

EPA Monitoring Data - Central Waste Facility 2016

EPA monitoring point	Description 1	Description 2	Pollutant	Unit	No of samples		Lowest	Mean	Highest	23 November 2015	16 February 2016	16 May 2016	23 August 2016
					required	collected							
1	dust	DM1	particulates	g/m2/month	4	4	0.60	5.13	10.50	3.30	6.10	10.50	0.60
2	dust	DM2	particulates	g/m2/month	4	4	0.70	1.70	3.30	3.30	2.00	0.80	0.70
3	dust	DM3	particulates	g/m2/month	4	4	1.70	3.93	9.70	9.70	1.90	2.40	1.70
4	dust	DM4	particulates	g/m2/month	4	4	0.80	1.88	2.80	2.80	0.80	1.70	2.20
5	surface water	SW1	conductivity	µS/cm	4	3	320.00	427.67	597.00	320.00	366.00		597.00
5	surface water	SW1	Nitrogen - ammonia	mg/L	4	3	0.00	0.00	0.00	0.00	0.00		0.00
5	surface water	SW1	pH	pH	4	3	7.08	7.49	7.82	7.82	7.08		7.58
5	surface water	SW1	Total Suspended Solids	mg/L	4	3	3.00	3.67	4.00	4.00	4.00		3.00
6	surface water	SW2	conductivity	µS/cm	4	3	177.00	274.33	430.00	216.00	177.00		430.00
6	surface water	SW2	Nitrogen - ammonia	mg/L	4	3	0.00	0.00	0.00	0.00	0.00		0.00
6	surface water	SW2	pH	pH	4	3	6.93	7.23	7.53	6.93	7.23		7.53
6	surface water	SW2	Total Suspended Solids	mg/L	4	3	5.00	28.33	61.00	61.00	5.00		19.00
7	surface water	SW3	conductivity	µS/cm	4	3	115.00	124.33	140.00	118.00	115.00		140.00
7	surface water	SW3	Nitrogen - ammonia	mg/L	4	3	0.00	0.00	0.00	0.00	0.00		0.00
7	surface water	SW3	pH	pH	4	3	7.29	7.30	7.32	7.32	7.29		7.30
7	surface water	SW3	Total Suspended Solids	mg/L	4	3	18.00	59.33	123.00	18.00	123.00		37.00
8	surface water	SW4	conductivity	µS/cm	4	4	465.00	506.75	537.00	465.00	519.00	537.00	506.00
8	surface water	SW4	Nitrogen - ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	surface water	SW4	pH	pH	4	4	7.96	8.11	8.26	7.96	7.97	8.26	8.25
8	surface water	SW4	Total Suspended Solids	mg/L	4	4	2.00	6.75	14.00	7.00	4.00	2.00	14.00
9	surface water	SW5	conductivity	µS/cm	4	1	445.00	445.00	445.00				445.00
9	surface water	SW5	Nitrogen - ammonia	mg/L	4	1	0.00	0.00	0.00				0.00
9	surface water	SW5	pH	pH	4	1	6.62	6.62	6.62				6.62
9	surface water	SW5	Total Suspended Solids	mg/L	4	1	11500.00	11500.00	11500.00				11500.00
10	surface water	SW6	conductivity	µS/cm	Special Frequency 1	4	120.00	184.50	211.00	211.00	120.00	207.00	200.00
10	surface water	SW6	Nitrogen - ammonia	mg/L	Special Frequency 1	4	0.00	0.15	0.40	0.00	0.20	0.40	0.00
10	surface water	SW6	pH	pH	Special Frequency 1	4	7.23	7.55	7.79	7.68	7.23	7.79	7.48
10	surface water	SW6	Total Suspended Solids	mg/L	Special Frequency 1	4	42.00	135.75	351.00	42.00	351.00	57.00	93.00
11	surface water	SW7	conductivity	µS/cm	Special Frequency 1	4	52.00	113.50	183.00	89.00	52.00	130.00	183.00
11	surface water	SW7	Nitrogen - ammonia	mg/L	Special Frequency 1	4	0.00	0.03	0.10	0.00	0.00	0.10	0.00
11	surface water	SW7	pH	pH	Special Frequency 1	4	7.34	7.53	7.73	7.67	7.37	7.73	7.34
11	surface water	SW7	Total Suspended Solids	mg/L	Special Frequency 1	4	11.00	16.25	29.00	13.00	12.00	11.00	29.00
12	ground water	MB1	Alkalinity (as calcium carbonate)	mg/L	4	4	260.00	264.00	267.00	260.00	265.00	264.00	267.00
12	ground water	MB1	Aluminium	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Arsenic	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Barium	mg/L	2	2	0.22	0.23	0.25		0.22		0.25
12	ground water	MB1	Benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Cadmium	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Calcium	mg/L	4	4	78.60	84.13	88.00	84.50	85.40	88.00	78.60
12	ground water	MB1	Chloride	mg/L	4	4	148.00	162.00	180.00	166.00	180.00	154.00	148.00
