0.050	0.120	0.230	0.230	0.150	0.050	0.050
16	ground water	MB10	Depth to water	mg/L	4	2	6,510	6,805	7,100	6,510		7,100	
16	ground water	MB10	TOC (as NPOC)	mg/L	4	4	4,000	8,000	15,000	5,000	15,000	8,000	4,000
16	ground water	MB10	Total phenolics	mg/L	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	ground water	MB10	PAHs	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Total petroleum hydrocarbons	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Benzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Ethylbenzene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Toluene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Xylene	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Organochlorine pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
16	ground water	MB10	Organophosphate pesticides	mg/L	2	2	0.000	0.000	0.000		0.000		0.000
34	Leachate Pond	LP02	pH	pH units	1	4	8.120	8.925	9.450	8.120	9.450	9.040	9.090
34	Leachate Pond	LP02	Conductivity	uS/cm	1	4	161,000	194,000	236,000	213,000	161,000	166,000	236,000
34	Leachate Pond	LP02	Total dissolved solids	mg/L	1	4	102,000	125,000	139,000	139,000	102,000	120,000	139,000
34	Leachate Pond	LP02	Chloride	mg/L	1	4	26,300	30,775	35,000	33,700	26,300	28,100	35,000
34	Leachate Pond	LP02	Fluoride	mg/L	1	4	0.110	0.120	0.130	0.130	0.120	0.110	0.120
34	Leachate Pond	LP02	Sulphate	mg/L	1	4	13,300	14,725	18,400	13,600	18,400	13,300	13,600
34	Leachate Pond	LP02	Alkal (CaCO3)	mg/L	1	4	42,000	52,500	62,000	54,000	42,000	52,000	62,000
34	Leachate Pond	LP02	Diss. Calcium	mg/L	1	4	3,400	4,258	5,000	5,000	3,400	4,200	4,430
34	Leachate Pond	LP02	Diss. Magnesium	mg/L	1	4	2,860	3,915	4,970	3,700	2,860	4,130	4,970
34	Leachate Pond	LP02	Diss. Manganese	mg/L	1	4	0.005	0.007	0.010	0.006	0.010	0.005	0.006
34	Leachate Pond	LP02	Diss. Potassium	mg/L	1	4	4,900	6,025	7,800	5,800	4,900	5,600	7,800
34	Leachate Pond	LP02	Diss. Sodium	mg/L	1	4	18,800	24,075	29,600	26,500	18,800	21,400	29,600
34	Leachate Pond	LP02	Aluminium	mg/L	1	4	0.040	0.143	0.300	0.300	0.180	0.050	0.040
34	Leachate Pond	LP02	Chromium (total)	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Zinc	mg/L	1	4	0.000	0.002	0.006	0.000	0.000	0.006	0.000
34	Leachate Pond	LP02	Arsenic	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Barium	mg/L	1	4	0.001	0.015	0.032	0.032	0.001	0.014	0.012
34	Leachate Pond	LP02	Cadmium	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Cobalt	mg/L	1	4	0.000	0.001	0.003	0.003	0.000	0.000	0.000
34	Leachate Pond	LP02	Copper	mg/L	1	4	0.000	0.001	0.003	0.000	0.003	0.000	0.000
34	Leachate Pond	LP02	Lead	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Mercury	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Ammonia (asN)	mg/L	1	4	0.000	0.705	2,600	0.200	2,600	0.000	0.020
34	Leachate Pond	LP02	T.Oxid Nit(asN)	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Depth to water	mg/L	1	0	0.000	#DIV/0!	0.000				
34	Leachate Pond	LP02	TOC (as NPOC)	mg/L	1	4	10,000	23,000	62,000	10,000	10,000	10,000	62,000
34	Leachate Pond	LP02	Total phenolics	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	PAHs	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Total petroleum hydrocarbons	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Benzene	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Ethylbenzene	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Toluene	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Xylene	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Organochlorine pesticides	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	Leachate Pond	LP02	Organophosphate pesticides	mg/L	1	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23	surface gas	CELL 1	Methane	% per volume	0	0	-	-	-	-	-	-	-