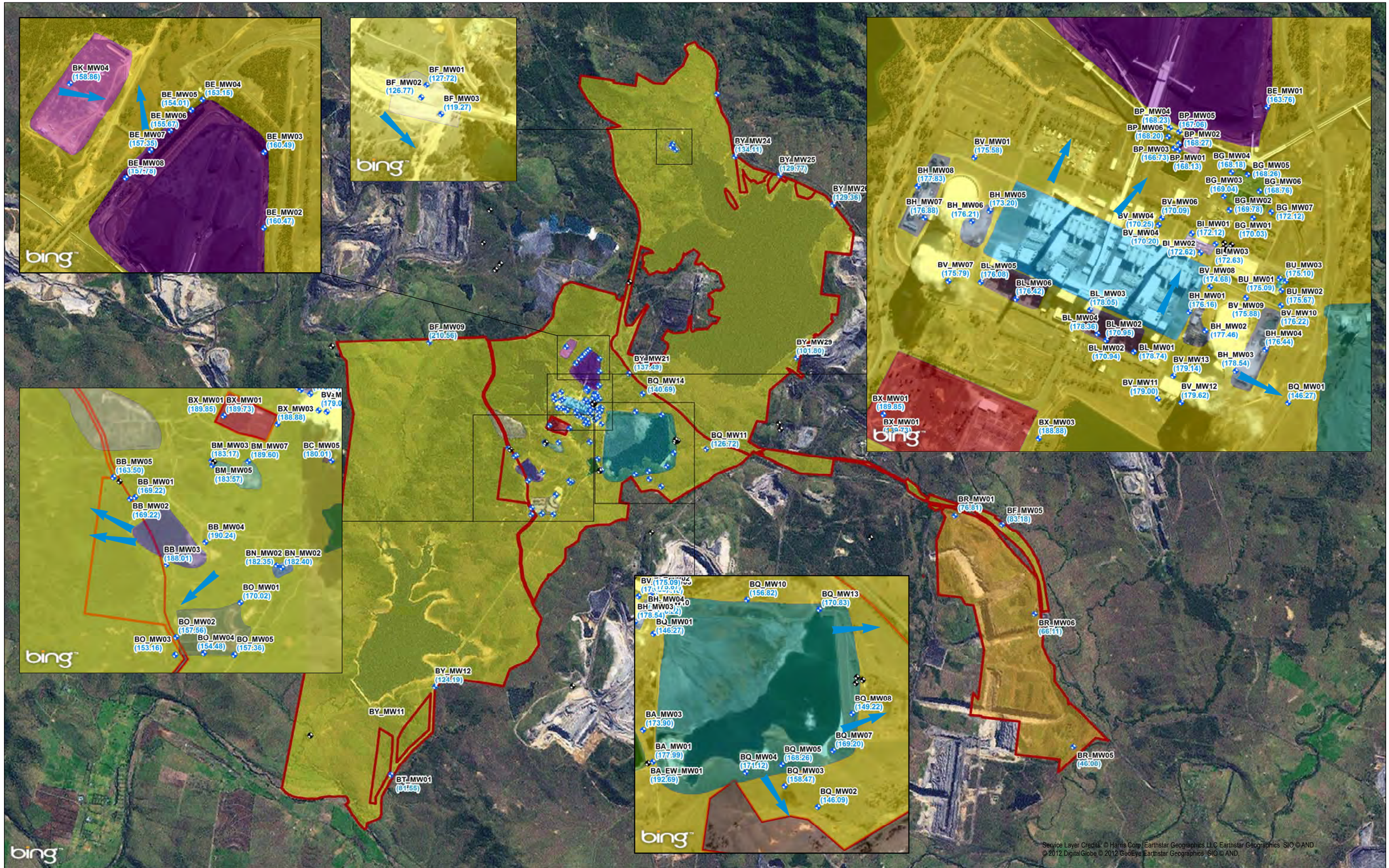

Legend

- Site Boundary
- Existing Monitoring Well
- Monitoring Well
- Inferred Groundwater Flow Direction
- (170.20) Corrected Groundwater Elevation (m AHD)

AECs:

- BA - Brine Concentrator Holding Pond
- BB - Brine Concentrator Decant Basin
- BC - Fuel Oil Installation
- BD - Vehicle Refuelling
- BE - Coal Storage Area
- BF- Coal Unloaders, Rail Infrustructure & Coal Transfer Lines
- BG - Contaminated Water Treatment Plant
- BH - Cooling Water Treatment Plants
- BI - Demineraliser Plant
- BJ - Former Contractor Staging Area
- BK - Former Large Items Assembly Area
- BL - Transformer Area
- BM - Landfill
- BN - Lime Softening Plant
- BO - Lime Softening Plant Sludge Lagoons
- BP - Mobile Plant Workshop and Refuelling
- BQ - Pikes Gully Ash Dam
- BR - Ravensworth Rehabilitation Area
- BS - Low Pressure Pumping Station
- BT - High Pressure Pumping Station
- BU - Main Store – Dangerous Goods Storage Area
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BX - TransGrid Switchyard
- BY - Buffer Lands

0 0.5 1 1.5km

N

Client:	Macquarie Generation		
Drawing No:	0224193s_B_ESA_G031_R0.mxd		
Date:	31/01/2014	Drawing Size: A3	
Drawn By:	GC	Reviewed By: JF	

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Figure 5 - Groundwater Elevations and Estimated Flow Direction

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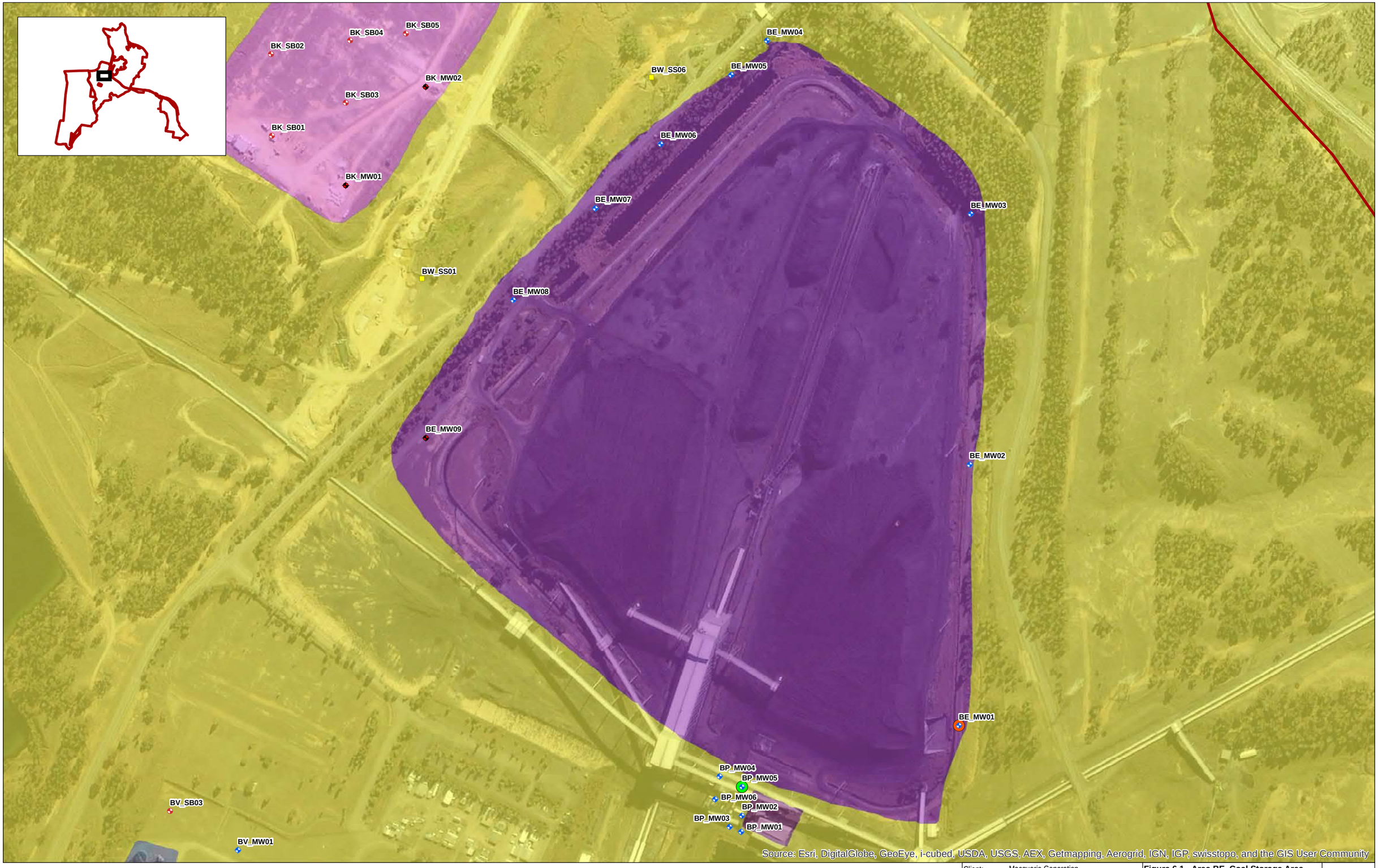

Legend

- Site Boundary
- Monitoring Well
- Monitoring Well Not Installed
- Soil Bore
- Sediment Sample

AECs:

- BE - Coal Storage
- BH - Cooling Water Treatment Plants
- BK - Former Large Items Assembly Area
- BP - Mobile Plant Workshop and Refuelling
- BW - Surrounding Waterways and Lake Liddell
- BY - Buffer Lands
- Soil - Organic Exceedances
- Soil - Inorganic Exceedances

0 25 50 75m

N

Client:	Macquarie Generation	
Drawing No:	0224193s_B_ESA_G013_R0.mxd	
Date:	31/01/2014	Drawing Size: A3
Drawn By:	GC	Reviewed By: HC

Figure 6.1 - Area BE, Coal Storage Area Soil Exceedances

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Stage 2 - Environmental Site Assessment

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ERM

BV_SB09

BI_MW01

BD_EW_MW04

BI_MW03

BD_EW_MW03

BD_EW_MW02

BD_EW_MW01

BI_MW02

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Site Boundary
- Existing Monitoring Well
- Monitoring Well
- Soil Bore

AECs:

- BD - Vehicle Refuelling
- BI - Demineraliser Plant
- BV - Power Block
- BY - Buffer Lands

- Soil - Inorganic Exceedances

0 5 10 15m

N

Client:	Macquarie Generation		
Drawing No:	0224193s_B_ESA_G014_R0.mxd		
Date:	31/01/2014	Drawing Size: A3	
Drawn By:	GC	Reviewed By: HC	

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Figure 6.2 - Area BI, Demineraliser Plant Soil Exceedances

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ERM

Legend

- Site Boundary
- Monitoring Well Not
- Soil Bore

AECs:

- BJ - Former Contractor Staging Area
- BY - Buffer Lands
- Soil - Inorganic Exceedances

0 20 40 60m

N

Client:	Macquarie Generation		**Figure 6.3 - Area BJ, Former Contractor Staging Area Soil Exceedances**
Drawing No:	0224193s_B_ESA_G015_R0.mxd		
Date:	31/01/2014	Drawing Size: A3	Project Symphony - Bayswater
Drawn By:	GC	Reviewed By: HC	Stage 2 - Environmental Site Assessment

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ERM

Legend

- Site Boundary
- Monitoring Well
- Monitoring Well Not Installed

AECs:

- BN - Lime Softening Plant
- BY - Buffer Lands
- Soil - Organic Exceedances

0 10 20 30m

N

Client:	Macquarie Generation	
Drawing No:	0224193s_B_ESA_G016_R0.mxd	
Date:	31/01/2014	Drawing Size: A3
Drawn By:	GC	Reviewed By: HC

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Figure 6.4 - Area BN, Lime Softening Plant Soil Exceedances

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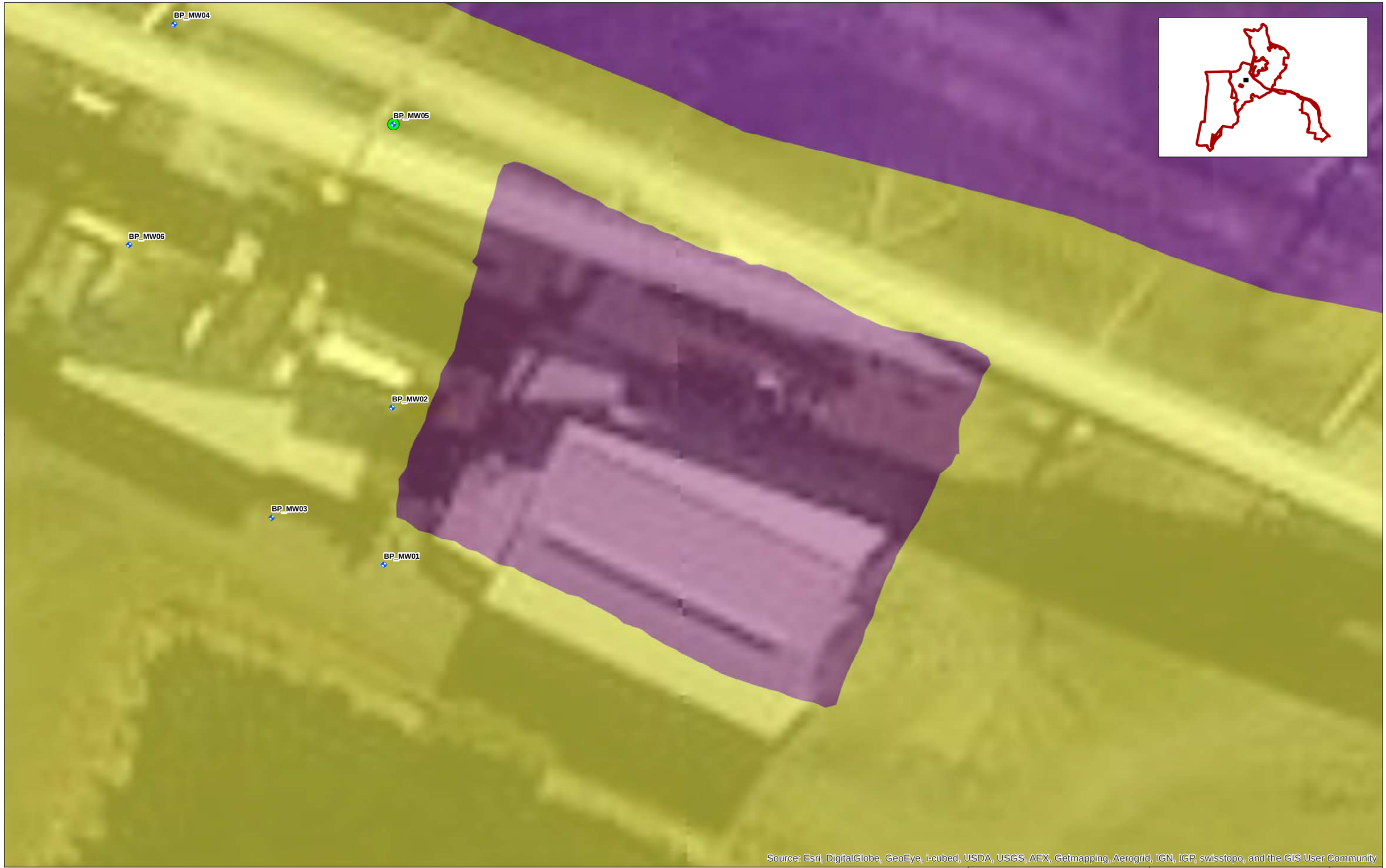
ERM



Legend

- Site Boundary
- Monitoring Well
- AECs:
  - BE - Coal Storage Area
  - BP - Mobile Plant Workshop and Refuelling
  - BY - Buffer Lands
- Soil - Organic Exceedances

0 5 10 15m

N

Client:	Macquarie Generation		**Figure 6.5 - Area BP, Mobile Plant Workshop and Refuelling Area Soil Exceedances**
Drawing No:	0224193s_B_ESA_G017_R0.mxd		Project Symphony - Bayswater
Date:	31/01/2014	Drawing Size: A3	Stage 2 - Environmental Site Assessment
Drawn By:	GC	Reviewed By: HC	Environmental Resources Management ANZ

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ERM

Legend

- Site Boundary
- Existing Monitoring Well
- Monitoring Well
- Monitoring Well Not Installed
- Soil Bore
- Sediment Sample
- Surface Soil Sample (Beneath Asbestos Pipeline)
- Surface Soil Sample (Asbestos Visually Identified)

AECs:

- BA - Brine Concentrator Holding Pond
- BC - Fuel Oil Installation
- BH - Cooling Water Treatment Plants
- BL - Transformer
- BQ - Pikes Gully Ash
- BU - Main Store – Dangerous Goods Storage Area
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BY - Buffer Lands
- Soil - Inorganic Exceedances

0 50 100 150m

N

Client:	Macquarie Generation		
Drawing No:	0224193s_B_ESA_G018_R0.mxd		
Date:	31/01/2014	Drawing Size: A3	
Drawn By:	GC	Reviewed By: HC	

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Figure 6.6 - Area BQ, Pikes Gully Ash Dam Soil Exceedances

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ERM

Legend

- Site Boundary
- Existing Monitoring Well
- Sediment Sample

AECs:

- BD - Vehicle Refuelling
- BE - Coal Storage
- BG - Contaminated Water Treatment Plant
- BH - Cooling Water Treatment Plants
- BI - Demineraliser Plant
- BJ - Former Contractor Staging Area
- BK - Former Large Items Assembly Area
- BL - Transformer
- BP - Mobile Plant Workshop and Refuelling
- BQ - Pikes Gully Ash
- BU - Main Store – Dangerous Goods Storage Area
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BX - TransGrid Switchyard
- BY - Buffer Lands
- Sediment - Inorganic Exceedances
- Sediment - Organic Exceedances

0 100 200 300m

N

Client:	Macquarie Generation		**Figure 6.7a - Area BW, Sediments in Surrounding Waterways and Lake Liddell Exceedances**
Drawing No:	0224193s_B_ESA_G019_R0.mxd		Project Symphony - Bayswater
Date:	31/01/2014	Drawing Size: A3	Stage 2 - Environmental Site Assessment
Drawn By:	GC	Reviewed By: HC	Environmental Resources Management ANZ

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ERM

BW_SS25
BW_SS42
BW_SS41
BW_SS43
BW_SS39
BW_SS40
BW_SS36
BW_SS38
BW_SS37
BW_SS35
BW_SS22
BW_SS16
GW024022
BW_SS18
BW_SS23
BW_SS19
BW_SS20
BW_SS21
BW_SS26
BW_SS24
BW_SS27
BW_SS31
BW_SS28
BW_SS29
BW_SS30
BW_SS17
BW_SS32
BW_SS33
BW_SS34
BW_SS45
BW_SS47
BW_SS54
BW_SS48
BW_SS46
BW_SS51
BW_SS49
BW_SS11
BW_SS50
BW_SS53
BW_SS52
BW_SS06
BW_SS12
BW_SS01
BW_SS13
BW_SS14
BW_SS15
BW_SS10
BW_SS09
BW_SS08
BW_SS07

Legend

- Site Boundary
- Existing Monitoring Well
- Sediment Sample

AECs:

- BD - Vehicle Refuelling
- BE - Coal Storage
- BG - Contaminated Water Treatment Plant
- BH - Cooling Water Treatment Plants
- BI - Demineraliser Plant
- BJ - Former Contractor Staging Area
- BK - Former Large Items Assembly Area
- BL - Transformer
- BP - Mobile Plant Workshop and Refuelling
- BQ - Pikes Gully Ash
- BU - Main Store – Dangerous Goods Storage Area
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BX - TransGrid
- BY - Buffer Lands
- Surface Water - Inorganic Exceedances

0 100 200 300m

N

Client:	Macquarie Generation		**Figure 6.7b - Area BW, Surface Water Exceedances in Surrounding Waterways and Lake Liddell**
Drawing No:	0224193s_B_ESA_G022_R0.mxd		Project Symphony - Bayswater
Date:	15/01/2014	Drawing Size: A3	Stage 2 - Environmental Site Assessment
Drawn By:	GC	Reviewed By: HC	Environmental Resources Management ANZ

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ERM

BG_MW06
BG_MW03
BG_MW02
BG_MW07
BG_MW01
BI_MW01
BI_MW03
BD_EW_MW04
BD_EW_MW02
BD_EW_MW03
BI_MW02
BD_EW_MW01
BU_MW01
BQ_SU31
BQ_SU32
BU_MW03
BU_SB01
BV_MW08
BQ_SU29
BU_MW02
BV_MW09
BU_SB02
BQ_SU30
BV_MW10
BV_SB08
BQ_SU01
BQ_SU02
BQ_SU03
BQ_SU04
BQ_SU05
BQ_SU06
BQ_SU07
BQ_MW10
BQ_SU08
BQ_SU09
BW_SS10
BY_MW20
BW_SS09
BW_SS08
BW_SS07
BQ_SU13
BQ_MW13
BQ_SU14
BQ_SU15
BQ_SU10
BQ_SU11
BQ_SU12
BQ_SU16
BQ_SU17
BQ_SU18
BQ_SU19
BQ_MW09
BQ_SU20
BQ_EW_MW03
BQ_SU21
BQ_EW_MW02
BQ_EW_MW01
BQ_MW08
BH_MW02
BH_SB08
BH_SB07
BQ_SU28
BH_MW04
BH_MW03
BH_SB06
BQ_SU27
BC_SB04
BH_SB05
BC_SB03
BQ_MW01
BQ_SU26
BQ_SU25
BQ_SU24
BQ_SU21
BQ_SU23
BC_MW03
BC_MW05

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Site Boundary
- Existing Monitoring Well
- Monitoring Well
- Monitoring Well Not Installed
- Soil Bore
- Sediment Sample
- Surface Soil Sample (Beneath Asbestos Pipeline)
- Surface Soil Sample (Asbestos Visually Identified)

AECs:

- BC - Fuel Oil Installation
- BD - Vehicle Refuelling
- BG - Contaminated Water Treatment Plant
- BH - Cooling Water Treatment Plants
- BI - Demineraliser Plant
- BQ - Pikes Gully Ash Dam
- BU - Main Store – Dangerous Goods Storage Area
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BY - Buffer Lands
- Soil - Inorganic Exceedances