12	ground water	MB1	Chromium (total)	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Cobalt	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Conductivity	µS/cm	4	4	957.00	996.75	1020.00	1020.00	1000.00	1010.00	957.00
12	ground water	MB1	Copper	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Fluoride	mg/L	4	4	1.90	2.13	2.40	1.90	2.40	2.10	2.10
12	ground water	MB1	Lead	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Magnesium	mg/L	4	4	16.30	17.43	18.40	17.40	17.60	18.40	16.30
12	ground water	MB1	Manganese	mg/L	4	4	0.00	0.04	0.13	0.02	0.00	0.00	0.13
12	ground water	MB1	Mercury	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	ground water	MB1	Nitrogen - ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	ground water	MB1	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	pH	pH	4	4	7.38	7.57	7.73	7.53	7.38	7.63	7.73
12	ground water	MB1	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Potassium	mg/L	4	4	1.40	1.55	1.70	1.50	1.60	1.70	1.40
12	ground water	MB1	Sodium	mg/L	4	4	72.80	83.95	95.60	78.40	89.00	95.60	72.80
12	ground water	MB1	Sulfate	mg/L	4	4	9.20	10.05	11.00	10.30	11.00	9.70	9.20

12	ground water	MB1	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Total dissolved solids	mg/L	2	4	622.00	649.25	666.00	666.00	653.00	656.00	622.00
12	ground water	MB1	Total organic carbon	mg/L	4	4	3.00	3.25	4.00	3.00	3.00	3.00	4.00
12	ground water	MB1	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	ground water	MB1	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
12	ground water	MB1	Zinc	mg/L	2	2	0.01	0.01	0.01		0.01		0.01
13	ground water	MB2	Alkalinity (as calcium carbonate)	mg/L	4	4	194.00	210.00	225.00	194.00	225.00	220.00	201.00
13	ground water	MB2	Aluminium	mg/L	2	2	0.00	5350.00	10700.00		0.00		10700.00
13	ground water	MB2	Arsenic	mg/L	2	2	0.00	5.00	10.00		0.00		10.00
13	ground water	MB2	Barium	mg/L	2	2	0.02	0.05	0.09		0.02		0.09
13	ground water	MB2	Benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Cadmimum	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Calcium	mg/L	4	4	14.50	39.83	51.70	43.00	50.10	51.70	14.50
13	ground water	MB2	Chloride	mg/L	4	4	77.50	85.13	95.20	89.70	95.20	78.10	77.50
13	ground water	MB2	Chromium (total)	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Cobalt	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Conductivity	µS/cm	4	4	654.00	687.75	715.00	678.00	715.00	704.00	654.00
13	ground water	MB2	Copper	mg/L	2	2	0.00	0.01	0.02		0.00		0.02
13	ground water	MB2	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Fluoride	mg/L	4	4	0.00	0.80	1.20	0.90	1.20	1.10	0.00
13	ground water	MB2	Lead	mg/L	2	2	0.00	0.00	0.01		0.00		0.01
13	ground water	MB2	Magnesium	mg/L	4	4	13.90	17.23	24.20	13.90	15.20	15.60	24.20
13	ground water	MB2	Manganese	mg/L	4	4	0.00	0.05	0.08	0.00	0.08	0.06	0.04
13	ground water	MB2	Mercury	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	0.00	0.22	0.58	0.58	0.07	0.00	0.24
13	ground water	MB2	Nitrogen -ammonia	mg/L	4	4	0.00	2.50	10.00	0.00	0.00	0.00	10.00
13	ground water	MB2	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	pH	pH	4	4	7.29	7.37	7.55	7.29	7.30	7.55	7.32
13	ground water	MB2	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Potassium	mg/L	4	4	1.10	8.58	30.20	1.10	1.40	1.60	30.20
13	ground water	MB2	Sodium	mg/L	4	4	59.70	90.30	159.00	59.70	67.40	75.10	159.00
13	ground water	MB2	Sulfate	mg/L	4	4	8.80	9.30	10.00	9.50	10.00	8.80	8.90
13	ground water	MB2	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Total dissolved solids	mg/L	2	4	425.00	447.25	465.00	441.00	465.00	458.00	425.00