0 25 50 75m

N

Client:	Macquarie Generation		
Drawing No:	0224193s_B_ESA_G020_R0.mxd		
Date:	31/01/2014	Drawing Size: A3	
Drawn By:	GC	Reviewed By: HC	

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Figure 6.8 - Asbestos Pipeline, Identification and Soil Exceedances

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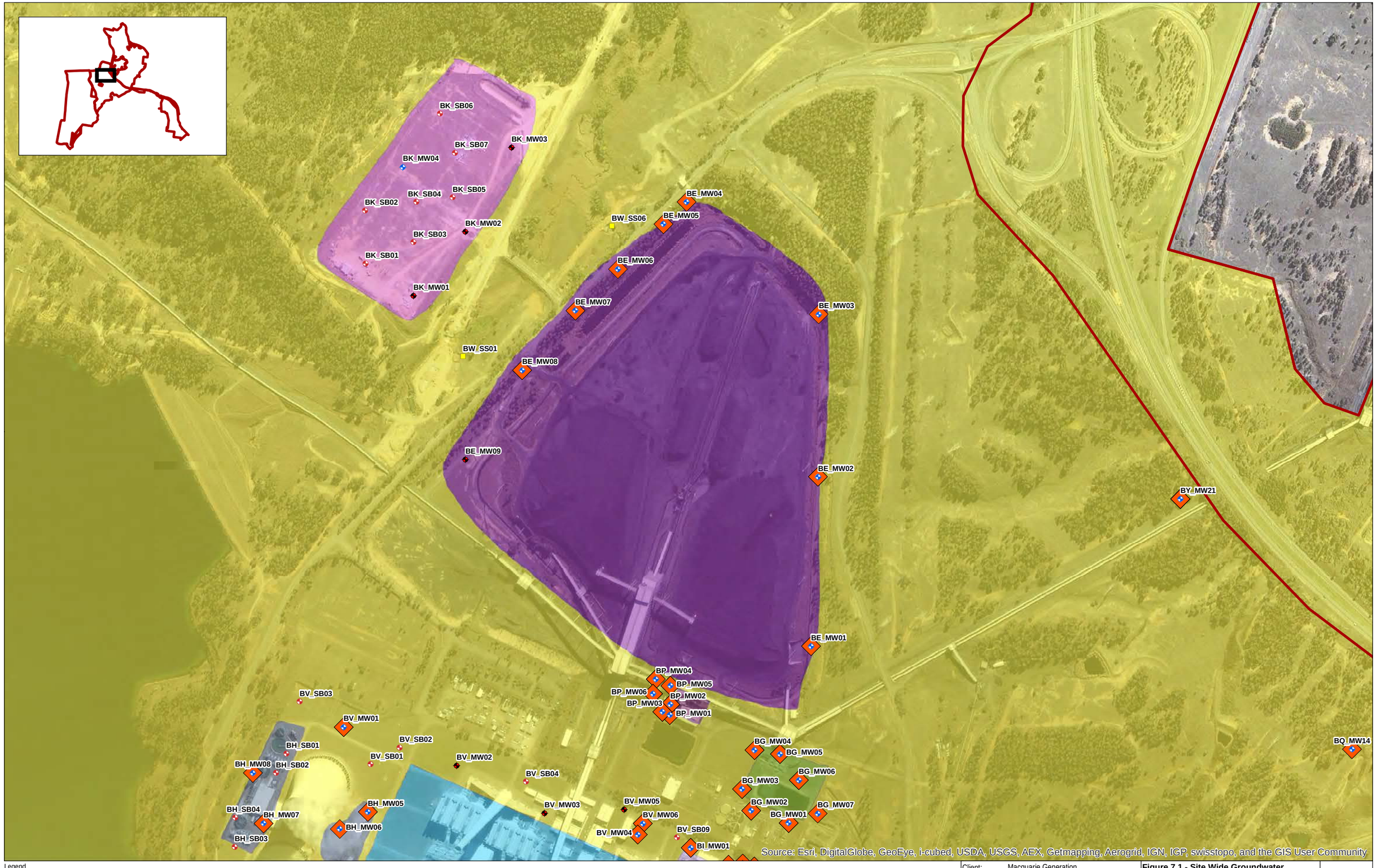

Legend

- Site Boundary
- Existing Monitoring Well
- Monitoring Well
- Monitoring Well Not Installed
- Soil Bore
- Sediment Sample

AECs:

- BE - Coal Storage Area
- BG - Contaminated Water Treatment Plant
- BH - Cooling Water Treatment Plants
- BI - Demineraliser Plant
- BK - Former Large Items Assembly Area
- BP - Mobile Plant Workshop and Refuelling
- BV - Power Block
- BW - Surrounding Waterways and Lake Liddell
- BY - Buffer Lands

Groundwater - Inorganic Exceedances

0 50 100 150m

N

Client:	Macquarie Generation	
Drawing No:	0224193s_B_ESA_G021_R0.mxd	
Date:	31/01/2014	Drawing Size: A3
Drawn By:	GC	Reviewed By: HC

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Figure 7.1 - Site Wide Groundwater Exceedances

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Annex B

Tables

Location ID	AEC	Location Type	X Coordinate (GDA 94)	Y Coordinate (GDA 94)	Elevation (mAHD)	Survey method
BA_EW_MW01	BA	Existing Well	307605	6412529	-	GPS
BA_MW01	BA	Monitoring Well	307644.322	6412540.208	182.3	Surveyed
BA_MW02	BA	Soil Bore	307356	6412598	-	GPS
BA_MW03	BA	Monitoring Well	307568.713	6412789.352	174.29	Surveyed
BB_MW01	BB	Monitoring Well	305818.486	6412858.197	170.74	Surveyed
BB_MW02	BB	Monitoring Well	305776.788	6412842.754	172.85	Surveyed
BB_MW03	BB	Monitoring Well	306070.012	6412314.502	192.43	Surveyed
BB_MW04	BB	Monitoring Well	306380.832	6412496.139	196.3	Surveyed
BB_MW05	BB	Monitoring Well	305643.819	6413017.915	164.43	Surveyed
BC_MW01	BC	Soil Bore	307342	6413215	-	GPS
BC_MW02	BC	Soil Bore	307312	6413155	-	GPS
BC_MW03	BC	Soil Bore	307384	6413173	-	GPS
BC_MW04	BC	Soil Bore	307330	6413187	-	GPS
BC_MW05	BC	Monitoring Well	307394.230	6413149.073	198.350	Surveyed
BC_SB01	BC	Soil Bore	307340	6413247	-	GPS
BC_SB02	BC	Soil Bore	307373	6413339	-	GPS
BC_SB03	BC	Soil Bore	307449	6413548	-	GPS
BC_SB04	BC	Soil Bore	307485	6413569	-	GPS
BD_EW_MW01	BD	Existing Well	307476	6413960	-	GPS
BD_EW_MW02	BD	Existing Well	307473	6413975	-	GPS
BD_EW_MW03	BD	Existing Well	307492	6413980	-	GPS
BD_EW_MW04	BD	Existing Well	307472	6413985	-	GPS
BE_MW01	BE	Monitoring Well	307590.742	6414362.081	164.91	Surveyed
BE_MW02	BE	Monitoring Well	307602.752	6414655.895	162.76	Surveyed
BE_MW03	BE	Monitoring Well	307604.023	6414937.795	161.63	Surveyed
BE_MW04	BE	Monitoring Well	307374.716	6415132.977	159.27	Surveyed
BE_MW05	BE	Monitoring Well	307334.539	6415094.436	159.25	Surveyed
BE_MW06	BE	Monitoring Well	307255.406	6415016.552	159.29	Surveyed
BE_MW07	BE	Monitoring Well	307181.968	6414944.337	159.3	Surveyed
BE_MW08	BE	Monitoring Well	307089.539	6414840.899	159.990	Surveyed
BE_MW09	BE	Soil Bore			-	GPS
BF_MW01	BF	Monitoring Well	309174.324	6419560.689	137.260	Surveyed
BF_MW02	BF	Monitoring Well	309150.817	6419502.221	139.450	Surveyed
BF_MW03	BF	Monitoring Well	309241.557	6419426.246	138.790	Surveyed
BF_MW04	BF	Soil Bore	309100	6419438	-	GPS
BF_MW05	BF	Monitoring Well	316247.411	6411377.603	92.180	Surveyed
BF_MW06	BF	Soil Bore	316183	6411386	-	GPS
BF_MW07	BF	Soil Bore	316244	6411349	-	GPS
BF_MW08	BF	Soil Bore	304961	6415302	-	GPS
BF_MW09	BF	Monitoring Well	303943.88	6415287.862	223.500	Surveyed
BF_MW10	BF	Soil Bore	302990	6415264	-	GPS
BF_MW11	BF	Soil Bore	302054	6415253	-	GPS
BF_SB01	BF	Soil Bore	309092	6419564	-	GPS
BF_SB02	BF	Soil Bore	309072	6419513	-	GPS
BF_SB03	BF	Soil Bore	309202	6419511	-	GPS
BF_SB04	BF	Soil Bore	309274	6419481	-	GPS
BF_SB05	BF	Soil Bore	316201	6411405	-	GPS
BF_SB06	BF	Soil Bore	316211	6411395	-	GPS
BF_SB07	BF	Soil Bore	316213	6411372	-	GPS
BG_MW01	BG	Monitoring Well	307551.801	6414055.286	170.150	Surveyed
BG_MW02	BG	Monitoring Well	307486.783	6414076.747	169.920	Surveyed
BG_MW03	BG	Monitoring Well	307471.044	6414114.267	170.19	Surveyed
BG_MW04	BG	Monitoring Well	307492.543	6414181.956	170.380	Surveyed
BG_MW05	BG	Monitoring Well	307536.809	6414174.912	170.310	Surveyed
BG_MW06	BG	Monitoring Well	307569.451	6414129.721	171.650	Surveyed
BG_MW07	BG	Monitoring Well	307602.182	6414071.744	176.110	Surveyed
BH_MW01	BH	Monitoring Well	307374.583	6413794.19	180.190	Surveyed
BH_MW02	BH	Monitoring Well	307419.737	6413742.887	180.300	Surveyed
BH_MW03	BH	Monitoring Well	307503.506	6413630.895	179.960	Surveyed
BH_MW04	BH	Monitoring Well	307586.064	6413690.088	179.980	Surveyed
BH_MW05	BH	Monitoring Well	306821.781	6414074.675	180.250	Surveyed
BH_MW06	BH	Monitoring Well	306773.017	6414045.059	180.340	Surveyed
BH_MW07	BH	Monitoring Well	306640.867	6414054.684	180.060	Surveyed
BH_MW08	BH	Monitoring Well	306622.375	6414142.374	179.990	Surveyed
BH_SB01	BH	Soil Bore	306681	6414176	-	GPS
BH_SB02	BH	Soil Bore	306663	6414142	-	GPS
BH_SB03	BH	Soil Bore	306591	6414014	-	GPS
BH_SB04	BH	Soil Bore	306592	6414065	-	GPS
BH_SB05	BH	Soil Bore	307537	6413576	-	GPS
BH_SB06	BH	Soil Bore	307563	6413637	-	GPS
BH_SB07	BH	Soil Bore	307553	6413727	-	GPS
BH_SB08	BH	Soil Bore	307602	6413745	-	GPS
BI_MW01	BI	Monitoring Well	307382.151	6414012.189	179.940	Surveyed
BI_MW02	BI	Monitoring Well	307405.821	6413958.298	179.910	Surveyed
BI_MW03	BI	Monitoring Well	307447.614	6413982.628	180.060	Surveyed
BJ_MW01	BJ	Soil Bore	305326	6413730	-	GPS
BJ_MW02	BJ	Soil Bore	305468	6413469	-	GPS
BJ_MW03	BJ	Soil Bore	305695	6413235	-	GPS
BJ_MW04	BJ	Soil Bore	305846	6413299	-	GPS
BJ_MW05	BJ	Soil Bore	305644	6413683	-	GPS
BJ_SB01	BJ	Soil Bore	305309	6413807	-	GPS
BJ_SB02	BJ	Soil Bore	305367	6413712	-	GPS
BJ_SB03	BJ	Soil Bore	305317	6413674	-	GPS
BJ_SB04	BJ	Soil Bore	305415	6413802	-	GPS
BJ_SB05	BJ	Soil Bore	305478	6413744	-	GPS
BJ_SB06	BJ	Soil Bore	305571	6413693	-	GPS

Location ID	AEC	Location Type	X Coordinate (GDA 94)	Y Coordinate (GDA 94)	Elevation (mAHD)	Survey method
BJ_SB07	BJ	Soil Bore	305598	6413531	-	GPS
BJ_SB08	BJ	Soil Bore	305532	6413446	-	GPS
BJ_SB09	BJ	Soil Bore	305532	6413305	-	GPS
BJ_SB10	BJ	Soil Bore	305665	6413566	-	GPS
BJ_SB11	BJ	Soil Bore	305667	6413439	-	GPS
BJ_SB12	BJ	Soil Bore	305648	6413308	-	GPS
BJ_SB13	BJ	Soil Bore	305794	6413568	-	GPS
BJ_SB14	BJ	Soil Bore	305794	6413450	-	GPS
BJ_SB15	BJ	Soil Bore	305791	6413304	-	GPS
BJ_SB16	BJ	Soil Bore	305909	6413540	-	GPS
BJ_SB17	BJ	Soil Bore	305912	6413444	-	GPS
BJ_SB18	BJ	Soil Bore	305910	6413304	-	GPS
BJ_SB19	BJ	Soil Bore	305959	6413387	-	GPS
BK_MW01	BK	Soil Bore	306901	6414970	-	GPS
BK_MW02	BK	Soil Bore	306991	6415081	-	GPS
BK_MW03	BK	Soil Bore	307071	6415227	-	GPS
BK_MW04	BK	Monitoring Well	306882.693	6415193.347	166.530	Surveyed
BK_SB01	BK	Soil Bore	306818	6415026	-	GPS
BK_SB02	BK	Soil Bore	306817	6415118	-	GPS
BK_SB03	BK	Soil Bore	306901	6415063	-	GPS
BK_SB04	BK	Soil Bore	306906	6415133	-	GPS
BK_SB05	BK	Soil Bore	306969	6415141	-	GPS
BK_SB06	BK	Soil Bore	306947	6415286	-	GPS
BK_SB07	BK	Soil Bore	306973	6415218	-	GPS
BL_MW01	BL	Monitoring Well	307221.962	6413683.808	180.320	Surveyed
BL_MW02	BL	Monitoring Well	307144.823	6413715.671	180.040	Surveyed
BL_MW03	BL	Monitoring Well	307099.829	6413800.011	180.040	Surveyed
BL_MW04	BL	Monitoring Well	307121.004	6413733.123	180.040	Surveyed
BL_MW05	BL	Monitoring Well	306797.432	6413877.233	180.310	Surveyed
BL_MW06	BL	Monitoring Well	306895.563	6413830.407	179.990	Surveyed
BL_SB01	BL	Soil Bore	307088	6413743	-	GPS
BL_SB02	BL	Soil Bore	307175	6413758	-	GPS
BL_SB03	BL	Soil Bore	307260	6413745	-	GPS
BL_SB04	BL	Soil Bore	306818	6413919	-	GPS
BL_SB05	BL	Soil Bore	306920	6413884	-	GPS
BL_SB06	BL	Soil Bore	306965	6413814	-	GPS
BL_SB07	BL	Soil Bore	307165	6413763	-	GPS
BM_EW_MW01	BM	Existing Well	306450	6413140	-	GPS
BM_MW01	BM	Soil Bore	306384	6413158	-	GPS
BM_MW02	BM	Soil Bore	306449	6413145	-	GPS
BM_MW03	BM	Monitoring Well	306429.675	6413150.534	183.610	Surveyed
BM_MW04	BM	Soil Bore	306841	6412994	-	GPS
BM_MW05	BM	Monitoring Well	306436.8226	6413112.32	184.720	Surveyed
BM_MW06	BM	Soil Bore	306634	6413124	-	GPS
BM_MW07	BM	Monitoring Well	306724.957	6413143.793	194.740	Surveyed
BM_SB01	BM	Soil Bore	306563	6413147	-	GPS
BM_SB01 (2)	BM	Soil Bore	306504	6413165	-	GPS
BM_SB02	BM	Soil Bore	306508	6413070	-	GPS
BM_SB03	BM	Soil Bore	306579	6413013	-	GPS
BM_SB04	BM	Soil Bore	306655	6412975	-	GPS
BM_SB05	BM	Soil Bore	306710	6412916	-	GPS
BM_SB06	BM	Soil Bore	306803	6412914	-	GPS
BM_SB07	BM	Soil Bore	306823	6413056	-	GPS
BM_SB08/BM_MW07	BM	Monitoring Well	306725	6413144	195.493	Surveyed
BM_SB09	BM	Soil Bore	306793	6413116	-	GPS
BN_MW01	BN	Soil Bore	306966	6412289	-	GPS
BN_MW02	BN	Monitoring Well	306994.062	6412287.340	192.540	Surveyed
BN_MW03	BN	Monitoring Well	306952.146	6412310.659	195.940	Surveyed
BO_MW01	BO	Monitoring Well	306661.359	6412009.752	179.620	Surveyed
BO_MW02	BO	Monitoring Well	306145.427	6411734.363	158.320	Surveyed
BO_MW03	BO	Monitoring Well	306138.731	6411591.753	153.930	Surveyed
BO_MW04	BO	Monitoring Well	306369.213	6411605.234	155.580	Surveyed
BO_MW05	BO	Monitoring Well	306611.934	6411591.959	159.870	Surveyed
BP_MW01	BP	Monitoring Well	307345.663	6414242.722	169.080	Surveyed
BP_MW02	BP	Monitoring Well	307346.595	6414260.778	169.300	Surveyed
BP_MW03	BP	Monitoring Well	307332.780	6414248.155	169.180	Surveyed
BP_MW04	BP	Monitoring Well	307321.559	6414304.823	169.260	Surveyed
BP_MW05	BP	Monitoring Well	307346.749	6414293.328	169.000	Surveyed
BP_MW06	BP	Monitoring Well	307316.389	6414279.460	169.470	Surveyed
BQ_EW_MW01	BQ	Existing Well	309280	6413180	-	GPS
BQ_EW_MW02	BQ	Existing Well	309227	6413155	-	GPS
BQ_EW_MW03	BQ	Existing Well	309235	6413201	-	GPS
BQ_MW01	BQ	Monitoring Well	307649.054	6413541.819	189.490	Surveyed
BQ_MW02	BQ	Monitoring Well	308930.294	6412190.162	148.550	Surveyed
BQ_MW03	BQ	Monitoring Well	308672.001	6412351.436	158.110	Surveyed
BQ_MW04	BQ	Monitoring Well	308369.491	6412458.453	178.750	Surveyed
BQ_MW05	BQ	Monitoring Well	308650.998	6412518.656	174.740	Surveyed
BQ_MW06	BQ	Soil Bore	308960	6412554	-	GPS
BQ_MW07	BQ	Monitoring Well	309050.058	6412627.679	177.000	Surveyed
BQ_MW08	BQ	Monitoring Well	309199.504	6412914.846	151.800	Surveyed
BQ_MW09	BQ	Soil Bore	309240	6413335	-	GPS
BQ_MW10	BQ	Monitoring Well	308378.315	6413806.143	156.310	Surveyed
BQ_MW11	BQ	Monitoring Well	309895.578	6412998.541	127.920	Surveyed
BQ_MW12	BQ	Soil Bore	309850	6412808	-	GPS
BQ_MW13	BQ	Monitoring Well	308942.362	6413730.166	173.510	Surveyed
BQ_MW14	BQ	Monitoring Well	308529.086	6414183.085	141.380	Surveyed

Location ID	AEC	Location Type	X Coordinate (GDA 94)	Y Coordinate (GDA 94)	Elevation (mAHD)	Survey method
BQ_SU01	BQ	Surface Sample	307772	6413795	-	GPS
BQ_SU02	BQ	Surface Sample	307872	6413796	-	GPS
BQ_SU03	BQ	Surface Sample	307971	6413815	-	GPS
BQ_SU04	BQ	Surface Sample	308071	6413837	-	GPS
BQ_SU05	BQ	Surface Sample	308172	6413833	-	GPS
BQ_SU06	BQ	Surface Sample	308271	6413821	-	GPS
BQ_SU07	BQ	Surface Sample	308373	6413811	-	GPS
BQ_SU08	BQ	Surface Sample	308473	6413801	-	GPS
BQ_SU09	BQ	Surface Sample	308560	6413764	-	GPS
BQ_SU10	BQ	Surface Sample	308634	6413704	-	GPS
BQ_SU11	BQ	Surface Sample	308720	6413659	-	GPS
BQ_SU12	BQ	Surface Sample	308827	6413662	-	GPS
BQ_SU13	BQ	Surface Sample	308891	6413729	-	GPS
BQ_SU14	BQ	Surface Sample	308995	6413731	-	GPS
BQ_SU15	BQ	Surface Sample	309092	6413720	-	GPS
BQ_SU16	BQ	Surface Sample	309140	6413644	-	GPS
BQ_SU17	BQ	Surface Sample	309172	6413559	-	GPS
BQ_SU18	BQ	Surface Sample	309204	6413472	-	GPS
BQ_SU19	BQ	Surface Sample	309236	6413375	-	GPS
BQ_SU20	BQ	Surface Sample	309271	6413284	-	GPS
BQ_SU21	BQ	Surface Sample	309303	6413189	-	GPS
BQ_SU22	BQ	Surface Sample	307386	6413339	-	GPS
BQ_SU23	BQ	Surface Sample	307492	6413297	-	GPS
BQ_SU24	BQ	Surface Sample	307551	6413375	-	GPS
BQ_SU25	BQ	Surface Sample	307601	6413457	-	GPS
BQ_SU26	BQ	Surface Sample	307654	6413541	-	GPS
BQ_SU27	BQ	Surface Sample	307707	6413633	-	GPS
BQ_SU28	BQ	Surface Sample	307727	6413720	-	GPS
BQ_SU29	BQ	Surface Sample	307559	6413852	-	GPS
BQ_SU30	BQ	Surface Sample	307547	6413839	-	GPS
BQ_SU31	BQ	Surface Sample	307470	6413881	-	GPS
BQ_SU32	BQ	Surface Sample	307472	6413881	-	GPS
BR_MW01	BR	Monitoring Well	315228.068	6411563.661	104.960	Surveyed
BR_MW05	BR	Monitoring Well	317776.222	6406598.339	65.520	Surveyed
BR_MW06	BR	Monitoring Well	316944.609	6409453.053	79.730	Surveyed
BR_MW09	BR	Soil Bore	315671	6409647	-	GPS
BR_MW11	BR	Soil Bore	317167	6408093	-	GPS
BS_MW01	BS	Soil Bore	302368	6405374	-	GPS
BS_SB01	BS	Soil Bore	302371	6405361	-	GPS
BS_SB02	BS	Soil Bore	302401	6405386	-	GPS
BT_MW01	BT	Monitoring Well	303125.660	6405992.856	91.910	Surveyed
BT_SB01	BT	Soil Bore	303136	6406045	-	GPS
BT_SB02	BT	Soil Bore	303127	6406031	-	GPS
BU_MW01	BU	Monitoring Well	307624.798	6413887.011	179.850	Surveyed
BU_MW02	BU	Monitoring Well	307630.441	6413853.285	179.750	Surveyed
BU_MW03	BU	Monitoring Well	307642.358	6413879.504	179.730	Surveyed
BU_SB01	BU	Soil Bore	307624	6413871	-	GPS
BU_SB02	BU	Soil Bore	307610	6413848	-	GPS
BV_MW01	BV	Monitoring Well	306779.836	6414221.869	180.160	Surveyed
BV_MW02	BV	Soil Bore	306976	6414154	-	GPS
BV_MW03	BV	Soil Bore	307128	6414072	-	GPS
BV_MW04	BV	Monitoring Well	307290.334	6414035.094	180.240	Surveyed
BV_MW05	BV	Soil Bore	307267	6414078	-	GPS
BV_MW06	BV	Monitoring Well	307299.034	6414054.304	180.200	Surveyed
BV_MW07	BV	Monitoring Well	306708.012	6413880.163	179.970	Surveyed
BV_MW08	BV	Monitoring Well	307432.851	6413863.902	180.160	Surveyed
BV_MW09	BV	Monitoring Well	307532.012	6413833.563	179.910	Surveyed
BV_MW10	BV	Monitoring Well	307629.466	6413812.445	177.790	Surveyed
BV_MW11	BV	Monitoring Well	307287.991	6413553.386	180.050	Surveyed
BV_MW12	BV	Monitoring Well	307352.940	6413542.682	180.120	Surveyed
BV_MW13	BV	Monitoring Well	307330.673	6413616.909	180.260	Surveyed
BV_SB01	BV	Soil Bore	306827	6414157	-	GPS
BV_SB02	BV	Soil Bore	306877	6414187	-	GPS
BV_SB03	BV	Soil Bore	306703	6414266	-	GPS
BV_SB04	BV	Soil Bore	307096	6414127	-	GPS
BV_SB05	BV	Soil Bore	307032	6413838	-	GPS
BV_SB06	BV	Soil Bore	307207	6413635	-	GPS
BV_SB07	BV	Soil Bore	307309	6413661	-	GPS
BV_SB08	BV	Soil Bore	307725	6413802	-	GPS
BV_SB09	BV	Soil Bore	307358	6414030	-	GPS
BW_SS01	BW	Sediment/Suface Water	306987	6414865	-	GPS
BW_SS06	BW	Sediment/Suface Water	307245	6415092	-	GPS
BW_SS07	BW	Sediment/Suface Water	308900	6413761	-	GPS
BW_SS08	BW	Sediment/Suface Water	308861	6413889	-	GPS
BW_SS09	BW	Sediment/Suface Water	308718	6414006	-	GPS
BW_SS10	BW	Sediment/Suface Water	308584	6414158	-	GPS
BW_SS11	BW	Sediment/Suface Water	309192	6415302	-	GPS
BW_SS12	BW	Sediment/Suface Water	309114	6415072	-	GPS
BW_SS13	BW	Sediment/Suface Water	309003	6414906	-	GPS
BW_SS14	BW	Sediment/Suface Water	308927	6414781	-	GPS
BW_SS15	BW	Sediment/Suface Water	308845	6414678	-	GPS
BW_SS16	BW	Sediment/Suface Water	310405	6416709	-	GPS
BW_SS17	BW	Sediment/Suface Water	310403	6416041	-	GPS
BW_SS18	BW	Sediment/Suface Water	310259	6416619	-	GPS
BW_SS19	BW	Sediment/Suface Water	310272	6416569	-	GPS
BW_SS20	BW	Sediment/Suface Water	310270	6416520	-	GPS

Location ID	AEC	Location Type	X Coordinate (GDA 94)	Y Coordinate (GDA 94)	Elevation (mAHD)	Survey method
BW_SS21	BW	Sediment/Suface Water	310438	6416445	-	GPS
BW_SS22	BW	Sediment/Suface Water	310544	6416816	-	GPS
BW_SS23	BW	Sediment/Suface Water	310668	6416599	-	GPS
BW_SS24	BW	Sediment/Suface Water	310703	6416365	-	GPS
BW_SS25	BW	Sediment/Suface Water	310393	6416051	-	GPS
BW_SS26	BW	Sediment/Suface Water	310212	6416369	-	GPS
BW_SS27	BW	Sediment/Suface Water	310036	6416333	-	GPS
BW_SS28	BW	Sediment/Suface Water	310045	6416287	-	GPS
BW_SS29	BW	Sediment/Suface Water	310212	6416257	-	GPS
BW_SS30	BW	Sediment/Suface Water	310213	6416136	-	GPS
BW_SS31	BW	Sediment/Suface Water	310459	6416281	-	GPS
BW_SS32	BW	Sediment/Suface Water	310087	6415952	-	GPS
BW_SS33	BW	Sediment/Suface Water	310406	6416024	-	GPS
BW_SS34	BW	Sediment/Suface Water	310258	6415829	-	GPS
BW_SS35	BW	Sediment/Suface Water	308777	6416822	-	GPS
BW_SS36	BW	Sediment/Suface Water	309274	6417052	-	GPS
BW_SS37	BW	Sediment/Suface Water	309028	6416921	-	GPS
BW_SS38	BW	Sediment/Suface Water	308649	6416968	-	GPS
BW_SS39	BW	Sediment/Suface Water	308638	6417130	-	GPS
BW_SS40	BW	Sediment/Suface Water	308871	6417063	-	GPS
BW_SS41	BW	Sediment/Suface Water	308818	6417209	-	GPS
BW_SS42	BW	Sediment/Suface Water	308948	6417395	-	GPS
BW_SS43	BW	Sediment/Suface Water	309089	6417213	-	GPS
BW_SS44	BW	Sediment/Suface Water	311022	6418165	-	GPS
BW_SS45	BW	Sediment/Suface Water	309473	6415522	-	GPS
BW_SS46	BW	Sediment/Suface Water	309527	6415501	-	GPS
BW_SS47	BW	Sediment/Suface Water	309590	6415516	-	GPS
BW_SS48	BW	Sediment/Suface Water	309356	6415454	-	GPS
BW_SS49	BW	Sediment/Suface Water	309439	6415355	-	GPS
BW_SS50	BW	Sediment/Suface Water	309636	6415333	-	GPS
BW_SS51	BW	Sediment/Suface Water	309795	6415402	-	GPS
BW_SS52	BW	Sediment/Suface Water	309499	6415177	-	GPS
BW_SS53	BW	Sediment/Suface Water	309871	6415212	-	GPS
BW_SS54	BW	Sediment/Suface Water	309107	6415468	-	GPS
BWGMW1D10	BW	Existing Well	305692	6412985	-	GPS
BX_MW01	BX	Monitoring Well	306527.736	6413510.125	199.280	Surveyed
BX_MW02	BX	Soil Bore	306661	6413310	-	GPS
BX_MW03	BX	Monitoring Well	306958.184	6413443.449	192.670	Surveyed
BX_MW04	BX	Soil Bore	306738	6413614	-	GPS
BY_MW11	BY	Soil Bore	303482	6407220	-	GPS
BY_MW12	BY	Monitoring Well	304071.600	6407884.890	128.090	Surveyed
BY_MW14	BY	Soil Bore	306091	6408986	-	GPS
BY_MW16	BY	Soil Bore	306751	6410517	-	GPS
BY_MW18	BY	Soil Bore	309842	6412257	-	GPS
BY_MW20	BY	Soil Bore	308873	6414115	-	GPS
BY_MW21	BY	Monitoring Well	308231.435	6414617.227	145.120	Surveyed
BY_MW23	BY	Monitoring Well	310125.413	6420632.975	142.030	Surveyed
BY_MW24	BY	Monitoring Well	310506.510	6419280.617	139.480	Surveyed
BY_MW25	BY	Monitoring Well	311467.714	6418876.616	135.370	Surveyed
BY_MW26	BY	Monitoring Well	312617.790	6418256.448	130.890	Surveyed
BY_MW27	BY	Soil Bore	312160	6417000	-	GPS
BY_MW29	BY	Monitoring Well	311831.987	6414955.388	112.680	Surveyed
BY_MW30	BY	Soil Bore	311225	6414211	-	GPS
BY_MW32	BY	Soil Bore	309778	6413823	-	GPS

Well ID	Gauging Date	Event	TOC Elevation (mAHD)	Ground Surface Elevation (mAHD)	Total Measured Depth (mbTOC)	Depth to LNAPL (mbTOC)	Depth to Water (mbTOC)	LNAPL Thickness (m)	Well Screened Interval (m)	Corrected Depth to Water (mbTOC)	Corrected Water Elevation (mAHD)	Comments
BA_EW_MW01	11-Dec-13	Pre	197.11	NA	8.168	-	4.419	-	-	4.419	192.691	Slightly cloudy with no odour.
BA_MW01	11-Dec-13	Pre	183.23	182.3	9.555	-	5.245	-	5.5 - 8.5	5.245	177.985	Very cloudy greyish brown with no odour.
BA_MW03	11-Dec-13	Pre	175.12	174.29	5.940	-	1.22	-	2.0 - 5.0	1.22	173.9	Clear with no odour.
BB_MW01	05-Dec-13	Pre	171.46	170.74	5.530	-	2.235	-	1.7 - 4.7	2.235	169.225	Clear with no odour.
BB_MW02	05-Dec-13	Pre	173.57	172.85	9.925	-	4.35	-	6.2 - 9.2	4.35	169.22	Slightly cloudy with no odour.
BB_MW03	05-Dec-13	Pre	193.14	192.43	7.450	-	5.13	-	3.6 - 6.0	5.13	188.01	Cloudy with no odour.
BB_MW04	05-Dec-13	Pre	197.11	196.3	10.835	-	6.875	-	6.0 - 10	6.875	190.235	Cloudy with no odour.
BB_MW05	05-Dec-13	Pre	165.07	164.43	3.840	-	1.57	-	1.0 - 3.0	1.57	163.5	Cloudy with no odour.
BC_MW05	18-Dec-13	Pre	199.04	198.35	31.810	-	19.03	-	18.0 - 30	19.03	180.01	Very turbid and dark with no odour.
BD_EW_MW01	29-Nov-13	Pre	NA	NA	14.360	-	7.105	-	-	7.105	NA	Clear with sulfur odour.
BD_EW_MW02	29-Nov-13	Pre	NA	NA	8.925	-	5.05	-	-	5.05	NA	Clear with sulfur odour.
BD_EW_MW03	29-Nov-13	Pre	NA	NA	11.800	-	6.6	-	-	6.6	NA	Clear with no odour.
BD_EW_MW04	29-Nov-13	Pre	NA	NA	13.640	-	7.535	-	-	7.535	NA	Clear with slight sulfur odour.
BE_MW01	12-Dec-13	Pre	166.050	164.91	7.220	-	2.29	-	3.0 - 6.0	2.29	163.76	Slightly cloudy with no odour.
BE_MW02	12-Dec-13	Pre	163.560	162.76	7.82	-	3.09	-	4.5 - 7.5	3.09	160.47	Clear with no odour.
BE_MW03	12-Dec-13	Pre	162.510	161.63	7.040	-	2.02	-	3.0 - 6.0	2.02	160.49	Cloudy brown-green with no odour.
BE_MW04	04-Dec-13	Pre	159.870	159.27	9.59	-	6.72	-	5.9 - 8.9	6.72	153.15	Slightly cloudy with no odour.
BE_MW05	04-Dec-13	Pre	159.940	159.25	8.135	-	5.935	-	4.3 - 7.3	5.935	154.005	Slightly cloudy with no odour.
BE_MW06	04-Dec-13	Pre	159.900	159.29	9.85	-	4.23	-	6.0 - 9.0	4.23	155.67	Clear with no odour.
BE_MW07	04-Dec-13	Pre	159.900	159.3	3.635	-	2.55	-	5.0 - 8.0	2.55	157.35	Clear with no odour.
BE_MW08	05-Dec-13	Pre	160.540	159.99	7.47	-	2.76	-	3.8 - 6.8	2.76	157.78	Slightly cloudy with no odour.
BF_MW01	18-Dec-13	Pre	137.980	137.26	14.87	-	10.265	-	8.0 - 14.0	10.265	127.715	Cloudy milky with no odour.
BF_MW02	18-Dec-13	Pre	139.37	139.45	16.02	-	12.6	-	13 - 16.0	12.6	126.77	Turbid light brown with no odour.
BF_MW03	08-Dec-13	Pre	138.66	138.79	20.04	-	19.39	-	17 - 20.0	19.39	119.27	Milky, cloudy with no odour.
BF_MW05	18-Dec-13	Pre	92.05	92.18	9.93	-	8.87	-	6.0 - 10.0	8.87	83.18	Very turbid milky light brown with no odour.
BF_MW09	19-Dec-13	Pre	224.11	223.5	16.04	-	13.55	-	9.0 - 15.0	13.55	210.56	Cloudy with no odour.
BG_MW01	03-Dec-13	Pre	170.03	170.15	6.03	-	0	-	3.0 - 6.0	0	170.03	Clear with a slight sulfur odour.
BG_MW02	03-Dec-13	Pre	169.78	169.92	6.56	-	0	-	3.5 - 6.3	0	169.78	Cloudy brown with no odour.
BG_MW03	03-Dec-13	Pre	170.11	170.19	3.73	-	1.07	-	1.0 - 4.0	1.07	169.04	Clear with no odour.
BG_MW04	03-Dec-13	Pre	170.240	170.380	4.59	-	2.06	-	1.5 - 4.5	2.06	168.18	Clear with no odour.
BG_MW05	03-Dec-13	Pre	170.140	170.310	5.56	-	1.885	-	2.5 - 5.5	1.885	168.255	Clear with no odour.
BG_MW06	03-Dec-13	Pre	171.550	171.650	6.035	-	2.795	-	3.0 - 6.0	2.795	168.755	Slightly cloudy with no odour.
BG_MW07	11-Dec-13	Pre	176.030	176.110	5.33	-	3.91	-	2.0 - 5.5	3.91	172.12	Slightly cloudy with a slight sulphur odour.
BH_MW01	02-Dec-13	Pre	180.080	180.190	9.235	-	3.92	-	4.0 - 9.0	3.92	176.16	Cloudy light brown with no odour.
BH_MW02	02-Dec-13	Pre	180.170	180.300	8.255	-	2.71	-	4.0 - 8.0	2.71	177.46	Clear with no odour.
BH_MW03	03-Dec-13	Pre	179.860	179.960	9.06	-	1.315	-	6.0 - 9.0	1.315	178.545	Clear with no odour.
BH_MW04	04-Dec-13	Pre	179.830	179.980	9.06	-	3.39	-	6.0 - 9.0	3.39	176.44	Cloudy with no odour.
BH_MW05	04-Dec-13	Pre	180.840	180.250	10.62	-	7.64	-	6.9 - 9.9	7.64	173.2	Slightly cloudy with no odour.
BH_MW06	04-Dec-13	Pre	181.020	180.340	3.495	-	4.815	-	5.0 - 8.0	4.815	176.205	Turbid light brown with no odour.
BH_MW07	04-Dec-13	Pre	179.980	180.060	3.66	-	3.1	-	1.8 - 3.8	3.1	176.88	Clear with no odour.
BH_MW08	04-Dec-13	Pre	179.820	179.990	7	-	1.99	-	4.0 - 7.0	1.99	177.83	Clear with no odour.
BI_MW01	02-Dec-13	Pre	179.830	179.940	13.385	-	7.71	-	8.5 - 14.5	7.71	172.12	Clear with no odour.
BI_MW02	02-Dec-13	Pre	179.830	179.910	10.39	-	7.21	-	7.3 - 10.3	7.21	172.62	Clear with no odour.
BI_MW03	02-Dec-13	Pre	180.000	180.060	12.14	-	7.375	-	9.0 - 12.0	7.375	172.625	Slightly cloudy with no odour.
BK_MW04	16-Dec-13	Pre	167.480	166.530	10.625	-	8.62	-	7.0 - 10.0	8.62	158.86	Cloudy grey-brown with no odour.
BL_MW01	11-Dec-13	Pre	180.160	180.320	6.04	-	1.42	-	3.0 - 6.0	1.42	178.74	Clear with no odour.
BL_MW02	08-Dec-13	Pre	179.960	180.040	9.35	-	9.008	-	5.4 - 9.4	9.008	170.952	Slightly cloudy with no odour.
BL_MW03	11-Dec-13	Pre	179.950	180.040	3.92	-	1.9	-	1.0 - 4.0	1.9	178.05	Clear with no odour.
BL_MW04	11-Dec-13	Pre	179.950	180.040	3.52	-	1.59	-	2.0 - 3.5	1.59	178.36	Clear with no odour.
BL_MW05	11-Dec-13	Pre	180.240	180.310	7.21	-	4.16	-	4.0 - 7.0	4.16	176.08	Cloudy with no odour.
BL_MW06	11-Dec-13	Pre	179.910	179.990	4.27	-	3.49	-	1.3 - 4.3	3.49	176.42	Slightly cloudy reddish brown with no odour.
BM_EW_MW01	13-Dec-13	Pre	NA	NA	2.23	-	0.51	-	-	0.51	NA	Turbid reddish brown with no odour.
BM_MW03	13-Dec-13	Pre	184.350	183.610	3.92	-	1.18	-	1.1 - 3.1	1.18	183.17	Cloudy with no odour.
BM_MW05	13-Dec-13	Pre	185.390	184.720	4.04	-	1.82	-	1.3 - 3.3	1.82	183.57	Slightly cloudy.
BM_MW07	13-Dec-13	Pre	195.490	194.740	6.95	-	5.895	-	3.0 - 6.0	5.895	189.595	Slightly cloudy.
BN_MW02	11-Dec-13	Pre	192.450	192.540	10.258	-	10.047	-	7.0 - 10.0	10.047	182.403	Very turbid dark brown to grey, purged dry.
BN_MW03	10-Dec-13	Pre	196.390	195.940	10.8	-	Dry	-	6.2 - 10.2	Dry	-	Dry.
BO_MW01	12-Dec-13	Pre	180.280	179.620	10.9	-	10.26	-	7.0 - 10.0	10.26	170.02	Turbid with no odour.
BO_MW02	12-Dec-13	Pre	159.090	158.320	3.7	-	1.53	-	1.0 - 3.0	1.53	157.56	Clear with no odour.
BO_MW03	12-Dec-13	Pre	154.710	153.930	4.86		1.55		2.0 - 4.0	1.55	153.16	Slightly cloudy with no odour.
BO_MW04	12-Dec-13	Pre	156.280	155.580	3.78	-	1.8	-	1.0 - 3.0	1.8	154.48	Clear with no odour.
BO_MW05	12-Dec-13	Pre	160.690	159.870	5.53	-	3.33	-	1.5 - 4.5	3.33	157.36	Slightly cloudy with no odour.
BP_MW01	03-Dec-13	Pre	169.000	169.080	3.24	-	0.875	-	1.0 - 4.0	0.875	168.125	Clear with no odour.
BP_MW02	03-Dec-13	Pre	169.220	169.300	8.1	-	0.95	-	5.2 - 8.2	0.95	168.27	Slightly cloudy with no odour.
BP_MW03	03-Dec-13	Pre	169.080	169.180	3.926	-	2.35	-	1.0 - 4.0	2.35	166.73	Clear with no odour.