13	ground water	MB2	Total organic carbon	mg/L	4	4	2.00	2.50	3.00	3.00	2.00	2.00	3.00
13	ground water	MB2	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	ground water	MB2	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
13	ground water	MB2	Zinc	mg/L	2	2	0.00	0.01	0.03		0.00		0.03
14	ground water	MB3	Alkalinity (as calcium carbonate)	mg/L	4	4	285.00	294.00	313.00	285.00	289.00	289.00	313.00
14	ground water	MB3	Aluminium	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Arsenic	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Barium	mg/L	2	2	0.00	0.02	0.05	0.00	0.03	0.00	0.05
14	ground water	MB3	Benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Cadmimum	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Calcium	mg/L	4	4	68.60	72.30	77.70	70.40	68.60	72.50	77.70
14	ground water	MB3	Chloride	mg/L	4	4	164.00	174.50	189.00	169.00	176.00	164.00	189.00
14	ground water	MB3	Chromium (total)	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Cobalt	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Conductivity	µS/cm	4	4	1050.00	1107.50	1210.00	1100.00	1050.00	1070.00	1210.00
14	ground water	MB3	Copper	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Fluoride	mg/L	4	4	0.80	0.93	1.00	0.80	1.00	1.00	0.90
14	ground water	MB3	Lead	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Magnesium	mg/L	4	4	30.90	32.78	34.80	32.40	30.90	33.00	34.80
14	ground water	MB3	Manganese	mg/L	4	4	0.00	0.04	0.09	0.00	0.00	0.07	0.09
14	ground water	MB3	Mercury	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	0.12	0.99	1.73	1.73	1.33	0.77	0.12
14	ground water	MB3	Nitrogen -ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00

14	ground water	MB3	pH	pH	4	4	7.33	7.50	7.73	7.39	7.33	7.54	7.73
14	ground water	MB3	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
14	ground water	MB3	Potassium	mg/L	4	4	1.90	2.00	2.10	1.90	2.00	2.10	2.00
14	ground water	MB3	Sodium	mg/L	4	4	84.60	92.60	103.00	84.60	93.50	103.00	89.30
14	ground water	MB3	Sulfate	mg/L	4	4	12.10	13.00	14.00	13.00	14.00	12.10	12.90
14	ground water	MB3	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
14	ground water	MB3	Total dissolved solids	mg/L	2	4	681.00	720.00	789.00	712.00	681.00	698.00	789.00
14	ground water	MB3	Total organic carbon	mg/L	4	4	5.00	5.75	6.00	6.00	6.00	5.00	6.00
14	ground water	MB3	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
14	ground water	MB3	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ground water	MB3	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
14	ground water	MB3	Zinc	mg/L	2	2	0.01	0.02	0.02		0.02		0.01
15	ground water	MB4	Alkalinity (as calcium carbonate)	mg/L	4	4	246.00	249.75	253.00	246.00	253.00	250.00	250.00
15	ground water	MB4	Aluminium	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Arsenic	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Barium	mg/L	2	2	0.00	0.01	0.02	0.00	0.02	0.00	0.02
15	ground water	MB4	Benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Cadmimum	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Calcium	mg/L	4	4	67.60	70.15	72.70	70.20	70.10	72.70	67.60
15	ground water	MB4	Chloride	mg/L	4	4	207.00	225.00	250.00	226.00	250.00	217.00	207.00
15	ground water	MB4	Chromium (total)	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Cobalt	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Conductivity	µS/cm	4	4	1140.00	1155.00	1180.00	1180.00	1160.00	1140.00	1140.00
15	ground water	MB4	Copper	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Fluoride	mg/L	4	4	0.50	0.58	0.70	0.50	0.70	0.50	0.60