Well ID	Gauging Date	Event	TOC Elevation (mAHD)	Ground Surface Elevation (mAHD)	Total Measured Depth (mbTOC)	Depth to LNAPL (mbTOC)	Depth to Water (mbTOC)	LNAPL Thickness (m)	Well Screened Interval (m)	Corrected Depth to Water (mbTOC)	Corrected Water Elevation (mAHD)	Comments
BP_MW04	03-Dec-13	Pre	169.910	169.260	7.43	-	1.68	-	5.0 - 8.0	1.68	168.23	Cloudy with no odour.
BP_MW05	03-Dec-13	Pre	169.670	169.000	7.705	-	2.615	-	5.0 - 7.0	2.615	167.055	Slightly cloudy light brown wiith no odour.
BP_MW06	03-Dec-13	Pre	169.360	169.470	7.07	-	1.16	-	4.0 - 7.0	1.16	168.2	Cloudy with no odour.
BQ_EW_MW01	10-Dec-13	Pre	NA	NA	6.66	-	0.54	-	-	0.54	NA	Slightly cloudy with no odour.
BQ_EW_MW02	10-Dec-13	Pre	NA	NA	14.92	-	8.7	-	-	8.7	NA	Clear with no odour.
BQ_EW_MW03	10-Dec-13	Pre	NA	NA	15.5	-	9.61	-	-	9.61	NA	Clear with sulfur odour.
BQ_MW01	10-Dec-13	Pre	189.400	189.490	50	-	43.126	-	41.0 - 50.0	43.126	146.274	Slightly cloudy with no odour.
BQ_MW02	19-Dec-13	Pre	149.190	148.550	6.58	-	3.1	-	2.7 - 5.7	3.1	146.09	Cloudy grey with no odour.
BQ_MW03	09-Dec-13	Pre	158.820	158.110	6.51	-	0.35	-	2.7 - 5.7	0.35	158.47	Clear with no odour.
BQ_MW04	09-Dec-13	Pre	179.310	178.750	10.68	-	8.19	-	7.0 - 10.0	8.19	171.12	Clear with no odour.
BQ_MW05	09-Dec-13	Pre	175.490	174.740	8.35	-	7.23	-	4.5 - 7.5	7.23	168.26	Clear with no odour.
BQ_MW07	09-Dec-13	Pre	177.740	177.000	10.98	-	8.54	-	7.0 - 10.0	8.54	169.2	Cloudy with no odour.
BQ_MW08	09-Dec-13	Pre	152.360	151.800	7.31	-	3.14	-	3.5 - 6.5	3.14	149.22	Clear with no odour.
BQ_MW10	09-Dec-13	Pre	156.820	156.310	5.94	-	0	-	3.3 - 5.3	0	156.82	Slightly cloudy with no odour.
BQ_MW11	10-Dec-13	Pre	128.640	127.920	6	-	1.92	-	2.0 - 5.0	1.92	126.72	Slightly cloudy with no odour.
BQ_MW13	10-Dec-13	Pre	174.430	173.510	6.73	-	3.6	-	2.8 - 5.8	3.6	170.83	Slightly cloudy with no odour.
BQ_MW14	12-Dec-13	Pre	141.910	141.380	3.17	-	1.225	-	1.0 - 2.5	1.225	140.685	Turbid brown with no odour.
BR_MW01	20-Dec-13	Pre	105.560	104.960	50	-	28.755	-	49.0 - 52.0	28.755	76.805	Turbid dark grey-brown with floating dark blotches of unknown material.
BR_MW05	19-Dec-13	Pre	66.230	65.520	33.799	-	20.154	-	29.6 - 32.6	20.154	46.076	Turbid dark grey-brown with dark flaiting blotches of unknown material.
BR_MW06	19-Dec-13	Pre	80.390	79.730	21.342	-	14.278	-	18.0 - 20.0	14.278	66.112	Turbid grey with no odour.
BT_MW01	19-Dec-13	Pre	92.620	91.910	13.14	-	11.068	-	9.3 - 12.3	11.068	81.552	Cloudy with strong organic odour.
BU_MW01	04-Dec-13	Pre	179.730	179.850	10.235	-	4.64	-	7.0 - 10.0	4.64	175.09	Clear with slight sulfur odour.
BU_MW02	29-Nov-13	Pre	180.430	179.750	10.92	-	4.76	-	7.0 - 10.0	4.76	175.67	Clear with sulfur odour.
BU_MW03	29-Nov-13	Pre	180.490	179.730	10.2	-	5.395	-	7.0 - 10.0	5.395	175.095	Clear with no odour.
BV_MW01	04-Dec-13	Pre	180.040	180.160	7.56	-	4.46	-	4.7 - 7.7	4.46	175.58	Slightly cloudy with no odour.
BV_MW04	19-Dec-13	Pre	180.130	180.240	11.318	-	9.926	-	8.35 - 11.35	9.926	170.204	Grab sample taken due to malfunctioning Peristaltic pump.
BV_MW06	05-Dec-13	Pre	180.110	180.200	11.58	-	10.02	-	8.7 - 11.7	10.02	170.09	Cloudy light brown with no odour.
BV_MW07	04-Dec-13	Pre	179.900	179.970	7.18	-	4.11	-	0.5 - 3.5	4.11	175.79	Clear with no odour.
BV_MW08	28-Nov-13	Pre	180.050	180.160	12.04	-	5.375	-	9.0 - 12.0	5.375	174.675	Turbid reddish brown with no odour.
BV_MW09	28-Nov-13	Pre	179.790	179.910	10.335	-	3.915	-	7.3 - 10.3	3.915	175.875	Clear with no odour.
BV_MW10	28-Nov-13	Pre	177.640	177.790	7.97	-	1.42	-	5.0 - 8.0	1.42	176.22	Clear with no odour.
BV_MW11	04-Dec-13	Pre	179.980	180.050	4.05	-	0.98	-	1.0 - 4.0	0.98	179	Cloudy with sulfur odour.
BV_MW12	04-Dec-13	Pre	180.030	180.120	6.035	-	0.41	-	3.0 - 6.0	0.41	179.62	Clear with no odour.
BV_MW13	04-Dec-13	Pre	180.180	180.260	7.805	-	1.04	-	4.5 - 7.5	1.04	179.14	Cloudy to clear with no odour.
BWGMW1D10	05-Dec-13	Pre	NA	NA	6.47	-	2.45	-	-	2.45	NA	Clear with no odour.
BX_MW01	08-Dec-13	Pre	200.190	199.280	11.01	-	10.459	-	7.0 - 10.0	10.459	189.731	Grab sample taken due to lack of water in well.
BX_MW03	11-Dec-13	Pre	193.260	192.670	6.71	-	4.38	-	3.0 - 6.0	4.38	188.88	Turbid brown with no odour.
BY_MW12	17-Dec-13	Pre	128.730	128.090	9.69	-	4.54	-	6.0 - 9.0	4.54	124.19	Turbid to cloudy brown with reddish tinge and no odour.
BY_MW21	11-Dec-13	Pre	145.990	145.120	10.9	-	8.5	-	7.0 - 10.0	8.5	137.49	Clear with no odour.
BY_MW23	13-Dec-11	Pre	142.620	142.030	-	-	Dry	-	2.2 - 5.2	Dry	-	Dry.
BY_MW24	18-Dec-13	Pre	140.170	139.480	9.065	-	6.06	-	4.2 - 8.2	6.06	134.11	Cloudy brown and dark.
BY_MW25	17-Dec-13	Pre	135.270	135.370	8.22	-	5.5	-	4.2 - 8.2	5.5	129.77	Turbid to cloudy brown.
BY_MW26	18-Dec-13	Pre	131.480	130.890	3.67	-	2.12	-	1.0 - 3.0	2.12	129.36	Cloudy brown.
BY_MW29	20-Dec-13	Pre	113.260	112.680	12.715	-	11.458	-	9.0 - 12.0	11.458	101.802	Cloudy brown with no odour.

Notes:

mAHD	metres Australian Height Datum	*	No survey data available
mbTOC	metres below top of casing	NA	Groundwater elevation not available
m	metres		
Pre	pre-purging		

				Field				
				Electrical conductivity	Dissolved Oxygen	pH	Redox	Temp
				uS/cm	mg/L	pH_Units	mV	oC
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**					
BA_EW_MW01	BA_EW_MW01	WATER	11-Dec-13	11,090	0.21	6.61	103	18.9
BA_MW01	BA_MW01	WATER	11-Dec-13	11,370	0.26	5.7	141	19.5
BA_MW03	BA_MW03	WATER	11-Dec-13	11,300	0.28	5.6	105	19.8
BB_MW01	BB_MW01	WATER	05-Dec-13	86,590	1.54	6.43	68.8	21.9
BB_MW02	BB_MW02	WATER	05-Dec-13	7690	2.73	6.61	124	22
BB_MW03	BB_MW03	WATER	05-Dec-13	24,320	3.66	6.21	65	20
BB_MW04	BB_MW04	WATER	05-Dec-13	11,590	0.27	4.71	217	18.4
BB_MW05	BB_MW05	WATER	05-Dec-13	2298	3.36	6.99	140	21.5
BC_MW05	BC_MW05	WATER	18-Dec-13	5940	5.98	7.36	51	25.6
BD_EW_MW01	BD_EW_MW01	WATER	29-Nov-13	6690	5.43	5.9	41.1	20
BD_EW_MW02	BD_EW_MW02	WATER	29-Nov-13	6017	6.61	5.14	70.4	21.7
BD_EW_MW03	BD_EW_MW03	WATER	29-Nov-13	12,810	6.87	6.06	21.3	22.2
BD_EW_MW04	BD_EW_MW04	WATER	29-Nov-13	12,050	8.35	5.89	4.3	23.3
BE_MW01	BE_MW01	WATER	12-Dec-13	1314	2.71	6.56	93	21.3
BE_MW02	BE_MW02	WATER	12-Dec-13	1741	0.38	10.44	-9	20.1
BE_MW03	BE_MW03	WATER	12-Dec-13	8550	2.94	10.4	325	19.6
BE_MW04	BE_MW04	WATER	04-Dec-13	3895	0	6.46	48.4	19.9
BE_MW05	BE_MW05	WATER	04-Dec-13	7420	0.66	6.32	45	22
BE_MW06	BE_MW06	WATER	04-Dec-13	6798	-	6.48	4.47	20.5
BE_MW07	BE_MW07	WATER	04-Dec-13	1400	0.43	6.81	21	20.5
BE_MW08	BE_MW08	WATER	05-Dec-13	5355	-	4.69	92.7	20.2
BF_MW01	BF_MW01	WATER	18-Dec-13	4450	0.27	6.98	-6	23.9
BF_MW02	BF_MW02	WATER	18-Dec-13	5910	4.18	6.99	98	25.9
BF_MW05	BF_MW05	WATER	18-Dec-13	9760	1.41	6.71	107	27.1
BF_MW09	BF_MW09	WATER	19-Dec-13	1860	5.84	7.23	138	20.2
BG_MW01	BG_MW01	WATER	03-Dec-13	32,070	1.02	3.84	303.9	20
BG_MW02	BG_MW02	WATER	03-Dec-13	10,650	0.14	5.47	92.2	21.8
BG_MW03	BG_MW03	WATER	03-Dec-13	12,130	0.46	5.97	83	22
BG_MW04	BG_MW04	WATER	03-Dec-13	15,790	0.37	6.46	45.9	22
BG_MW05	BG_MW05	WATER	03-Dec-13	16,300	2.65	4.45	325.1	21.2
BG_MW06	BG_MW06	WATER	03-Dec-13	22,830	2.12	3.74	242	20.8
BG_MW07	BG_MW07	WATER	11-Dec-13	4231	0.02	6.25	-128.9	20.5
BH_MW01	BH_MW01	WATER	02-Dec-13	5676	0.13	3.89	286.4	22.9
BH_MW02	BH_MW02	WATER	02-Dec-13	10,120	2.14	5.42	68.9	21.5
BH_MW03	BH_MW03	WATER	03-Dec-13	13,670	3.42	5.18	128.5	23.4
BH_MW04	BH_MW04	WATER	04-Dec-13	14,260	0	6.4	-146	21.8
BH_MW05	BH_MW05	WATER	04-Dec-13	5379	0.14	6.34	28.4	22.9
BH_MW06	BH_MW06	WATER	04-Dec-13	4260	0.51	7.3	79	24.1
BH_MW07	BH_MW07	WATER	04-Dec-13	4290	0.49	6.01	84	26.5
BH_MW08	BH_MW08	WATER	04-Dec-13	2631	0.28	7.28	37.1	23.4
BI_MW01	BI_MW01	WATER	02-Dec-13	7593	0.19	5.47	61.4	22.9
BI_MW02	BI_MW02	WATER	02-Dec-13	6255	1.86	3.91	267.4	22.4
BI_MW03	BI_MW03	WATER	02-Dec-13	14,380	0.38	6.1	-93.1	27.6
BK_MW04	BK_MW04	WATER	16-Dec-13	2990	2.37	7.06	28	19
BL_MW01	BL_MW01	WATER	11-Dec-13	4393	0.79	4.69	118.5	21.6
BL_MW03	BL_MW03	WATER	11-Dec-13	2019	-	6.75	-10.7	21.7
BL_MW04	BL_MW04	WATER	11-Dec-13	5157	1.53	6.6	49.8	24.7
BL_MW05	BL_MW05	WATER	11-Dec-13	3183	0.33	6.79	41.4	20.9
BL_MW06	BL_MW06	WATER	11-Dec-13	4457	0.38	6.54	34.3	25.1
BM_EW_MW01	BM_EW_MW01	WATER	13-Dec-13	3330	1.24	6.84	-8	19.5
BM_MW03	BM_MW03	WATER	13-Dec-13	3310	0.77	6.47	197	19.8
BM_MW05	BM_MW05	WATER	13-Dec-13	3660	0.55	6.68	149	25
BM_MW07	BM_MW07	WATER	13-Dec-13	3230	0.65	4.73	255	19.7
BO_MW01	BO_MW01	WATER	12-Dec-13	9666	5	7.44	40.4	24
BO_MW02	BO_MW02	WATER	12-Dec-13	11,880	7.42	6.7	44.9	18.6
BO_MW03	BO_MW03	WATER	12-Dec-13	10,670	2.72	6.8	6.8	19.5
BO_MW04	BO_MW04	WATER	12-Dec-13	6840	4.06	7.07	43.2	20.2
BO_MW05	BO_MW05	WATER	12-Dec-13	4831	6.66	7.09	13.8	19.2
BP_MW01	BP_MW01	WATER	03-Dec-13	1794	1.5	5	197.1	24
BP_MW02	BP_MW02	WATER	03-Dec-13	5689	0.13	6.03	94.3	20.3
BP_MW03	BP_MW03	WATER	03-Dec-13	9030	2.57	6.07	110	23.3
BP_MW04	BP_MW04	WATER	03-Dec-13	4906	0.05	5.75	60.1	20.9
BP_MW05	BP_MW05	WATER	03-Dec-13	5693	0.36	6.09	21	20.9
BP_MW06	BP_MW06	WATER	03-Dec-13	5714	0.56	6.75	44.6	24.1
BQ_EW_MW01	BQ_EW_MW01	WATER	10-Dec-13	4541	1.24	7.31	23.1	19.4
BQ_EW_MW02	BQ_EW_MW02	WATER	10-Dec-13	5661	1.1	6.55	34.5	20.1
BQ_EW_MW03	BQ_EW_MW03	WATER	10-Dec-13	7568	2.06	6.77	-120.4	25.8
BQ_MW01	BQ_MW01	WATER	19-Dec-13	2850	2.22	8.26	149	22.9
BQ_MW02	BQ_MW02	WATER	09-Dec-13	14,590	4.21	6.84	56.6	19.9
BQ_MW03	BQ_MW03	WATER	09-Dec-13	525	0.8	6.36	43	21.6
BQ_MW04	BQ_MW04	WATER	09-Dec-13	9594	6.01	6.76	36.5	20.7
BQ_MW05	BQ_MW05	WATER	09-Dec-13	4786	3.76	7.01	40	19.9
BQ_MW07	BQ_MW07	WATER	09-Dec-13	5798	4.86	6.84	32.1	20.2
BQ_MW08	BQ_MW08	WATER	09-Dec-13	3904	3.31	6.78	9	18.6
BQ_MW10	BQ_MW10	WATER	10-Dec-13	2989	0.13	4.16	61.5	21
BQ_MW11	BQ_MW11	WATER	10-Dec-13	6825	5.25	7.27	45.7	20.4
BQ_MW13	BQ_MW13	WATER	10-Dec-13	4174	0.81	6.73	23.9	21.4
BQ_MW14	BQ_MW14	WATER	12-Dec-13	7670	1.47	11.53	18	20
BR_MW01	BR_MW01	WATER	20-Dec-13	7296	1.09	6.45	4.3	23
BR_MW05	BR_MW05	WATER	19-Dec-13	2772	0.34	8.61	-234.5	22.1
BR_MW06	BR_MW06	WATER	19-Dec-13	2584	1.58	7.71	-126.7	27.3
BT_MW01	BT_MW01	WATER	19-Dec-13	4760	3.14	7.97	113	20.9
BU_MW01	BU_MW01	WATER	04-Dec-13	23,680	0.15	5.11	136.8	23.4
BU_MW02	BU_MW02	WATER	29-Nov-13	17,230	7.58	5.57	165.1	20.6
BU_MW03	BU_MW03	WATER	29-Nov-13	21,950	3.66	5.17	62	20.3
BV_MW01	BV_MW01	WATER	04-Dec-13	10,810	0.07	5.23	76.1	22.2
BV_MW04	BV_MW04	WATER	19-Dec-13	5240	1.59	6.48	64	22.6
BV_MW06	BV_MW06	WATER	05-Dec-13	5260	2.34	6.59	138	21.5
BV_MW07	BV_MW07	WATER	04-Dec-13	4620	1.14	7	140	21.8
BV_MW08	BV_MW08	WATER	28-Nov-13	14,840	63.1	3.83	281.4	34.5
BV_MW09	BV_MW09	WATER	28-Nov-13	12,450	7.89	5.09	78.1	23.5
BV_MW10	BV_MW10	WATER	28-Nov-13	14,820	5.96	5.91	61	22.5

				Field				
				Electrical conductivity	Dissolved Oxygen	pH	Redox	Temp
				uS/cm	mg/L	pH_Units	mV	oC
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**					
BV_MW11	BV_MW11	WATER	04-Dec-13	9091	0.1	6.01	-39.7	23.7
BV_MW12	BV_MW12	WATER	04-Dec-13	10,790	0.32	4.67	85.1	21.6
BV_MW13	BV_MW13	WATER	04-Dec-13	10,520	0.27	4.37	231	20.6
BX_MW03	BX_MW03	WATER	11-Dec-13	3870	0.2	3.92	397	19.1
BY_MW12	BY_MW12	WATER	17-Dec-13	14,900	3.02	5.15	238	18
BY_MW21	BY_MW21	WATER	11-Dec-13	23,010	5.32	6.37	176	20.8
BY_MW24	BY_MW24	WATER	18-Dec-13	17,420	0.88	3.53	399	30
BY_MW25	BY_MW25	WATER	17-Dec-13	14,540	0.6	5.51	213	16.7
BY_MW26	BY_MW26	WATER	18-Dec-13	15,380	1.48	6.81	143	9.8
BY_MW29	BY_MW29	WATER	20-Dec-13	3789	-	7.86	38.6	22.1

Statistical Summary

Number of Results	102	98	102	102	102
Number of Detects	102	98	102	102	102
Minimum Concentration	525	0	3.53	-234.5	9.8
Minimum Detect	525	0.02	3.53	ND	9.8
Maximum Concentration	86590	63.1	11.53	399	34.5
Maximum Detect	86590	63.1	11.53	399	34.5
Average Concentration	9179	2.7	6.3	85	22
Median Concentration	6472.5	1.325	6.455	63	21.5
Standard Deviation	9733	6.5	1.3	107	2.8
Number of Guideline Exceedances	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0

Table 3b. Surface Water Field Parameters
Bayswater Power Station- Stage 2 ESA
Project Symphony - 0224193

				Field					
				Electrical conductivity	Dissolved Oxygen	pH	Redox	Temp	Turbidity
				uS/cm	mg/L	pH_Units	mV	oC	mg/L
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**						
BW_SS01	BW_SS01	WATER	28-Nov-13	5593	5.78	7.23	-14.6	20.7	363.3
BW_SS06	BW_SS06	WATER	06-Sep-13	1075	9.15	8.02	115	18.5	698
BW_SS07	BW_SS07	WATER	28-Nov-13	4901	8.53	8.23	91.5	25.6	3185
BW_SS08	BW_SS08	WATER	28-Nov-13	4947	8.07	8.15	87	27.2	3213
BW_SS09	BW_SS09	WATER	28-Nov-13	5042	8.49	8.47	63.5	25.2	3284
BW_SS10	BW_SS10	WATER	06-Dec-13	5405	9.08	8.09	182.6	15.2	3517
BW_SS11	BW_SS11	WATER	27-Nov-13	2139	8.48	8.58	84.6	23.6	1391
BW_SS12	BW_SS12	WATER	27-Nov-13	2068	8.66	8.36	90	26.6	1339
BW_SS13	BW_SS13	WATER	27-Nov-13	2168	8.47	8.42	89.5	28.5	1407
BW_SS14	BW_SS14	WATER	27-Nov-13	788	10	8.25	100.6	19.7	516
BW_SS15	BW_SS15	WATER	27-Nov-13	810	10.41	7.98	109.4	16.5	530
BW_SS16	BW_SS16	WATER	27-Nov-13	2159	7.21	8.55	84.1	23.6	1403
BW_SS17	BW_SS17	WATER	27-Nov-13	2169	8.22	8.61	83	23.1	1409
BW_SS18	BW_SS18	WATER	27-Nov-13	2161	10.32	8.65	8.46	26.6	1404
BW_SS19	BW_SS19	WATER	28-Nov-13	2165	9.92	8.76	140.8	25.4	1411
BW_SS20	BW_SS20	WATER	28-Nov-13	2163	9.65	8.54	125.2	25.8	1404
BW_SS21	BW_SS21	WATER	28-Nov-13	2175	9.26	8.65	114.8	24.3	1413
BW_SS22	BW_SS22	WATER	28-Nov-13	2187	8.5	8.52	131	23.4	1421
BW_SS23	BW_SS23	WATER	28-Nov-13	2178	8.35	8.61	95.5	24.1	1415
BW_SS24	BW_SS24	WATER	28-Nov-13	2175	8.13	8.68	88.6	23.9	1413
BW_SS25	BW_SS25	WATER	29-Nov-13	2194	9.22	8.6	48.8	23.4	1424
BW_SS25	BW_SS33	WATER	28-Nov-13	2170	8.61	8.61	89.9	23.4	1410
BW_SS26	BW_SS26	WATER	28-Nov-13	2176	7.36	8.56	88.8	23.5	1414
BW_SS27	BW_SS27	WATER	29-Nov-13	2181	9.5	8.95	890	24.4	1418
BW_SS28	BW_SS28	WATER	29-Nov-13	2196	9.49	8.52	98.2	24.8	1427
BW_SS29	BW_SS29	WATER	29-Nov-13	-	10	8.76	91	24	1428
BW_SS30	BW_SS30	WATER	29-Nov-13	2199	9.97	8.77	881	23.9	1429
BW_SS31	BW_SS31	WATER	29-Nov-13	2187	9.52	8.73	80.6	23.8	1424
BW_SS32	BW_SS32	WATER	29-Nov-13	2201	10.04	8.8	87.5	23.9	1430
BW_SS34	BW_SS34	WATER	29-Nov-13	2212	9.85	8.76	85.2	24	1435
BW_SS35	BW_SS35	WATER	26-Nov-13	2209	9.83	8.74	111.2	25.1	1437
BW_SS36	BW_SS36	WATER	26-Nov-13	2189	9.74	8.56	103.8	23.8	1422
BW_SS37	BW_SS37	WATER	26-Nov-13	2177	9.82	8.67	103.7	24.1	1417
BW_SS38	BW_SS38	WATER	26-Nov-13	2220	10.06	8.74	103.9	25.1	1443
BW_SS39	BW_SS39	WATER	26-Nov-13	2194	9.82	8.74	102.2	25.8	1426
BW_SS41	BW_SS41	WATER	27-Nov-13	2159	9.38	8.6	119.9	23.6	1407
BW_SS42	BW_SS42	WATER	27-Nov-13	2172	9.62	8.81	111.5	23.8	1411
BW_SS43	BW_SS40	WATER	27-Nov-13	2185	9.54	8.63	168.9	23.4	1430
BW_SS43	BW_SS43	WATER	27-Nov-13	2171	9.34	8.79	103.6	23.6	1411
BW_SS45	BW_SS45	WATER	27-Nov-13	2102	8.72	8.55	106.9	24.7	1366
BW_SS46	BW_SS46	WATER	27-Nov-13	2191	7.46	8.42	106.1	26.5	1422
BW_SS47	BW_SS47	WATER	27-Nov-13	2227	7.09	8.32	108.3	26.5	1444
BW_SS48	BW_SS48	WATER	27-Nov-13	2166	8.54	8.42	102.2	25.3	1413
BW_SS49	BW_SS49	WATER	27-Nov-13	2091	6.84	8.45	13.1	23.8	1359
BW_SS50	BW_SS50	WATER	27-Nov-13	2151	7.75	8.55	57.8	23.3	1394
BW_SS51	BW_SS51	WATER	27-Nov-13	2160	7.59	8.55	68.3	23.3	1403
BW_SS52	BW_SS52	WATER	27-Nov-13	2165	7.8	8.42	77.5	27.3	1406
BW_SS53	BW_SS53	WATER	27-Nov-13	2157	7.44	8.56	74	23.3	1402
BW_SS54	BW_SS54	WATER	27-Nov-13	2184	7.95	8.36	83.6	26.8	1418