15	ground water	MB4	Lead	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Magnesium	mg/L	4	4	29.60	31.08	32.60	31.00	31.10	32.60	29.60
15	ground water	MB4	Manganese	mg/L	4	4	0.01	0.13	0.18	0.16	0.16	0.18	0.01
15	ground water	MB4	Mercury	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	0.15	0.18	0.22	0.16	0.18	0.15	0.22
15	ground water	MB4	Nitrogen - ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
15	ground water	MB4	pH	pH	4	4	7.10	7.23	7.41	7.10	7.11	7.30	7.41
15	ground water	MB4	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
15	ground water	MB4	Potassium	mg/L	4	4	0.70	0.75	0.80	0.70	0.70	0.80	0.80
15	ground water	MB4	Sodium	mg/L	4	4	88.90	100.20	114.00	92.90	105.00	114.00	88.90
15	ground water	MB4	Sulfate	mg/L	4	4	5.40	6.35	7.70	5.90	6.40	5.40	7.70
15	ground water	MB4	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
15	ground water	MB4	Total dissolved solids	mg/L	2	4	740.00	750.00	764.00	764.00	751.00	745.00	740.00
15	ground water	MB4	Total organic carbon	mg/L	4	4	2.00	3.25	4.00	4.00	2.00	3.00	4.00
15	ground water	MB4	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
15	ground water	MB4	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	ground water	MB4	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
15	ground water	MB4	Zinc	mg/L	2	2	0.00	0.01	0.01		0.00		0.01
16	ground water	MB5	Alkalinity (as calcium carbonate)	mg/L	4	4	246.00	249.75	253.00	246.00	253.00	250.00	250.00
16	ground water	MB5	Aluminium	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Arsenic	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Barium	mg/L	2	2	0.02	0.02	0.02		0.02		0.02
16	ground water	MB5	Benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Cadmimum	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Calcium	mg/L	4	4	67.60	70.15	72.70	70.20	70.10	72.70	67.60
16	ground water	MB5	Chloride	mg/L	4	4	207.00	225.00	250.00	226.00	250.00	217.00	207.00
16	ground water	MB5	Chromium (total)	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Cobalt	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Conductivity	µS/cm	4	4	1140.00	1155.00	1180.00	1180.00	1160.00	1140.00	1140.00
16	ground water	MB5	Copper	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Fluoride	mg/L	4	4	0.50	0.58	0.70	0.50	0.70	0.50	0.60
16	ground water	MB5	Lead	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Magnesium	mg/L	4	4	29.60	31.08	32.60	31.00	31.10	32.60	29.60
16	ground water	MB5	Manganese	mg/L	4	4	0.01	0.13	0.18	0.16	0.16	0.18	0.01

16	ground water	MB5	Mercury	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	ground water	MB5	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	0.83	0.87	0.92	0.92	0.88	0.85	0.83
16	ground water	MB5	Nitrogen -ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	ground water	MB5	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	ground water	MB5	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	pH	pH	4	4	7.06	7.18	7.37	7.06	7.06	7.37	7.22
16	ground water	MB5	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Potassium	mg/L	4	4	0.70	0.73	0.80		0.70	0.80	0.70
16	ground water	MB5	Sodium	mg/L	4	4	59.20	66.93	77.40	61.50	69.60	77.40	59.20
16	ground water	MB5	Sulfate	mg/L	4	4	8.90	9.58	10.20	10.00	10.20	8.90	9.20
16	ground water	MB5	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Total dissolved solids	mg/L	2	4	410.00	428.25	442.00	439.00	422.00	442.00	410.00
16	ground water	MB5	Total organic carbon	mg/L	4	4	2.00	2.75	3.00	3.00	2.00	3.00	3.00
16	ground water	MB5	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	ground water	MB5	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
16	ground water	MB5	Zinc	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	Alkalinity (as calcium carbonate)	mg/L	4	4	178.00	180.00	183.00	183.00	178.00	179.00	180.00
17	ground water	MB6	Aluminium	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Arsenic	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Barium	mg/L	2	2	0.00	0.01	0.03	0.00	0.03	0.00	0.03
17	ground water	MB6	Benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Cadmimum	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Calcium	mg/L	4	4	39.60	43.85	48.40	48.40	43.00	44.40	39.60
17	ground water	MB6	Chloride	mg/L	4	4	125.00	141.75	161.00	151.00	161.00	130.00	125.00
17	ground water	MB6	Chromium (total)	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Cobalt	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Conductivity	µS/cm	4	4	749.00	797.50	843.00	843.00	796.00	802.00	749.00
17	ground water	MB6	Copper	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Ethyl benzene	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Fluoride	mg/L	4	4	0.50	0.63	0.70	0.50	0.70	0.60	0.70
17	ground water	MB6	Lead	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Magnesium	mg/L	4	4	19.80	20.90	21.80	21.00	21.00	21.80	19.80
17	ground water	MB6	Manganese	mg/L	4	4	0.00	0.26	1.00	0.02	1.00	0.00	0.00
17	ground water	MB6	Mercury	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Nitrate + nitrite (oxidised nitrogen)	mg/L	4	4	1.02	1.11	1.15	1.02	1.13	1.15	1.14
17	ground water	MB6	Nitrogen -ammonia	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Organochlorine pesticides	mg/L	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Organophosphate pesticides	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	pH	pH	4	4	6.89	7.08	7.19	7.08	6.89	7.19	7.17
17	ground water	MB6	Polycyclic aromatic hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	Potassium	mg/L	4	4	1.00	1.08	1.20	1.20	1.00	1.10	1.00
17	ground water	MB6	Sodium	mg/L	4	4	66.60	74.38	84.90	68.90	77.10	84.90	66.60
17	ground water	MB6	Sulfate	mg/L	4	4	6.20	6.83	7.30	7.20	7.30	6.20	6.60
17	ground water	MB6	Toulene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	Total dissolved solids	mg/L	2	4	487.00	518.50	548.00	548.00	517.00	522.00	487.00
17	ground water	MB6	Total organic carbon	mg/L	4	4	3.00	3.50	4.00	3.00	4.00	4.00	3.00
17	ground water	MB6	Total petroleum hydrocarbons	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	Total phenolics	mg/L	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	ground water	MB6	Xylene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
17	ground water	MB6	Zinc	mg/L	2	2	0.01	0.01	0.01		0.01		0.01
18	ground water	MB7	Alkalinity (as calcium carbonate)	mg/L	4	4	179.00	187.25	196.00	179.00	186.00	188.00	196.00
18	ground water	MB7	Aluminium	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Arsenic	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Barium	mg/L	2	2	0.05	0.05	0.05		0.05		0.05
18	ground water	MB7	Benzene	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Cadmimum	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Calcium	mg/L	4	4	46.00	47.35	49.20	46.00	47.70	49.20	46.50
18	ground water	MB7	Chloride	mg/L	4	4	129.00	144.00	160.00	151.00	160.00	136.00	129.00
18	ground water	MB7	Chromium (total)	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Cobalt	mg/L	2	2	0.00	0.00	0.00		0.00		0.00
18	ground water	MB7	Conductivity	µS/cm	4	4	796.00	818.25	829.00	829.00	822.00	826.00	796.00
18	ground water	MB7	Copper	mg/L	2	2	0.00	0.00	0.00		0.00		0.00