Statistical Summary

Number of Results	48	49	49	49	49	49
Number of Detects	48	49	49	49	49	49
Minimum Concentration	788	5.78	7.23	-14.6	15.2	363.3
Minimum Detect	788	5.78	7.23	ND	15.2	363.3
Maximum Concentration	5593	10.41	8.95	890	28.5	3517
Maximum Detect	5593	10.41	8.95	890	28.5	3517
Average Concentration	2405	8.8	8.5	125	24	1494
Median Concentration	2175.5	9.08	8.56	95.5	23.9	1413
Standard Deviation	1010	1.1	0.28	162	2.5	599
Number of Guideline Exceedances	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0

Table 4a. AEC BA Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				BTEX							Inorganics									Lead	Metals											
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum	Nickel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.1	5	5	10	1	50	1	2	2	5	5	0.1	2	2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND				3[#9]	NL[#9]	NL[#9]			230[#9]																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND				3[#8]	NL[#8]	NL[#8]			NL[#8]																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND				3[#7]	NL[#7]	NL[#7]			NL[#7]																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND				3[#10]	NL[#10]	NL[#10]			NL[#10]																							
Human Health - Direct Contact - HSL-D				430[#12]	NL[#12]	NL[#12]			81000[#12]																							
Human Health - Intrusive - Vapour Intrusion 0-<2m				77[#5]	NL[#5]	NL[#5]			NL[#5]																							
Human Health - Intrusive - Vapour Intrusion 2-<4m				160[#4]	NL[#4]	NL[#4]			NL[#4]																							
Human Health - Intrusive - Vapour Intrusion + 4m				NL[#6]	NL[#6]	NL[#6]			NL[#6]																							
Human Health - Intrusive - Direct Contact				1100[#11]	120000[#11]	85000[#11]			130000[#11]																							
Human Health - Direct Contact - HIL-D																				1500[#13]	3000[#13]				900[#13]		4000[#13]	240000[#13]		730[#13]		6000[#13]
EIL - Commercial / Industrial (Aged)																				1800[#2]	160[#3]					550[#1]		320[#1]				450[#1]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)				75[#14]	135[#14]	165[#14]			180[#14]																							
NEPM (2013) ESL - Commercial & Industrial (Fine)				95[#14]	135[#14]	185[#14]			95[#14]																							

Location Code	Field ID	Matrix Type	Sampled Date																															
BA_MW01	BA_MW01_0.1	SOIL	07-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	24.2	-	18.1	-	12.7	9.7	1.6	0.3	6.4	19	10	130	1	<50	<1	34	11	23	227	-	<2	26
BA_MW01	BA_MW01_1.75	SOIL	28-Nov-13	-	-	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	19.2	239	11.1	<0.1	7.2	9.4	0.2	2.3	-	13	75	40	<1	<50	1	23	7	30	148	-	<2	22
BA_MW02	BA_MW02_0.5	SOIL	10-Dec-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	10.1	1700	17.6	<0.1	0.2	<0.1	0.2	9.6	7.6	21	18	210	1	<50	<1	20	3	24	38	<0.1	<2	14
BA_MW02	BA_MW02_2.1	SOIL	10-Dec-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	0.2	1130	15	<0.1	<0.1	<0.1	<0.1	<0.1	4.6	12	8	220	<1	<50	<1	9	3	12	23	<0.1	<2	7
BA_MW03	BA_MW03_0.1	SOIL	06-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	15	-	5.9	<0.1	11.6	3	0.3	<0.1	-	13	8	80	<1	<50	<1	12	9	11	251	-	<2	12
BA_MW03	BA_MW03_1.75	SOIL	28-Nov-13	-	-	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	9.4	155	13.4	<0.1	1.4	5.7	0.3	2	-	25	6	110	<1	<50	<1	10	<2	14	14	-	<2	3

Statistical Summary

Number of Results	4	4	6	6	6	6	6	6	6	6	6	4	6	5	6	6	6	6	3	6	6	6	6	6	6	6	6	6	2	6	6
Number of Detects	4	4	0	0	0	0	0	0	0	0	6	4	6	0	5	4	5	4	3	6	6	6	2	0	1	6	5	6	6	0	0	6
Minimum Concentration	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	0.2	155	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	4.6	12	6	40	<1	<50	<1	9	<2	11	14	<0.1	<2	3
Minimum Detect	0.6	1.2	ND	ND	ND	ND	ND	ND	ND	ND	0.2	155	5.9	ND	0.2	3	0.2	0.3	4.6	12	6	40	1	ND	1	9	3	11	14	ND	ND	3
Maximum Concentration	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	24.2	1700	18.1	<0.1	12.7	9.7	1.6	9.6	7.6	25	75	220	1	<50	1	34	11	30	251	<0.1	<2	26
Maximum Detect	0.6	1.2	ND	ND	ND	ND	ND	ND	ND	ND	24.2	1700	18.1	ND	12.7	9.7	1.6	9.6	7.6	25	75	220	1	ND	1	34	11	30	251	ND	ND	26
Average Concentration	0.6	1.2	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	13	806	14	0.05	5.5	4.7	0.44	2.4	6.2	17	21	132	0.67	25	0.58	18	5.7	19	117		1	14
Median Concentration	0.6	1.2	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	12.55	684.5	14.2	0.05	4.3	4.35	0.25	1.15	6.4	16	9	120	0.5	25	0.5	16	5	18.5	93	0.05	1	13
Standard Deviation	0	0	0	0	0	0	0	0	0	0	8.4	742	4.6	0	5.8	4.3	0.57	3.7	1.5	5.3	27	71	0.26	0	0.2	9.7	3.9	7.7	106		0	8.7
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#14 ASC NEPM (2013) Ecological Screening Levels for Soil
#15 Generic napthalene ACL for commercial/industrial

						PAH/Phenols																												
						2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	Selenium	Thallium	Vanadium	Zinc																														
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																												NL [#9]					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																												NL [#8]					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																												NL [#7]					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																												NL [#10]					
Human Health - Direct Contact - HSL-D																												11000 [#12]					
Human Health - Intrusive - Vapour Intrusion 0-<2m																												NL [#5]					
Human Health - Intrusive - Vapour Intrusion 2-<4m																												NL [#4]					
Human Health - Intrusive - Vapour Intrusion + 4m																												NL [#6]					
Human Health - Intrusive - Direct Contact																												29000 [#11]					
Human Health - Direct Contact - HIL-D	10000 [#13]			400000 [#13]																									4000 [#13]	660 [#13]		240000 [#13]	
EIL - Commercial / Industrial (Aged)				1100 [#1]																								370 [#15]					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																	
NEPM (2013) ESL - Commercial & Industrial (Coarse)																			1.4 [#14]														
NEPM (2013) ESL - Commercial & Industrial (Fine)																			1.4 [#14]														
BA_MW01	BA_MW01_0.1	SOIL	07-Nov-13	<5	<5	86	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BA_MW01	BA_MW01_1.75	SOIL	28-Nov-13	<5	<5	58	86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BA_MW02	BA_MW02_0.5	SOIL	10-Dec-13	<5	<5	77	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BA_MW02	BA_MW02_2.1	SOIL	10-Dec-13	<5	<5	20	185	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BA_MW03	BA_MW03_0.1	SOIL	06-Nov-13	<5	<5	35	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BA_MW03	BA_MW03_1.75	SOIL	28-Nov-13	<5	<5	9	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Statistical Summary																																		
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<5	9	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	9	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<5	86	185	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	86	185	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	2.5	2.5	48	86	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25
Median Concentration	2.5	2.5	46.5	69.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25
Standard Deviation	0	0	31	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#14 ASC NEPM (2013) Ecological Screening Levels for Soil
#15 Generic napthalene ACL for commercial/industrial

	TRH											
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	260[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	370[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	630[#7]	NL[#7]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#10]	NL[#10]										
Human Health - Direct Contact - HSL-D	NL[#12]	NL[#12]							20000[#12]	27000[#12]	38000[#12]	26000[#12]
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#4]	NL[#4]										
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#6]	NL[#6]										
Human Health - Intrusive - Direct Contact	82000[#11]	62000[#11]								85000[#11]	120000[#11]	
Human Health - Direct Contact - HIL-D												
EIL - Commercial / Industrial (Aged)												
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)	215[#14]								170[#14]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)										1700[#14]	3300[#14]	
NEPM (2013) ESL - Commercial & Industrial (Fine)										2500[#14]	6600[#14]	

Location Code	Field ID	Matrix Type	Sampled Date											
BA_MW01	BA_MW01_0.1	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BA_MW01	BA_MW01_1.75	SOIL	28-Nov-13	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BA_MW02	BA_MW02_0.5	SOIL	10-Dec-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BA_MW02	BA_MW02_2.1	SOIL	10-Dec-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BA_MW03	BA_MW03_0.1	SOIL	06-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BA_MW03	BA_MW03_1.75	SOIL	28-Nov-13	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	6	0	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<10	99999	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<10	0	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	5		5	25	50	50	25	25	25	50	50	5
Median Concentration	5		5	25	50	50	25	25	25	50	50	5
Standard Deviation	0		0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#14 ASC NEPM (2013) Ecological Screening Levels for Soil
#15 Generic napthalene ACL for commercial/industrial

Table 4b. AEC BB Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

Location Code	Field ID	Matrix Type	Sampled Date				Particle Size																
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BB_MW01	BB_MW01_0.1	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW01	BB_MW01_2.3	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW02	BB_MW02_0.1	SOIL	27-Nov-13	0.6	1.2	<0.5	14	36	5	12	24	<1	9	20	17	<1	48	5	52	37	12	<1	1.6
BB_MW02	BB_MW02_9.0	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW03	BB_MW03_0.5	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW03	BB_MW03_0.9	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW03	BB_MW03_3.6	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW03	BB_MW03_5.9	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW04	BB_MW04_0.5	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW04	BB_MW04_9.5	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB_MW05	BB_MW05_3.0	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																							
Number of Results				8	8	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				8	8	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1
Minimum Concentration				0.6	1.2	<0.5	14	36	5	12	24	<1	9	20	17	<1	48	5	52	37	12	<1	1.6
Minimum Detect				0.6	1.2	ND	14	36	5	12	24	ND	9	20	17	ND	48	5	52	37	12	ND	1.6
Maximum Concentration				0.6	1.2	<0.5	14	36	5	12	24	<1	9	20	17	<1	48	5	52	37	12	<1	1.6
Maximum Detect				0.6	1.2	ND	14	36	5	12	24	ND	9	20	17	ND	48	5	52	37	12	ND	1.6
Average Concentration				0.6	1.2	0.25																	
Median Concentration				0.6	1.2	0.25	14	36	5	12	24	0.5	9	20	17	0.5	48	5	52	37	12	0.5	1.6
Standard Deviation				0	0	0																	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Location Code	Field ID	Matrix Type	Sampled Date	BTEX							Inorganics									
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%
EQL				0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND				3[#10]	NL[#10]	NL[#10]			230[#10]											
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND				3[#9]	NL[#9]	NL[#9]			NL[#9]											
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND				3[#8]	NL[#8]	NL[#8]			NL[#8]											
Human Health - HSL-D - Vapour Intrusion + 4m SAND				3[#11]	NL[#11]	NL[#11]			NL[#11]											
Human Health - Direct Contact - HSL-D				430[#13]	NL[#13]	NL[#13]			81000[#13]											
Human Health - Intrusive - Vapour Intrusion 0-<2m				77[#6]	NL[#6]	NL[#6]			NL[#6]											
Human Health - Intrusive - Vapour Intrusion 2-<4m				160[#5]	NL[#5]	NL[#5]			NL[#5]											
Human Health - Intrusive - Vapour Intrusion + 4m				NL[#7]	NL[#7]	NL[#7]			NL[#7]											
Human Health - Intrusive - Direct Contact				1100[#12]	120000[#12]	85000[#12]			130000[#12]											
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)				75[#15]	135[#15]	165[#15]			180[#15]											
NEPM (2013) ESL - Commercial & Industrial (Fine)				95[#15]	135[#15]	185[#15]			95[#15]											
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BB_MW01	BB_MW01_0.1	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	9.4	-	16.6	<0.1	1.2	7.1	0.3	0.8	6.4	-
BB_MW01	BB_MW01_2.3	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	9.8	-	18.4	<0.1	2.7	6.1	0.4	0.6	7.3	-
BB_MW02	BB_MW02_0.1	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	25.1	466	25	<0.1	22.1	2.6	0.3	<0.1	7.6	1
BB_MW02	BB_MW02_9.0	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	12.2	-	16.6	<0.1	4.8	6.6	0.4	0.5	8.3	-
BB_MW03	BB_MW03_0.5	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	10.6	-	20	<0.1	3.2	6.3	0.4	0.7	5.2	-
BB_MW03	BB_MW03_0.9	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	10	-	16.8	<0.1	2.4	6.8	0.3	0.5	7.7	-
BB_MW03	BB_MW03_3.6	SOIL	28-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	20.1	960	11.8	<0.1	18.8	1	0.2	<0.1	4.2	-
BB_MW03	BB_MW03_5.9	SOIL	28-Nov-13	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.3	11	4900	21.6	<0.1	3.8	6.4	0.6	0.2	7.5	-
BB_MW04	BB_MW04_0.5	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	13.5	-	24.3	<0.1	2.3	8.6	1	1.6	4.8	-
BB_MW04	BB_MW04_9.5	SOIL	28-Nov-13	<0.2	0.6	<0.5	0.8	<0.5	0.8 - 1.05	1.4	15.5	4580	20.7	<0.1	11.9	3	0.5	0.1	7.3	-
BB_MW05	BB_MW05_3.0	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	11.9	-	20	<0.1	2.6	8.4	0.4	0.5	7.9	-
Statistical Summary																				
Number of Results				11	11	11	11	11	11	11	11	4	11	11	11	11	11	11	11	1
Number of Detects				1	1	0	1	0	1	2	11	4	11	0	11	11	11	9	11	1
Minimum Concentration				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	9.4	466	11.8	<0.1	1.2	1	0.2	<0.1	4.2	1
Minimum Detect				0.3	0.6	ND	0.8	ND	0.8	0.3	9.4	466	11.8	ND	1.2	1	0.2	0.1	4.2	1
Maximum Concentration				0.3	0.6	<0.5	0.8	<0.5	1.05	1.4	25.1	4900	25	<0.1	22.1	8.6	1	1.6	8.3	1
Maximum Detect				0.3	0.6	ND	0.8	ND	1.05	1.4	25.1	4900	25	ND	22.1	8.6	1	1.6	8.3	1
Average Concentration				0.12	0.28	0.25	0.3	0.25	0.31	0.24	14	2727	19	0.05	6.9	5.7	0.44	0.51	6.7	
Median Concentration				0.1	0.25	0.25	0.25	0.25	0.25	0.1	11.9	2770	20	0.05	3.2	6.4	0.4	0.5	7.3	1
Standard Deviation				0.06	0.11	0	0.17	0	0.2	0.39	4.9	2337	3.8	0	7.3	2.4	0.22	0.45	1.4	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Lead	Metals																	PAH/Phenols																				
	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum	Nickel	Selenium	Thallium	Titanium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	10	1	50	1	2	2	5	5	0.1	2	2	5	5	10	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																						
Human Health - Direct Contact - HSL-D																																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																																						
Human Health - Intrusive - Vapour Intrusion + 4m																																						
Human Health - Intrusive - Direct Contact																																						
Human Health - Direct Contact - HIL-D	1500[#14]	3000[#14]				900[#14]		4000[#14]	240000[#14]		730[#14]		6000[#14]	10000[#14]				400000[#14]																						
EIL - Commercial / Industrial (Aged)	1800[#3]	160[#4]					550[#1]		320[#1]				450[#1]					1100[#1]																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																	1.4[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																																	1.4[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BB_MW01	BB_MW01_0.1	SOIL	27-Nov-13	11	8	110	<1	<50	<1	14	4	11	101	<0.1	<2	12	<5	<5	-	33	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW01	BB_MW01_2.3	SOIL	27-Nov-13	12	10	90	<1	<50	<1	17	34	15	672	<0.1	<2	23	<5	<5	-	41	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW02	BB_MW02_0.1	SOIL	27-Nov-13	11	10	100	<1	<50	<1	15	7	7	98	<0.1	<2	13	<5	<5	-	35	40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW02	BB_MW02_9.0	SOIL	27-Nov-13	13	6	60	<1	<50	<1	8	7	7	1190	<0.1	<2	8	<5	<5	-	17	36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW03	BB_MW03_0.5	SOIL	27-Nov-13	19	17	550	1	<50	1	26	6	14	56	<0.1	4	12	<5	<5	-	56	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW03	BB_MW03_0.9	SOIL	27-Nov-13	21	14	120	<1	<50	1	22	7	16	82	<0.1	<2	20	<5	<5	-	47	87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW03	BB_MW03_3.6	SOIL	28-Nov-13	10	8	10	<1	<50	<1	11	4	21	19	-	<2	16	<5	-	<10	20	73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW03	BB_MW03_5.9	SOIL	28-Nov-13	15	8	40	<1	<50	<1	13	8	26	251	-	<2	24	<5	-	<10	31	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW04	BB_MW04_0.5	SOIL	27-Nov-13	22	20	400	<1	<50	1	24	4	29	32	<0.1	<2	23	<5	<5	-	47	101	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW04	BB_MW04_9.5	SOIL	28-Nov-13	18	29	50	<1	<50	1	9	12	26	304	-	2	38	<5	-	20	20	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BB_MW05	BB_MW05_3.0	SOIL	27-Nov-13	12	9	130	<1	<50	<1	16	4	13	122	<0.1	<2	13	<5	<5	-	37	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	11	11	11	11	11	11	11	11	11	11	8	11	11	11	8	3	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects	11	11	11	1	0	4	11	11	11	11	0	2	11	0	0	1	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	10	6	10	<1	<50	<1	8	4	7	19	<0.1	<2	8	<5	<5	<10	17	36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	10	6	10	1	ND	1	8	4	7	19	ND	2	8	ND	ND	20	17	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	22	29	550	1	<50	1	26	34	29	1190	<0.1	4	38	<5	<5	20	56	101	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	22	29	550	1	ND	1	26	34	29	1190	ND	4	38	ND	ND	20	56	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	15	13	151	0.55	25	0.68	16	8.8	17	266	0.05	1.4	18	2.5	2.5	10	35	71	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	13	10	100	0.5	25	0.5	15	7	15	101	0.05	1	16	2.5	2.5	5	35	76	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	4.3	6.9	168	0.15	0	0.25	5.9	8.7	7.7	359	0	0.92	8.5	0	0	8.7	13	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapc
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

													TRH											
		Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	10	50	10	50	100	100	50		50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND							NL[#10]						260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND							NL[#9]						370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND							NL[#8]						630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND							NL[#11]						NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D							11000[#13]						NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m							NL[#6]						NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m							NL[#5]						NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m							NL[#7]						NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact							29000[#12]						82000[#12]	62000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D								4000[#14]	660[#14]		240000[#14]													
EIL - Commercial / Industrial (Aged)							370[#2]																	
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)													215[#15]								170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																						2500[#15]	6600[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																					
BB_MW01	BB_MW01_0.1	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW01	BB_MW01_2.3	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW02	BB_MW02_0.1	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW02	BB_MW02_9.0	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW03	BB_MW03_0.5	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW03	BB_MW03_0.9	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW03	BB_MW03_3.6	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW03	BB_MW03_5.9	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<1 - 1.3	2	<2	0.7	<0.5	<0.5	13	-	12	<50	<100	<100	<50	<50	<50	<100	<100	13
BB_MW04	BB_MW04_0.5	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BB_MW04	BB_MW04_9.5	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<1 - 1.8	2.5	<2	0.7	<0.5	<0.5	21	-	19	<50	<100	<100	<50	<50	<50	<100	<100	22
BB_MW05	BB_MW05_3.0	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Statistical Summary																								
Number of Results		11	11	11	11	11	11	11	11	11	11	11	11	8	11	11	11	11	11	11	11	11	11	11
Number of Detects		0	0	0	0	0	2	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Minimum Concentration		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect		ND	ND	ND	ND	ND	ND	2	ND	0.7	ND	ND	13	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	13
Maximum Concentration		<0.5	<0.5	<0.5	<0.5	<0.5	1.8	2.5	<2	0.7	<0.5	<0.5	21	<50	19	<50	<100	<100	<50	<50	<50	<100	<100	22
Maximum Detect		ND	ND	ND	ND	ND	1.8	2.5	ND	0.7	ND	ND	21	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	22
Average Concentration		0.25	0.25	0.25	0.25	0.25	0.39	0.61	1	0.33	0.25	0.25	7.2	25	6.9	25	50	50	25	25	25	50	50	7.3
Median Concentration		0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation		0	0	0	0	0	0.32	0.82	0	0.18	0	0	5.2	0	4.5	0	0	0	0	0	0	0	0	5.4
Number of Guideline Exceedances		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
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#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
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#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Particle Size																	BTEX						
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]	
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]	
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]	
Human Health - Intrusive - Vapour Intrusion 0-<2m																					77[#6]	NL[#6]	NL[#6]			NL[#6]	
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]	
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]	
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]	
Human Health - Direct Contact - HIL-D																											
EIL - Commercial / Industrial (Aged)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																								
BC_MW01	BC_MW01_0.3	SOIL	07-Nov-13	0.6	1.2	<0.5	11	22	<1	7	19	<1	4	16	14	<1	30	<1	70	23	7	<1	0.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW02	BC_MW02_0.3	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW02	BC_MW02_2.5	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW03	BC_MW03_0.1	SOIL	06-Nov-13	-	-	-	60	72	<1	55	69	<1	48	66	64	<1	76	35	24	21	55	<1	-	-	-	-	-	-	-	-
BC_MW03	BC_MW03_2.0	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW04	BC_MW04_0.3	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW04	BC_MW04_1.6	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_MW05	BC_MW05_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC_MW05	BC_MW05_1.8	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB01	BC_SB01_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB01	BC_SB01_1.6	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB02	BC_SB02_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB02	BC_SB02_1.5	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB03	BC_SB03_0.1	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB03	BC_SB03_2.0	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB04	BC_SB04_0.1	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BC_SB04	BC_SB04_1.5	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Statistical Summary																											
Number of Results	15	15	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	15	15	15	15	15	15	15
Number of Detects	15	15	0	2	2	0	2	2	0	2	2	2	0	2	1	2	2	2	0	1	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	11	22	<1	7	19	<1	4	16	14	<1	30	<1	24	21	7	<1	0.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Minimum Detect	0.6	1.2	ND	11	22	ND	7	19	ND	4	16	14	ND	30	35	24	21	7	ND	0.6	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.6	1.2	<0.5	60	72	<1	55	69	<1	48	66	64	<1	76	35	70	23	55	<1	0.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Maximum Detect	0.6	1.2	ND	60	72	ND	55	69	ND	48	66	64	ND	76	35	70	23	55	ND	0.6	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1
Median Concentration	0.6	1.2	0.25	35.5	47	0.5	31	44	0.5	26	41	39	0.5	53	17.75	47	22	31	0.5	0.6	0.1	0.25	0.25	0.25	0.25	0.25	0.1
Standard Deviation	0	0	0																		0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Inorganics								Lead	Metals							PAH/Phenols																					
	CEC	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene
	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	1	0.1	0.1	0.1	0.1	0.1	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																				
Human Health - Direct Contact - HSL-D																																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																																				
Human Health - Intrusive - Vapour Intrusion + 4m																																				
Human Health - Intrusive - Direct Contact																																				
Human Health - Direct Contact - HIL-D									1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																					
EIL - Commercial / Industrial (Aged)									1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]																					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															1.4[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																															1.4[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BC_MW01	BC_MW01_0.3	SOIL	07-Nov-13	25.7	14.2	23.9	1.4	0.3	<0.1	8.7	<0.5	10	6	<1	18	17	<0.1	21	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW02	BC_MW02_0.3	SOIL	07-Nov-13	-	13.3	-	-	-	-	-	-	12	7	<1	18	19	<0.1	17	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW02	BC_MW02_2.5	SOIL	12-Nov-13	-	19.1	-	-	-	-	-	-	16	10	<1	26	23	<0.1	28	61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW03	BC_MW03_0.1	SOIL	06-Nov-13	-	21.6	-	-	-	-	-	-	22	8	<1	16	26	<0.1	13	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC_MW03	BC_MW03_2.0	SOIL	12-Nov-13	-	19.9	-	-	-	-	-	-	11	6	<1	15	20	<0.1	16	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW04	BC_MW04_0.3	SOIL	07-Nov-13	-	19.6	-	-	-	-	-	-	12	6	<1	22	20	<0.1	16	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW04	BC_MW04_1.6	SOIL	12-Nov-13	-	12.2	-	-	-	-	-	-	9	6	<1	12	18	<0.1	13	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_MW05	BC_MW05_0.1	SOIL	06-Nov-13	-	24	-	-	-	-	-	-	9	<5	<1	12	14	<0.1	8	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC_MW05	BC_MW05_1.8	SOIL	12-Nov-13	-	22.1	-	-	-	-	-	-	7	<5	<1	16	11	0.1	15	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB01	BC_SB01_0.2	SOIL	06-Nov-13	-	22.2	-	-	-	-	-	-	14	7	<1	19	20	<0.1	18	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB01	BC_SB01_1.6	SOIL	12-Nov-13	-	15.3	-	-	-	-	-	-	12	7	<1	20	19	<0.1	15	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB02	BC_SB02_0.2	SOIL	06-Nov-13	-	13.1	-	-	-	-	-	-	16	8	<1	19	27	<0.1	14	61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB02	BC_SB02_1.5	SOIL	12-Nov-13	-	17.3	-	-	-	-	-	-	16	12	<1	24	27	<0.1	19	71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB03	BC_SB03_0.1	SOIL	07-Nov-13	-	21.7	-	-	-	-	-	-	19	14	<1	24	24	<0.1	18	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB03	BC_SB03_2.0	SOIL	12-Nov-13	-	17.4	-	-	-	-	-	-	21	11	<1	24	41	<0.1	70	165	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB04	BC_SB04_0.1	SOIL	07-Nov-13	-	9	-	-	-	-	-	-	21	14	<1	26	26	<0.1	22	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BC_SB04	BC_SB04_1.5	SOIL	12-Nov-13	-	14.2	-	-	-	-	-	-	5	<5	<1	18	16	<0.1	13	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																				
Number of Results	1	17	1	1	1	1	1	1	17	17	17	17	17	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Number of Detects	1	17	1	1	1	0	1	0	17	14	0	17	17	1	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	25.7	9	23.9	1.4	0.3	<0.1	8.7	<0.5	5	<5	<1	12	11	<0.1	8	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	25.7	9	23.9	1.4	0.3	ND	8.7	ND	5	6	ND	12	11	0.1	8	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	25.7	24	23.9	1.4	0.3	<0.1	8.7	<0.5	22	14	<1	26	41	0.1	70	215	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	25.7	24	23.9	1.4	0.3	ND	8.7	ND	22	14	ND	26	41	0.1	70	215	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		17							14	7.6	0.5	19	22	0.053	20	77	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	25.7	17.4	23.9	1.4	0.3	0.05	8.7	0.25	12	7	0.5	19	20	0.05	16	64	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation		4.3							5.1	3.6	0	4.4	6.8	0.012	14	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

											TRH											
	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND					NL[#10]						260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND					NL[#9]						370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND					NL[#8]						630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND					NL[#11]						NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D					11000[#13]						NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m					NL[#6]						NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m					NL[#5]						NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m					NL[#7]						NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact					29000[#12]						82000[#12]	82000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D						4000[#14]	660[#14]		240000[#14]													
EIL - Commercial / Industrial (Aged)					370[#2]																	
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)											215[#15]								170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																				2500[#15]	6600[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BC_MW01	BC_MW01_0.3	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW02	BC_MW02_0.3	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW02	BC_MW02_2.5	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW03	BC_MW03_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC_MW03	BC_MW03_2.0	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW04	BC_MW04_0.3	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW04	BC_MW04_1.6	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_MW05	BC_MW05_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC_MW05	BC_MW05_1.8	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB01	BC_SB01_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB01	BC_SB01_1.6	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB02	BC_SB02_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB02	BC_SB02_1.5	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB03	BC_SB03_0.1	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB03	BC_SB03_2.0	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB04	BC_SB04_0.1	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BC_SB04	BC_SB04_1.5	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50	25	25	25	50	50	5
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
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#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
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#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapc
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
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#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Particle Size																		BTEX							Inorganics									
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							3[#10]	NL[#10]	NL[#10]			230[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							3[#9]	NL[#9]	NL[#9]			NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							3[#8]	NL[#8]	NL[#8]			NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							3[#11]	NL[#11]	NL[#11]			NL[#11]										
Human Health - Direct Contact - HSL-D																							430[#13]	NL[#13]	27000[#13]			81000[#13]										
Human Health - Intrusive - Vapour Intrusion 0-<2m																							77[#6]	NL[#6]	NL[#6]			NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m																							160[#5]	NL[#5]	NL[#5]			NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m																							NL[#7]	NL[#7]	NL[#7]			NL[#7]										
Human Health - Intrusive - Direct Contact																							1100[#12]	120000[#12]	85000[#12]			130000[#12]										
Human Health - Direct Contact - HIL-D																																					
EIL - Commercial / Industrial (Aged)																																					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							75[#15]	135[#15]	165[#15]			180[#15]										
NEPM (2013) ESL - Commercial & Industrial (Fine)																							95[#15]	135[#15]	185[#15]			95[#15]										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BE_MW01	BE_MW01_0.1	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	11.2	-	-	-	-	-	-	-
BE_MW03	BE_MW03_0.1	SOIL	08-Nov-13	0.7	1.3	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	11.5	-	-	-	-	-	-	-
BE_MW03	BE_MW03_2.0	SOIL	29-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	16.2	-	-	-	-	-	-	-
BE_MW04	BE_MW04_1.0	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	17.7	-	-	-	-	-	-	-
BE_MW04	BE_MW04_2.0	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	17.3	-	-	-	-	-	-	-
BE_MW05	BE_MW05_0.1	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	13.6	-	-	-	-	-	-	-
BE_MW05	BE_MW05_1.5	SOIL	15-Nov-13	-	-	-	11	13	<1	11	12	<1	10	12	12	<1	18	9	82	7	11	<1	0.9	-	-	-	-	-	-	-	20.8	-	<0.1	12.7	7.3	0.2	0.6	7.6	0.5
BE_MW05	BE_MW05_2.0	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	22.2	-	-	-	-	-	-	-
BE_MW06	BE_MW06_0.1	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	12.6	-	-	-	-	-	-	-
BE_MW06	BE_MW06_6.0	SOIL	22-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	17.8	-	-	-	-	-	-	-
BE_MW07	BE_MW07_0.5	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	13.3	-	-	-	-	-	-	-
BE_MW07	BE_MW07_6.0	SOIL	22-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	19.6	-	-	-	-	-	-	-
BE_MW08	BE_MW08_0.5	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	19	-	-	-	-	-	-	-
BE_MW08	BE_MW08_5.2	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	12.7	-	-	-	-	-	-	-
BE_MW09	BE_MW09_0.1	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	8.2	-	-	-	-	-	-	-
BE_MW09	BE_MW09_0.9	SOIL	26-Nov-13	-	-	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	97	3	<1	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	41.7	14	<0.1	40.2	1.1	0.2	0.2	4.1	<0.5
Statistical Summary																																					
Number of Results				9	9	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15	15	15	15	15	15	15	2	15	2	2	2	2	2	2	2
Number of Detects				9	9	0	1	1	0	1	1	0	1	1	1	0	2	1	2	2	1	0	1	0	0	0	0	0	0	0	2	15	0	2	2	2	2	2	1
Minimum Concentration				0.6	1.2	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	82	3	<1	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	20.8	8.2	<0.1	12.7	1.1	0.2	0.2	4.1	<0.5
Minimum Detect				0.6	1.2	ND	11	13	ND	11	12	ND	10	12	12	ND	3	9	82	3	11	ND	0.9	ND	ND	ND	ND	ND	ND	ND	20.8	8.2	ND	12.7	1.1	0.2	0.2	4.1	0.5
Maximum Concentration				0.7	1.3	<0.5	11	13	<1	11	12	<1	10	12	12	<1	18	9	97	7	11	<1	0.9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	41.7	22.2	<0.1	40.2	7.3	0.2	0.6	7.6	0.5
Maximum Detect				0.7	1.3	ND	11	13	ND	11	12	ND	10	12	12	ND	18	9	97	7	11	ND	0.9	ND	ND	ND	ND	ND	ND	ND	41.7	22.2	ND	40.2	7.3	0.2	0.6	7.6	0.5
Average Concentration				0.61	1.2	0.25																	0.1	0.25	0.25	0.25	0.25	0.25	0.1		15							
Median Concentration				0.6	1.2	0.25	5.75	6.75	0.5	5.75	6.25	0.5	5.25	6.25	6.25	0.5	10.5	4.75	89.5	5	5.75	0.5	0.575	0.1	0.25	0.25	0.25	0.25	0.25	0.1	31.25	14	0.05	26.45	4.2	0.2	0.4	5.85	0.375
Standard Deviation				0.033	0.033	0																	0	0	0	0	0	0	0		3.8							
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

ERM

Table 4e. AEC BE Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Lead	Metals							PAH/Phenols																														TRH									
	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							NL[#10]														260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							NL[#9]														370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							NL[#8]														630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							NL[#11]														NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D																							11000[#13]														NL[#13]	NL[#13]						20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m																							NL[#6]														NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m																							NL[#5]														NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m																							NL[#7]														NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact																							29000[#12]														82000[#12]	62000[#12]							85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D	1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																								4000[#14]	660[#14]		240000[#14]												
EIL - Commercial / Industrial (Aged)	1800[#3]	160[#4]		550[#3]	320[#1]		450[#3]	1100[#1]															370[#2]																								
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																			215[#15]							170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							1.4[#15]																				1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																							1.4[#15]																				2500[#15]	6600[#15]	

Location Code	Field ID	Matrix Type	Sampled Date																																														
BE_MW01	BE_MW01_0.1	SOIL	15-Nov-13	17	19	<1	24	26	<0.1	16	81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW03	BE_MW03_0.1	SOIL	08-Nov-13	13	6	<1	9	16	0.1	12	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.7	<0.5	<0.5	0.8	<0.5	1.8	<0.5	<0.5	<0.5	7.1	<2	1.7	<0.5	1.3	<10	-	<10	<50	120	<100	120 - 195	140	<50	140	<100	<10
BE_MW03	BE_MW03_2.0	SOIL	29-Nov-13	6	<5	<1	15	14	0.1	8	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW04	BE_MW04_1.0	SOIL	15-Nov-13	11	7	<1	16	20	<0.1	17	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW04	BE_MW04_2.0	SOIL	25-Nov-13	14	8	<1	18	23	<0.1	23	83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW05	BE_MW05_0.1	SOIL	15-Nov-13	18	15	<1	18	22	<0.1	14	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW05	BE_MW05_1.5	SOIL	15-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BE_MW05	BE_MW05_2.0	SOIL	25-Nov-13	13	6	<1	16	15	<0.1	14	55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW06	BE_MW06_0.1	SOIL	15-Nov-13	17	10	<1	17	21	<0.1	18	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	1	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW06	BE_MW06_6.0	SOIL	22-Nov-13	10	5	<1	8	16	<0.1	13	87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW07	BE_MW07_0.5	SOIL	15-Nov-13	14	12	<1	15	27	<0.1	17	59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW07	BE_MW07_6.0	SOIL	22-Nov-13	12	7	<1	16	15	<0.1	18	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW08	BE_MW08_0.5	SOIL	15-Nov-13	13	<5	<1	18	16	<0.1	9	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW08	BE_MW08_5.2	SOIL	15-Nov-13	<5	6	<1	11	14	<0.1	15	53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW09	BE_MW09_0.1	SOIL	08-Nov-13	22	9	<1	12	19	<0.1	16	193	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BE_MW09	BE_MW09_0.9	SOIL	26-Nov-13	11	7	<1	10	21	<0.1	11	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	9	15	15	15	15	15	15	15	15	15
Number of Detects	14	13	0	15	15	2	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	1	1	0	0
Minimum Concentration	<5	<5	<1	8	14	<0.1	8	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	6	5	ND	8	14	0.1	8	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	0.7	ND	ND	0.8	ND	1.8	ND	ND	ND	7.1	ND	1.7	1	1.3	ND	ND	ND	ND	120	ND	120	140	ND	140	ND	ND
Maximum Concentration	22	19	<1	24	27	0.1	23	193	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	0.7	<0.5	<0.5	0.8	<0.5	1.8	<0.5	<0.5	<0.5	7.1	<2	1.7	1	1.3	<10	<50	<10	<50	120	<100	195	140	<50	140	<100	<10
Maximum Detect	22	19	ND	24	27	0.1	23	193	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	0.7	ND	ND	0.8	ND	1.8	ND	ND	ND	7.1	ND	1.7	1	1.3	ND	ND	ND	ND	120	ND	195	140	ND	140	ND	ND
Average Concentration	13	8.1	0.5	15	19	0.057	15	71	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.29	0.25	0.28	0.25	0.25	0.29	0.25	0.35	0.25	0.25	0.25	0.71	1	0.35	0.3	0.32	5	25	5	25	55	50	34	33	25	56	50	5
Median Concentration	13	7	0.5	16	19	0.05	15	63	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation	4.8	4.4	0	4.2	4.3	0.018	3.8	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0.14	0	0.12	0	0	0.14	0	0.4	0	0	0	1.8	0	0.37	0.19	0.27	0	0	0	0	18	0	34	30	0	23	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vap
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils fo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Va
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Ind
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

							Particle Size																			BTEX							Chlorinated Hydrocarbons																								
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Clay (<2 µm)	Silt (2-60 µm)	Fines (<75 µm)	Sand (>75 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																										3[#10]	NL[#10]	NL[#10]			230[#10]																										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																										3[#9]	NL[#9]	NL[#9]			NL[#9]																										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																										3[#8]	NL[#8]	NL[#8]			NL[#8]																										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																										3[#11]	NL[#11]	NL[#11]			NL[#11]																										
Human Health - HSL-D - Direct Contact - HSL-D																										430[#13]	99000[#13]	27000[#13]			81000[#13]																										
Human Health - Intrusive - Vapour Intrusion 0-<2m																										77[#6]	NL[#6]	NL[#6]			NL[#6]																										
Human Health - Intrusive - Vapour Intrusion 2-<4m																										160[#5]	NL[#5]	NL[#5]			NL[#5]																										
Human Health - Intrusive - Vapour Intrusion + 4m																										NL[#7]	NL[#7]	NL[#7]			NL[#7]																										
Human Health - Intrusive - Direct Contact																										1100[#12]	120000[#12]	85000[#12]			130000[#12]																										
Human Health - Direct Contact - HIL-D																																																									
EIL - Commercial / Industrial (Aged)																																																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)																										75[#15]	135[#15]	165[#15]			180[#15]																										
NEPM (2013) ESL - Commercial & Industrial (Fine)																										95[#15]	135[#15]	185[#15]			95[#15]																										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																																						
BF_MW01	BF_MW01_0.4-0.5	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW01	BF_MW01_1.8-1.9	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW03	BF_MW03_0.4-0.5	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW04	BF_MW04_0.1-0.2	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW05	BF_MW05_0.5	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW05	BF_MW05_3.0	SOIL	06-Dec-13	0.6	1.2	<0.5	1	6	<1	<1	2	<1	<1	2	1	<1	13	<1	-	-	87	12	-	1	<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW06	BF_MW06_0.2	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW06	BF_MW06_3.0	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW07	BF_MW07_0.15	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW07	BF_MW07_2.4	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW08	BF_MW08_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
BF_MW08	BF_MW08_2.6	SOIL	12-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW09	BF_MW09_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW09	BF_MW09_3.9	SOIL	12-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW10	BF_MW10_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW11	BF_MW11_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW11	BF_MW11_4.0	SOIL	13-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_MW11	BF_MW11_5.0	SOIL	13-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB01	BF_SB01_0.4-0.5	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB01	BF_SB01_1.8	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB02	BF_SB02_0.1-0.2	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB02	BF_SB02_1.3	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB03	BF_SB03_0.4-0.5	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB03	BF_SB03_3.0	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB04	BF_SB04_0.4-0.5	SOIL	03-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB05	BF_SB05_0.5	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB05	BF_SB05_3.0	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB06	BF_SB06_0.5	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB06	BF_SB06_2.7	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB07	BF_SB07_0.75	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB07	BF_SB07_1.5	SOIL	06-Dec-13	0.6	1.2	<0.5	3	20	<1	2	12	<1	2	7	4	<1	29	<1	36	35	-	-	27	2	<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BF_SB07	BF_SB07_2.9	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																																									
Number of Results				32	32	32	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	32	32	32	32	32	32	32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				32	32	0	2	2	0	1	2	0	1	2	2	0	2	0	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				0.6	1.2	<0.5	1	6	<1	<1	2	<1	<1	2	1	<1	13	<1	36	35	87	12	27	1	<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				0.6	1.2	ND	1	6	ND	2	2	ND	2	2	1	ND	13	ND	36	35	87	12	27	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.6	1.2	<0.5	3	20	<1	2	12	<1	2	7	4	<1	29	<1	36	35	87	12	27	2	<1	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				0.6	1.2	ND	3	20	ND	2	12	ND	2	7	4	ND	29	ND	36	35	87	12	27	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.6	1.2	0.25																				0.1	0.25	0.25	0.25	0.25	0.25	0.1																									
Median Concentration				0.6	1.2	0.25	2	13	0.5	1.25	7	0.5	1.25	4.5	2.5	0.5	21	0.5	36	35	87	12	27	1.5	0.5	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0																				0	0	0	0	0	0	0																									
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics										MAH									Lead	Metals									
					Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																																	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																																
Human Health - Direct Contact - HSL-D																																																
Human Health - Intrusive - Vapour Intrusion 0-<2m																																																
Human Health - Intrusive - Vapour Intrusion 2-<4m																																																
Human Health - Intrusive - Vapour Intrusion + 4m																																																
Human Health - Intrusive - Direct Contact																																																
Human Health - Direct Contact - HIL-D																																																
EIL - Commercial / Industrial (Aged)																																																
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																																
NEPM (2013) ESL - Commercial & Industrial (Fine)																																																
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																															
BF_MW01	BF_MW01_0.4-0.5	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8	<1	30	8	<0.1	18	18	<0.5	<0.5
BF_MW01	BF_MW01_1.8-1.9	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	14	<1	20	7	<0.1	20	32	<0.5	<0.5
BF_MW03	BF_MW03_0.4-0.5	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<5	<1	7	<5	<0.1	8	31	<0.5	<0.5
BF_MW04	BF_MW04_0.1-0.2	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<5	<1	12	6	<0.1	9	46	<0.5	<0.5
BF_MW05	BF_MW05_0.5	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	10	<1	15	17	<0.1	14	54	<0.5	<0.5
BF_MW05	BF_MW05_3.0	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	3050	16.5	<0.1	<0.1	8	0.2	1.6	5.9	-	-	-	-	-	-	-	-	-	8	5	<1	11	8	<0.1	2	27	<0.5	<0.5
BF_MW06	BF_MW06_0.2	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<5	<1	14	14	<0.1	10	28	<0.5	<0.5
BF_MW06	BF_MW06_3.0	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	-	-	-	-	-	-	-	-	-	-	-	26	10	<1	12	15	<0.1	<2	40	<0.5	<0.5
BF_MW07	BF_MW07_0.15	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	<1	11	16	<0.1	10	50	<0.5	<0.5
BF_MW07	BF_MW07_2.4	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<5	<1	7	<5	<0.1	<2	13	<0.5	<0.5
BF_MW08	BF_MW08_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	19.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	10	<1	32	6	<0.1	16	34	<0.5	<0.5
BF_MW08	BF_MW08_2.6	SOIL	12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	16	<1	18	10	<0.1	21	84	<0.5	<0.5
BF_MW09	BF_MW09_0.2	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<5	<1	94	40	<0.1	59	60	<0.5	<0.5
BF_MW09	BF_MW09_3.9	SOIL	12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<1	23	49	<0.1	68	58	<0.5	<0.5
BF_MW10	BF_MW10_0.1	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<5	<1	<2	10	<0.1	<2	78	<0.5	<0.5
BF_MW11	BF_MW11_0.2	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11	<1	14	9	<0.1	13	42	<0.5	<0.5
BF_MW11	BF_MW11_4.0	SOIL	13-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<1	72	55	<0.1	63	64	<0.5	<0.5
BF_MW11	BF_MW11_5.0	SOIL	13-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<1	62	55	<0.1	57	66	<0.5	<0.5
BF_SB01	BF_SB01_0.4-0.5	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	12	<1	13	6	<0.1	8	37	<0.5	<0.5
BF_SB01	BF_SB01_1.8	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	7	<1	10	<5	<0.1	4	20	<0.5	<0.5
BF_SB02	BF_SB02_0.1-0.2	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	<5	<1	10	9	<0.1	4	41	<0.5	<0.5
BF_SB02	BF_SB02_1.3	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	<1	10	8	<0.1	14	64	<0.5	<0.5
BF_SB03	BF_SB03_0.4-0.5	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12	<1	17	8	<0.1	23	24	<0.5	<0.5
BF_SB03	BF_SB03_3.0	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<5	<1	6	<5	<0.1	2	16	<0.5	<0.5
BF_SB04	BF_SB04_0.4-0.5	SOIL	03-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	10	<1	15	8	<0.1	10	43	<0.5	<0.5
BF_SB05	BF_SB05_0.5	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	9	<1	12	15	<0.1	10	48	<0.5	<0.5
BF_SB05	BF_SB05_3.0	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<1	7	<5	<0.1	<2	13	<0.5	<0.5
BF_SB06	BF_SB06_0.5	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	9	<1	15	18	<0.1	12	60	<0.5	<0.5
BF_SB06	BF_SB06_2.7	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	6	<1	7	6	<0.1	<2	17	<0.5	<0.5
BF_SB07	BF_SB07_0.75	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	<5	<1	51	22	<0.1	61	49	<0.5	<0.5
BF_SB07	BF_SB07_1.5	SOIL	06-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	<1	12	12	<0.1	8	52	<0.5	<0.5
BF_SB07	BF_SB07_2.9	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	7	<1	7	16	<0.1	4	69	<0.5	<0.5
Statistical Summary																																																
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32	1	1	1	1	1	1	1	1	1	1	1	1	1	32	32	32	32	32	32	32	32	32	32
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	32	0	0	1	1	1	1	0	0	0	0	0	0	0	0	28	19	0	31	27	0	27	32	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	9.8	3050	4	<0.1	<0.1	8	0.2	1.6	5.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<2	<5	<0.1	<2	13	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8	3050	4	ND	ND	8	0.2	1.6	5.9	ND	ND	ND	ND	ND	ND	ND	ND	6	5	ND	6	6	ND	2	13	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	9.8	3050	22.9	<0.1	<0.1	8	0.2	1.6	5.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	26	17	<1	94	55	<0.1	68	84	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.8	3050	22.9	ND	ND	8	0.2	1.6	5.9	ND	ND	ND	ND	ND	ND	ND	ND	26	17	ND	94	55	ND	68	84	ND	ND
Average Concentration																									16															10	6.8	0.5	20	15	0.05	17	43	0.25	0.25
Median Concentration				0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	9.8	3050	16.5	0.05	0.05	8	0.2	1.6	5.9	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	8.5	6.5	0.5	12.5	9	0.05	10	42.5	0.25	0.25
Standard Deviation																									4.8															5.9	4.4	0	21	15	0	20	19	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil pr
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Int
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapou
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour In
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	PAH/Phenols																										Polychlorinated Biphenyls	Solvents						TRH									
	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	5-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																						NL[#10]												260[#10]	NL[#10]									
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																						NL[#9]												370[#9]	NL[#9]									
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																						NL[#8]												630[#8]	NL[#8]									
Human Health - HSL-D - Vapour Intrusion + 4m SAND																						NL[#11]												NL[#11]	NL[#11]									
Human Health - Direct Contact - HSL-D																						11000[#13]												NL[#13]	99999#8						20000[#13]	27000[#13]	38000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m																						NL[#6]												NL[#6]	NL[#6]									
Human Health - Intrusive - Vapour Intrusion 2-<4m																						NL[#5]												NL[#5]	NL[#5]									
Human Health - Intrusive - Vapour Intrusion + 4m																						NL[#7]												NL[#7]	NL[#7]									
Human Health - Intrusive - Direct Contact																						29000[#12]												82000[#12]	62000[#12]							85000[#12]	120000[#12]
Human Health - Direct Contact - HIL-D																							4000[#14]	660[#14]		240000[#14]		7[#14]																
EIL - Commercial / Industrial (Aged)																						370[#2]																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		215[#15]							170[#15]		
NEPM (2013) ESL - Commercial & Industrial (Coarse)													1.4[#15]																													1700[#15]	3300[#15]
NEPM (2013) ESL - Commercial & Industrial (Fine)													1.4[#15]																													2500[#15]	6600[#15]

Location Code	Field ID	Matrix Type	Sampled Date																																									
BF_MW01	BF_MW01_0.4-0.5	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW01	BF_MW01_1.8-1.9	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW03	BF_MW03_0.4-0.5	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW04	BF_MW04_0.1-0.2	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW05	BF_MW05_0.5	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW05	BF_MW05_3.0	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW06	BF_MW06_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	130	<50	<100	130
BF_MW06	BF_MW06_3.0	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW07	BF_MW07_0.15	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW07	BF_MW07_2.4	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW08	BF_MW08_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW08	BF_MW08_2.6	SOIL	12-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW09	BF_MW09_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW09	BF_MW09_3.9	SOIL	12-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW10	BF_MW10_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW11	BF_MW11_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW11	BF_MW11_4.0	SOIL	13-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_MW11	BF_MW11_5.0	SOIL	13-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB01	BF_SB01_0.4-0.5	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB01	BF_SB01_1.8	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB02	BF_SB02_0.1-0.2	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB02	BF_SB02_1.3	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB03	BF_SB03_0.4-0.5	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB03	BF_SB03_3.0	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB04	BF_SB04_0.4-0.5	SOIL	03-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB05	BF_SB05_0.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB05	BF_SB05_3.0	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB06	BF_SB06_0.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB06	BF_SB06_2.7	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB07	BF_SB07_0.75	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB07	BF_SB07_1.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
BF_SB07	BF_SB07_2.9	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100

Statistical Summary

Number of Results	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	1	1	1	1	1	1	32	32	32	32	32	32	32	32	32	32
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	130
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	130	<50	<100	130
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	130
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25							5	25	5	25	50	50	25	28	25	50	53
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							0	0	0	0	0	0	0	19	0	0	14
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil pr
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Int
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour In
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				VOCs		
			C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
			mg/kg	mg/kg	mg/kg	mg/kg
EQL			10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND						
Human Health - HSL-D - Vapour Intrusion + 4m SAND						
Human Health - Direct Contact - HSL-D			26000#13			
Human Health - Intrusive - Vapour Intrusion 0-<2m						
Human Health - Intrusive - Vapour Intrusion 2-<4m						
Human Health - Intrusive - Vapour Intrusion + 4m						
Human Health - Intrusive - Direct Contact						
Human Health - Direct Contact - HIL-D						
EIL - Commercial / Industrial (Aged)						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)						
NEPM (2013) ESL - Commercial & Industrial (Coarse)						
NEPM (2013) ESL - Commercial & Industrial (Fine)						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**			
BF_MW01	BF_MW01_0.4-0.5	SOIL	03-Dec-13	<10	-	-	-
BF_MW01	BF_MW01_1.8-1.9	SOIL	03-Dec-13	<10	-	-	-
BF_MW03	BF_MW03_0.4-0.5	SOIL	03-Dec-13	<10	-	-	-
BF_MW04	BF_MW04_0.1-0.2	SOIL	03-Dec-13	<10	-	-	-
BF_MW05	BF_MW05_0.5	SOIL	05-Dec-13	<10	-	-	-
BF_MW05	BF_MW05_3.0	SOIL	06-Dec-13	<10	-	-	-
BF_MW06	BF_MW06_0.2	SOIL	06-Dec-13	<10	-	-	-
BF_MW06	BF_MW06_3.0	SOIL	09-Dec-13	<10	-	-	-
BF_MW07	BF_MW07_0.15	SOIL	05-Dec-13	<10	-	-	-
BF_MW07	BF_MW07_2.4	SOIL	06-Dec-13	<10	-	-	-
BF_MW08	BF_MW08_0.2	SOIL	09-Dec-13	<10	<0.5	<0.5	<0.5
BF_MW08	BF_MW08_2.6	SOIL	12-Dec-13	<10	-	-	-
BF_MW09	BF_MW09_0.2	SOIL	09-Dec-13	<10	-	-	-
BF_MW09	BF_MW09_3.9	SOIL	12-Dec-13	<10	-	-	-
BF_MW10	BF_MW10_0.1	SOIL	09-Dec-13	<10	-	-	-
BF_MW11	BF_MW11_0.2	SOIL	09-Dec-13	<10	-	-	-
BF_MW11	BF_MW11_4.0	SOIL	13-Dec-13	<10	-	-	-
BF_MW11	BF_MW11_5.0	SOIL	13-Dec-13	<10	-	-	-
BF_SB01	BF_SB01_0.4-0.5	SOIL	03-Dec-13	<10	-	-	-
BF_SB01	BF_SB01_1.8	SOIL	04-Dec-13	<10	-	-	-
BF_SB02	BF_SB02_0.1-0.2	SOIL	03-Dec-13	<10	-	-	-
BF_SB02	BF_SB02_1.3	SOIL	04-Dec-13	<10	-	-	-
BF_SB03	BF_SB03_0.4-0.5	SOIL	03-Dec-13	<10	-	-	-
BF_SB03	BF_SB03_3.0	SOIL	04-Dec-13	<10	-	-	-
BF_SB04	BF_SB04_0.4-0.5	SOIL	03-Dec-13	<10	-	-	-
BF_SB05	BF_SB05_0.5	SOIL	06-Dec-13	<10	-	-	-
BF_SB05	BF_SB05_3.0	SOIL	09-Dec-13	<10	-	-	-
BF_SB06	BF_SB06_0.5	SOIL	06-Dec-13	<10	-	-	-
BF_SB06	BF_SB06_2.7	SOIL	09-Dec-13	<10	-	-	-
BF_SB07	BF_SB07_0.75	SOIL	06-Dec-13	<10	-	-	-
BF_SB07	BF_SB07_1.5	SOIL	06-Dec-13	<10	-	-	-
BF_SB07	BF_SB07_2.9	SOIL	09-Dec-13	<10	-	-	-
Statistical Summary							
Number of Results				32	1	1	1
Number of Detects				0	0	0	0
Minimum Concentration				<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND
Maximum Concentration				<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND
Average Concentration				5			
Median Concentration				5	0.25	0.25	0.25
Standard Deviation				0			
Number of Guideline Exceedances				0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil pr
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Int
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour In
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Particle Size																	BTEX							PAH															
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																				3[#10]	NL[#10]	NL[#10]			230[#10]																		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																				3[#9]	NL[#9]	NL[#9]			NL[#9]																		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																				3[#8]	NL[#8]	NL[#8]			NL[#8]																		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																				3[#11]	NL[#11]	NL[#11]			NL[#11]																		
Human Health - Direct Contact - HSL-D																				430[#13]	99000[#13]	27000[#13]			81000[#13]																		
Human Health - Intrusive - Vapour Intrusion 0-<2m																				77[#6]	NL[#6]	NL[#6]			NL[#6]																		
Human Health - Intrusive - Vapour Intrusion 2-<4m																				160[#5]	NL[#5]	NL[#5]			NL[#5]																		
Human Health - Intrusive - Vapour Intrusion + 4m																				NL[#7]	NL[#7]	NL[#7]			NL[#7]																		
Human Health - Intrusive - Direct Contact																				1100[#12]	120000[#12]	85000[#12]			130000[#12]																		
Human Health - Direct Contact - HIL-D																																										
EIL - Commercial / Industrial (Aged)																																										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																										
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				75[#15]	135[#15]	165[#15]			180[#15]																		
NEPM (2013) ESL - Commercial & Industrial (Fine)																				95[#15]	135[#15]	185[#15]			95[#15]																		

Location Code	Field ID	Matrix Type	Sampled Date																																									
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	-	-	-	40	42	<1	37	42	<1	29	41	41	<1	44	17	56	7	37	<1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Statistical Summary

Number of Results	14	14	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Number of Detects	14	14	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	40	42	<1	37	42	<1	29	41	41	<1	44	17	56	7	37	<1	1.7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	0.6	1.2	ND	40	42	ND	37	42	ND	29	41	41	ND	44	17	56	7	37	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.6	1.2	<0.5	40	42	<1	37	42	<1	29	41	41	<1	44	17	56	7	37	<1	1.7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	0.6	1.2	ND	40	42	ND	37	42	ND	29	41	41	ND	44	17	56	7	37	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.6	1.2	0.25	40	42	0.5	37	42	0.5	29	41	41	0.5	44	17	56	7	37	0.5	1.7	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0																		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4g. AEC BG Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Chlorinated Hydrocarbons																
				2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																				
Human Health - Direct Contact - HSL-D																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																				
Human Health - Intrusive - Vapour Intrusion + 4m																				
Human Health - Intrusive - Direct Contact																				
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																				
Number of Results				13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
Median Concentration				0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Halogenated Benzenes									Halogenated Hydrocarbons				
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																	
Human Health - HSL-D - Vapour Intrusion + 4m SAND																	
Human Health - Direct Contact - HSL-D																	
Human Health - Intrusive - Vapour Intrusion 0-<2m																	
Human Health - Intrusive - Vapour Intrusion 2-<4m																	
Human Health - Intrusive - Vapour Intrusion + 4m																	
Human Health - Intrusive - Direct Contact																	
Human Health - Direct Contact - HIL-D																	
EIL - Commercial / Industrial (Aged)																	
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																	
NEPM (2013) ESL - Commercial & Industrial (Coarse)																	
NEPM (2013) ESL - Commercial & Industrial (Fine)																	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**														
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																	
Number of Results				13	13	13	13	13	13	13	13	13	13	13	13	13	13
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Inorganics								MAH								
				CEC	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
				meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																				
Human Health - Direct Contact - HSL-D																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																				
Human Health - Intrusive - Vapour Intrusion + 4m																				
Human Health - Intrusive - Direct Contact																				
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	-	16.8	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	-	19.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	-	6.5	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	-	18.7	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	-	17.5	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	19.6	-	17.4	1.9	0.2	0.1	4	1	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	-	16.8	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	-	16.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	-	18.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	-	17	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	-	17	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	-	12.8	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	-	18.8	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	-	14	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	-	18.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																				
Number of Results				1	14	1	1	1	1	1	1	13	13	13	13	13	13	13	13	13
Number of Detects				1	14	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Minimum Concentration				19.6	6.5	17.4	1.9	0.2	0.1	4	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				19.6	6.5	17.4	1.9	0.2	0.1	4	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				19.6	19.3	17.4	1.9	0.2	0.1	4	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				19.6	19.3	17.4	1.9	0.2	0.1	4	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					16							0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				19.6	17	17.4	1.9	0.2	0.1	4	1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation					3.4							0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean s
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for V
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for V
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapo
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for V
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for V
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vap
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indu
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Lead	Metals							PAH/Phenols																											Polychlorinated Biphenyls	Solvents				
	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1	5	5	5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																															99999[#10]											
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																															99999[#9]											
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																															99999[#8]											
Human Health - HSL-D - Vapour Intrusion + 4m SAND																															99999[#11]											
Human Health - Direct Contact - HSL-D																															11000[#13]											
Human Health - Intrusive - Vapour Intrusion 0-<2m																															99999[#6]											
Human Health - Intrusive - Vapour Intrusion 2-<4m																															99999[#5]											
Human Health - Intrusive - Vapour Intrusion + 4m																															99999[#7]											
Human Health - Intrusive - Direct Contact																															29000[#12]											
Human Health - Direct Contact - HIL-D	1500[#15]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																								4000[#14]	660[#14]		240000[#14]		7[#14]					
EIL - Commercial / Industrial (Aged)	1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]																							370[#2]											
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																										
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							1.4[#15]																			
NEPM (2013) ESL - Commercial & Industrial (Fine)																							1.4[#15]																			

Location Code	Field ID	Matrix Type	Sampled Date																																									
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	18	10	<1	18	22	<0.1	21	406	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	26	<5	<1	13	9	<0.1	5	26	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	8	5	<1	16	9	<0.1	13	41	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	15	13	<1	21	14	<0.1	18	43	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	18	14	<1	24	16	<0.1	16	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	19	14	<1	18	28	0.1	9	49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	17	10	<1	19	19	<0.1	17	57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	29	27	<1	28	30	<0.1	38	115	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	9	<5	<1	29	25	<0.1	33	67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	37	127	<1	29	37	<0.1	22	81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	9	6	<1	17	14	<0.1	18	58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	9	<5	<1	14	12	<0.1	3	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	8	8	<1	7	18	<0.1	8	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	14	7	<1	22	14	<0.1	14	90	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13
Number of Detects	14	11	0	14	14	1	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	8	<5	<1	7	9	<0.1	3	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5
Minimum Detect	8	5	ND	7	9	0.1	3	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	37	127	<1	29	37	0.1	38	406	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5
Maximum Detect	37	127	ND	29	37	0.1	38	406	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	17	18	0.5	20	19	0.054	17	83	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5
Median Concentration	16	9	0.5	18.5	17	0.05	16.5	57.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5
Standard Deviation	8.8	32	0	6.4	8.3	0.013	9.8	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean s
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for V
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for V
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapo
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for V
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for V
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vap
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indu
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	260[#10]	NL[#12]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	370[#9]	NL[#11]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	630[#8]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D	NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact	82000[#12]	62000[#14]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D															
EIL - Commercial / Industrial (Aged)															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)	215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)										1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)										2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**															
BG_MW01	BG_MW01_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW01	BG_MW01_3.8	SOIL	12-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW02	BG_MW02_6.3	SOIL	12-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW03	BG_MW03_1.5	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BG_MW03	BG_MW03_2.0	SOIL	13-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW04	BG_MW04_2.5	SOIL	13-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	130	<50	130	<100	<10	<0.5	<0.5	<0.5
BG_MW05	BG_MW05_3.5	SOIL	13-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	140	100	240 - 265	200	<50	200	<100	<10	<0.5	<0.5	<0.5
BG_MW06	BG_MW06_3.0	SOIL	13-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_0.2	SOIL	07-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BG_MW07	BG_MW07_1.6	SOIL	14-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-

Statistical Summary

Number of Results	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13
Number of Detects	0	0	0	0	1	1	1	2	0	2	0	0	0	0	0
Minimum Concentration	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	140	100	240	130	ND	130	ND	ND	ND	ND	ND
Maximum Concentration	<10	<50	<10	<50	140	100	265	200	<50	200	<100	<10	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	140	100	265	200	ND	200	ND	ND	ND	ND	ND
Average Concentration	5	25	5	25	56	54	41	45	25	66	50	5	0.25	0.25	0.25
Median Concentration	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation	0	0	0	0	24	13	61	53	0	44	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean s
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for V
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for V
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapo
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for V
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for V
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vap
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indu
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

							Particle Size																
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	0.6	1.2	<0.5	29	55	<1	25	40	<1	21	36	33	<1	65	17	35	40	25	<1	-
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	0.6	1.2	<0.5	36	40	<1	30	39	<1	22	39	38	<1	44	11	56	15	30	<1	-
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																							
Number of Results				27	27	29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Number of Detects				27	27	0	2	2	0	2	2	0	2	2	2	0	2	2	2	2	2	0	0
Minimum Concentration				0.6	1.2	<0.5	29	40	<1	25	39	<1	21	36	33	<1	44	11	35	15	25	<1	<0.5
Minimum Detect				0.6	1.2	ND	29	40	ND	25	39	ND	21	36	33	ND	44	11	35	15	25	ND	ND
Maximum Concentration				0.6	1.2	<0.5	36	55	<1	30	40	<1	22	39	38	<1	65	17	56	40	30	<1	<0.5
Maximum Detect				0.6	1.2	ND	36	55	ND	30	40	ND	22	39	38	ND	65	17	56	40	30	ND	ND
Average Concentration				0.6	1.2	0.25																	
Median Concentration				0.6	1.2	0.25	32.5	47.5	0.5	27.5	39.5	0.5	21.5	37.5	35.5	0.5	54.5	14	45.5	27.5	27.5	0.5	0.25
Standard Deviation				0	0	0																	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				BTEX						
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.5	0.5	0.5	0.5	0.5	0.2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND				$3^{\#10}$	$NL^{\#10}$	$NL^{\#10}$			$230^{\#10}$	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND				$3^{\#9}$	$NL^{\#9}$	$NL^{\#9}$			$NL^{\#9}$	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND				$3^{\#8}$	$NL^{\#8}$	$NL^{\#8}$			$NL^{\#8}$	
Human Health - HSL-D - Vapour Intrusion + 4m SAND				$3^{\#11}$	$NL^{\#11}$	$NL^{\#11}$			$NL^{\#11}$	
Human Health - Direct Contact - HSL-D				$430^{\#13}$	$99000^{\#13}$	$27000^{\#13}$			$81000^{\#13}$	
Human Health - Intrusive - Vapour Intrusion 0-<2m				$77^{\#6}$	$NL^{\#6}$	$NL^{\#6}$			$NL^{\#6}$	
Human Health - Intrusive - Vapour Intrusion 2-<4m				$160^{\#5}$	$NL^{\#5}$	$NL^{\#5}$			$NL^{\#5}$	
Human Health - Intrusive - Vapour Intrusion + 4m				$NL^{\#7}$	$NL^{\#7}$	$NL^{\#7}$			$NL^{\#7}$	
Human Health - Intrusive - Direct Contact				$1100^{\#12}$	$120000^{\#12}$	$85000^{\#12}$			$130000^{\#12}$	
Human Health - Direct Contact - HIL-D										
EIL - Commercial / Industrial (Aged)										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)										
NEPM (2013) ESL - Commercial & Industrial (Coarse)				$75^{\#15}$	$135^{\#15}$	$165^{\#15}$			$180^{\#15}$	
NEPM (2013) ESL - Commercial & Industrial (Fine)				$95^{\#15}$	$135^{\#15}$	$185^{\#15}$			$95^{\#15}$	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**							
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Statistical Summary										
Number of Results				29	29	29	29	29	29	29
Number of Detects				0	0	0	0	0	0	0
Minimum Concentration				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Minimum Detect				ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Maximum Detect				ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.1	0.25	0.25	0.25	0.25	0.25	0.1
Median Concentration				0.1	0.25	0.25	0.25	0.25	0.25	0.1
Standard Deviation				0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0

				Chlorinated Hydrocarbons																									
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																													
Human Health - HSL-D - Vapour Intrusion + 4m SAND																													
Human Health - Direct Contact - HSL-D																													
Human Health - Intrusive - Vapour Intrusion 0-<2m																													
Human Health - Intrusive - Vapour Intrusion 2-<4m																													
Human Health - Intrusive - Vapour Intrusion + 4m																													
Human Health - Intrusive - Direct Contact																													
Human Health - Direct Contact - HIL-D																													
EIL - Commercial / Industrial (Aged)																													
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																													
NEPM (2013) ESL - Commercial & Industrial (Coarse)																													
NEPM (2013) ESL - Commercial & Industrial (Fine)																													
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																										
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																													
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																													
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation																													
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Halogenated Benzenes										Halogenated Hydrocarbons					Inorganics											
				trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromomethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Chloride	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Sodium	Sulphate	TOC
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	mg/kg	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	%
EQL				0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	10	10	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																
Human Health - Direct Contact - HSL-D																																
Human Health - Intrusive - Vapour Intrusion 0-<2m																																
Human Health - Intrusive - Vapour Intrusion 2-<4m																																
Human Health - Intrusive - Vapour Intrusion + 4m																																
Human Health - Intrusive - Direct Contact																																
Human Health - Direct Contact - HIL-D																																
EIL - Commercial / Industrial (Aged)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																
NEPM (2013) ESL - Commercial & Industrial (Fine)																																
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																													
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.9	-	-	12	-	11.7	1.7	0.4	<0.1	7.2	-	-	-
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.2	-	338	22.4	<0.1	24	12.2	0.5	1.5	7.4	-	-	-
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	17.1	-	55.6	3.8	0.3	0.3	7.2	-	-	-
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.7	-	-	19.9	-	7.9	2.3	0.3	0.2	4.1	-	-	-
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	-	-	574	20.2	-	-	-	-	-	-	-	-	-
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	10.3	-	3.4	1	0.2	<0.1	6.2	-	-	-
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	210	1300	14.5	<0.1	5.4	4.3	0.4	1.9	4.4	690	1540	-
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	-	-	9.1	<0.1	6.7	1.2	0.2	0.2	-	-	-	-
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.8	50	613	20	<0.1	22.2	6.9	0.2	1.5	8.5	470	230	-
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	-	11.2	<0.1	7.4	6.3	0.4	0.6	-	-	-	-
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	12.5	<0.1	7.2	7.6	0.2	0.3	7.8	-	-	-
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.5	-	-	7.4	<0.1	6	8.4	0.6	0.4	-	-	-	-
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	-	-	20.7	<0.1	7.3	4.5	0.3	0.3	7.2	-	-	-
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6	20	207	13.3	<0.1	7.7	2.5	0.3	<0.1	8.8	70	220	-
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.6	-	-	9	<0.1	6.6	4.6	0.3	<0.1	7	-	-	-
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.6	-	-	13.4	<0.1	39.4	0.6	0.3	0.2	-	-	-	-
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	120	146	17.3	<0.1	10.3	2.5	0.4	<0.1	7.3	10	80	-
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	-	9.5	<0.1	9.9	3.9	0.4	<0.1	7.7	-	-	-
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	<10	179	14	<0.1	9.3	2.4	0.2	<0.1	7.8	20	190	-
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	13.1	<0.1	11.6	5.4	1.6	0.2	-	-	-	-
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	8.4	<0.1	5.7	5.2	0.3	0.2	7	-	-	-
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.7	-	-	16.6	<0.1	23	7.2	0.3	0.1	-	-	-	-
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.1	-	5210	15.6	-	34.9	9	0.5	1.6	7.9	-	-	-
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.4	-	2620	14.1	<0.1	57	2.9	0.1	0.4	-	-	-	-
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	150	182	12.7	-	10	2.8	0.2	0.5	8.7	140	80	-
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.1	260	2920	17.4	<0.1	24.1	4.7	0.2	1.1	5.5	1170	3740	-
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	73	9.1	-	14.1	0.4	0.3	<0.1	7.5	-	-	<0.5
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	16.4	-	7.1	5.9	0.3	0.3	6.8	-	-	-
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7	20	918	22	<0.1	4.8	10.4	0.3	3.2	6.7	130	220	-
Statistical Summary																																
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28	8	13	29	20	28	28	28	28	21	8	8	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	7	13	29	0	28	28	28	20	21	8	8	0
Minimum Concentration				<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	4.7	<10	73	7.4	<0.1	3.4	0.4	0.1	<0.1	4.1	10	80	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	20	73	7.4	ND	3.4	0.4	0.1	0.1	4.1	10	80	ND
Maximum Concentration				<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	60.4	260	5210	22.4	<0.1	57	12.2	1.6	3.2	8.8	1170	3740	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.4	260	5210	22.4	ND	57	12.2	1.6	3.2	8.8	1170	3740	ND
Average Concentration																					21	104	1175	14	0.05	16	4.7	0.36	0.55	7.1	338	788	
Median Concentration				0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	14.45	85	574	14	0.05	9.6	4.4	0.3	0.25	7.2	135	220	0.25
Standard Deviation																					15	96	1529	4.3	0	15	3	0.27	0.75	1.2	413	1287	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4h. AEC BH Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				MAH									Lead	Metals									
				1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Calcium	Chromium (III+VI)	Copper	Magnesium	Mercury	Nickel	Potassium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	10	2	5	10	0.1	2	10	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D													1500[#14]	3000[#14]	900[#14]			240000[#14]		730[#14]	6000[#14]		400000[#14]
EIL - Commercial / Industrial (Aged)													1800[#3]	160[#4]			550[#1]	320[#1]			450[#1]		1100[#1]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	29	7	<1	-	19	31	-	<0.1	19	-	288
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	24	14	<1	-	27	16	-	<0.1	12	-	44
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	21	18	<1	-	12	27	-	<0.1	55	-	162
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	38	19	<1	-	11	27	-	<0.1	17	-	80
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	20	<1	-	24	23	-	<0.1	16	-	44
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	6	<5	<1	-	14	8	-	<0.1	8	-	30
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	24	7	<1	100	24	29	40	<0.1	19	40	69
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	<5	<5	<1	-	13	14	-	<0.1	21	-	28
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	14	7	<1	<10	25	24	<10	<0.1	27	10	82
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	14	11	<1	-	38	13	-	<0.1	22	-	25
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	14	8	<1	-	9	20	-	<0.1	25	-	57
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	14	12	<1	-	22	13	-	<0.1	12	-	44
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	10	<5	<1	-	8	13	-	<0.1	13	-	53
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	15	17	<1	40	9	7	20	<0.1	17	40	47
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	15	17	<1	-	8	18	-	<0.1	24	-	76
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	<5	<5	<1	-	10	10	-	<0.1	19	-	20
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	19	13	<1	30	16	25	20	<0.1	19	120	83
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	19	16	<1	-	9	20	-	<0.1	29	-	87
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	17	14	<1	70	8	17	10	<0.1	19	20	66
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	21	15	<1	-	33	22	-	<0.1	25	-	72
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	20	18	<1	-	11	16	-	<0.1	27	-	80
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	19	15	<1	-	12	124	-	0.1	38	-	114
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	20	9	<1	-	25	41	-	<0.1	25	-	136
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	-	-	-	-	-	-	-	-	-	22	19	2	-	24	39	-	<0.1	28	-	89
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	-	-	-	-	-	-	-	-	-	9	<5	<1	30	15	16	60	<0.1	17	160	43
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	42	23	<1	500	23	48	160	0.1	18	40	75
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	<5	<5	<1	-	11	12	-	<0.1	10	-	34
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	20	12	<1	-	16	20	-	<0.1	15	-	79
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	-	-	-	-	-	-	-	-	-	19	6	<1	<10	28	30	20	<0.1	18	60	64

				PAH/Phenols																						
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																										
Human Health - Direct Contact - HSL-D																										
Human Health - Intrusive - Vapour Intrusion 0-<2m																										
Human Health - Intrusive - Vapour Intrusion 2-<4m																										
Human Health - Intrusive - Vapour Intrusion + 4m																										
Human Health - Intrusive - Direct Contact																										
Human Health - Direct Contact - HIL-D																										
EIL - Commercial / Industrial (Aged)																										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																										
NEPM (2013) ESL - Commercial & Industrial (Coarse)																		1.4[#15]								
NEPM (2013) ESL - Commercial & Industrial (Fine)																		1.4[#15]								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																							
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Calcium	Chromium (III+VI)	Copper	Magnesium	Mercury	Nickel	Potassium	Zinc
Number of Results	1	1	1	1	1	1	1	1	1	29	29	29	8	29	29	8	29	29	8	29
Number of Detects	0	0	0	0	0	0	0	0	0	26	23	1	6	29	29	7	2	29	8	29
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<10	8	7	<10	<0.1	8	10	20
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6	2	30	8	7	10	0.1	8	10	20
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	42	23	2	500	38	124	160	0.1	55	160	288
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	42	23	2	500	38	124	160	0.1	55	160	288
Average Concentration										18	11	0.55	98	17	25	42	0.053	21	61	75
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	19	12	0.5	35	15	20	20	0.05	19	40	69
Standard Deviation										9.1	6.3	0.28	166	8.3	21	51	0.013	9.2	52	52
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
Number of Results	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

							Polychlorinated Biphenyls	Solvents						TRH												VOCs		
	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	>C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	2	0.5	0.5	0.5	0.1	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	NL[#10]												260[#13]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	NL[#9]												370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	NL[#8]												630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#11]												NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D	11000[#13]												NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#6]												NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#5]												NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#7]												NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact	29000[#12]												82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D		4000[#14]	660[#14]		240000[#14]		7[#14]																				
EIL - Commercial / Industrial (Aged)	370[#2]																										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)													215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																						2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																									
BH_MW01	BH_MW01_0.1	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	150	<50	150	<100	<10	-	-	-
BH_MW01	BH_MW01_4.5	SOIL	21-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW02	BH_MW02_0.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_MW02	BH_MW02_0.5	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW02	BH_MW02_1.0	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW02	BH_MW02_3.7	SOIL	21-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BH_MW03	BH_MW03_0.3	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW03	BH_MW03_4.5	SOIL	19-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW04	BH_MW04_0.25	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW04	BH_MW04_3.0	SOIL	19-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW05	BH_MW05_0.2	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW05	BH_MW05_6.0	SOIL	20-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW06	BH_MW06_0.2	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW06	BH_MW06_4.9	SOIL	20-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW07	BH_MW07_0.2	SOIL	13-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW07	BH_MW07_0.8	SOIL	20-Nov-13	<0.5	0.5	<2	0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_MW08	BH_MW08_0.2	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB01	BH_SB01_0.2	SOIL	13-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB01	BH_SB01_1.7	SOIL	20-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB02	BH_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB03	BH_SB03_0.2	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB03	BH_SB03_1.1	SOIL	20-Nov-13	<0.5	0.6	<2	0.6	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB04	BH_SB04_0.3	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB05	BH_SB05_0.1	SOIL	07-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB05	BH_SB05_1.55	SOIL	28-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB06	BH_SB06_0.25	SOIL	07-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB06	BH_SB06_1.6	SOIL	19-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB07	BH_SB07_0.2	SOIL	26-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB08	BH_SB08_0.3	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH_SB08	BH_SB08_0.5	SOIL	08-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BH_SB08	BH_SB08_3.0	SOIL	19-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
Statistical Summary																												
Number of Results	29	29	29	29	29	29	1	1	1	1	1	1	29	27	29	29	29	29	29	29	29	29	29	29	1	1	1
Number of Detects	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect	ND	0.5	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	150	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	0.6	<2	0.6	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect	ND	0.6	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	150	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.27	1	0.27	0.25	0.25							5	25	5	25	50	50	25	29	25	53	50	5			
Median Concentration	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation	0	0.079	0	0.079	0	0							0	0	0	0	0	0	0	23	0	19	0	0			
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Particle Size																		BTEX							Inorganics																				
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Chloride	Electrical conductivity *(lab)	Moisture	Exchangable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Sodium	Sulphate	TOC
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	mg/kg	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	%
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	10	10	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]																				
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																					77[#6]	NL[#6]	NL[#6]			NL[#6]																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]																				
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]																				
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]																				
Human Health - Direct Contact - HIL-D																																															
EIL - Commercial / Industrial (Aged)																																															
EIL - AEC BI - Commercial / Industrial (Aged)																																															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																															
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]																				

Location Code	Field ID	Matrix Type	Sampled Date																																														
BI_MW01	BI_MW01_0.5	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	40	1010	16.6	-	-	-	-	-	7.1	340	3430	-
BI_MW01	BI_MW01_3.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	1.2	140	1940	17.1	<0.1	<0.1	<0.1	0.7	0.6	6	560	1300	<0.5
BI_MW02	BI_MW02_0.2	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	60	1020	17.9	-	-	-	-	-	7.7	340	3060	-
BI_MW02	BI_MW02_3.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	89.2	-	2120	20.5	<0.1	86.4	2.5	0.2	0.1	7.1	-	-	-
BI_MW03	BI_MW03_0.6	SOIL	20-Nov-13	0.6	1.2	<0.5	10	11	<1	10	11	<1	7	11	11	<1	14	5	86	4	10	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2	8.3	160	328	18.8	<0.1	2.4	4.7	0.4	0.7	4.7	130	180	<0.5
BI_MW03	BI_MW3_3.8	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	16.4	-	2110	15.6	<0.1	10.7	5.1	0.2	0.3	7.4	-	-	-

Statistical Summary

Number of Results	6	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	6	6	6	6	6	6	4	4	6	6	4	4	4	4	4	6	4	4	2
Number of Detects	6	6	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	4	4	6	6	0	3	3	4	4	6	4	4	0
Minimum Concentration	0.6	1.2	<0.5	10	11	<1	10	11	<1	7	11	11	<1	14	5	86	4	10	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	1.2	40	328	15.6	<0.1	<0.1	<0.1	0.2	0.1	4.7	130	180	<0.5
Minimum Detect	0.6	1.2	ND	10	11	ND	10	11	ND	7	11	11	ND	14	5	86	4	10	ND	0.6	ND	ND	ND	ND	ND	ND	ND	1.2	40	328	15.6	ND	2.4	2.5	0.2	0.1	4.7	130	180	ND
Maximum Concentration	0.6	1.2	<0.5	10	11	<1	10	11	<1	7	11	11	<1	14	5	86	4	10	<1	0.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	89.2	160	2120	20.5	<0.1	86.4	5.1	0.7	0.7	7.7	560	3430	<0.5
Maximum Detect	0.6	1.2	ND	10	11	ND	10	11	ND	7	11	11	ND	14	5	86	4	10	ND	0.6	ND	ND	ND	ND	ND	ND	ND	89.2	160	2120	20.5	ND	86.4	5.1	0.7	0.7	7.7	560	3430	ND
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1	29	100	1421	18	0.05	25	3.1	0.38	0.43	6.7	343	1993	
Median Concentration	0.6	1.2	0.25	10	11	0.5	10	11	0.5	7	11	11	0.5	14	5	86	4	10	0.5	0.425	0.1	0.25	0.25	0.25	0.25	0.25	0.1	12.35	100	1480	17.5	0.05	6.55	3.6	0.3	0.45	7.1	340	2180	0.25
Standard Deviation	0	0	0																		0	0	0	0	0	0	0	41	59	743	1.7	0	41	2.3	0.24	0.28	1.1	176	1524	
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soil properties across the AEC and mean ABC values from the buffer lands.

Table 4i. AEC BI Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Lead	Metals									
				Lead	Arsenic	Cadmium	Calcium	Chromium (III+VI)	Copper	Magnesium	Mercury	Nickel	Potassium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				5	5	1	10	2	5	10	0.1	2	10	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND														
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND														
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND														
Human Health - HSL-D - Vapour Intrusion + 4m SAND														
Human Health - Direct Contact - HSL-D														
Human Health - Intrusive - Vapour Intrusion 0-<2m														
Human Health - Intrusive - Vapour Intrusion 2-<4m														
Human Health - Intrusive - Vapour Intrusion + 4m														
Human Health - Intrusive - Direct Contact														
Human Health - Direct Contact - HIL-D				1500[#14]	3000[#14]	900[#14]			240000[#14]		730[#14]	6000[#14]		400000[#14]
EIL - Commercial / Industrial (Aged)				1800[#3]	160[#4]			550[#1]	320[#1]			450[#1]		1100[#1]
EIL - AEC BI - Commercial / Industrial (Aged)														590[#16]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)														
NEPM (2013) ESL - Commercial & Industrial (Coarse)														
NEPM (2013) ESL - Commercial & Industrial (Fine)														
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**											
BI_MW01	BI_MW01_0.5	SOIL	12-Nov-13	12	7	<1	880	13	20	210	<0.1	23	40	82
BI_MW01	BI_MW01_3.0	SOIL	20-Nov-13	18	15	<1	60	17	15	40	<0.1	10	60	35
BI_MW02	BI_MW02_0.2	SOIL	12-Nov-13	24	11	<1	880	17	21	140	<0.1	20	70	3680
BI_MW02	BI_MW02_3.0	SOIL	21-Nov-13	14	8	<1	-	16	24	-	<0.1	20	-	70
BI_MW03	BI_MW03_0.6	SOIL	20-Nov-13	18	9	<1	<10	19	19	40	<0.1	11	150	49
BI_MW03	BI_MW3_3.8	SOIL	21-Nov-13	14	9	<1	-	16	14	-	<0.1	14	-	52
Statistical Summary														
Number of Results				6	6	6	4	6	6	4	6	6	4	6
Number of Detects				6	6	0	3	6	6	4	0	6	4	6
Minimum Concentration				12	7	<1	<10	13	14	40	<0.1	10	40	35
Minimum Detect				12	7	ND	60	13	14	40	ND	10	40	35
Maximum Concentration				24	15	<1	880	19	24	210	<0.1	23	150	3680
Maximum Detect				24	15	ND	880	19	24	210	ND	23	150	3680
Average Concentration				17	9.8	0.5	456	16	19	108	0.05	16	80	661
Median Concentration				16	9	0.5	470	16.5	19.5	90	0.05	17	65	61
Standard Deviation				4.3	2.9	0	490	2	3.8	83	0	5.4	48	1479
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	1

				PAH/Phenols														
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																		
Human Health - Direct Contact - HSL-D																		
Human Health - Intrusive - Vapour Intrusion 0-<2m																		
Human Health - Intrusive - Vapour Intrusion 2-<4m																		
Human Health - Intrusive - Vapour Intrusion + 4m																		
Human Health - Intrusive - Direct Contact																		
Human Health - Direct Contact - HIL-D																		
EIL - Commercial / Industrial (Aged)																		
EIL - AEC BI - Commercial / Industrial (Aged)																		
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)																		1.4[#15]
NEPM (2013) ESL - Commercial & Industrial (Fine)																		1.4[#15]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**															
BI_MW01	BI_MW01_0.5	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BI_MW01	BI_MW01_3.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BI_MW02	BI_MW02_0.2	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BI_MW02	BI_MW02_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BI_MW03	BI_MW03_0.6	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BI_MW03	BI_MW3_3.8	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																		
Number of Results				6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				PAH/Phenols																			
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	10	50	10	50	100	100
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND												NL[#10]						260[#10]	NL[#10]				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND												NL[#9]						370[#9]	NL[#9]				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND												NL[#8]						630[#8]	NL[#8]				
Human Health - HSL-D - Vapour Intrusion + 4m SAND												NL[#11]						NL[#11]	NL[#11]				
Human Health - Direct Contact - HSL-D												11000[#13]						NL[#13]	NL[#13]				
Human Health - Intrusive - Vapour Intrusion 0-<2m												NL[#6]						NL[#6]	NL[#6]				
Human Health - Intrusive - Vapour Intrusion 2-<4m												NL[#5]						NL[#5]	NL[#5]				
Human Health - Intrusive - Vapour Intrusion + 4m												NL[#7]						NL[#7]	NL[#7]				
Human Health - Intrusive - Direct Contact												29000[#12]						82000[#12]	62000[#12]				
Human Health - Direct Contact - HIL-D													4000[#14]	660[#14]		240000[#14]							
EIL - Commercial / Industrial (Aged)												370[#2]											
EIL - AEC BI - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																		215[#15]					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BI_MW01	BI_MW01_0.5	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
BI_MW01	BI_MW01_3.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
BI_MW02	BI_MW02_0.2	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
BI_MW02	BI_MW02_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
BI_MW03	BI_MW03_0.6	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
BI_MW03	BI_MW3_3.8	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
Statistical Summary																							
Number of Results				6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<10	<50	<10	<50	<100	<100
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	5	25	5	25	50	50
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soi

				TRH					
				+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND									
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND									
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND									
Human Health - HSL-D - Vapour Intrusion + 4m SAND									
Human Health - Direct Contact - HSL-D						20000 #13	27000 #13	38000 #13	26000 #13
Human Health - Intrusive - Vapour Intrusion 0-<2m									
Human Health - Intrusive - Vapour Intrusion 2-<4m									
Human Health - Intrusive - Vapour Intrusion + 4m									
Human Health - Intrusive - Direct Contact							85000 #12	120000 #12	
Human Health - Direct Contact - HIL-D									
EIL - Commercial / Industrial (Aged)									
EIL - AEC BI - Commercial / Industrial (Aged)									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)						170 #15			
NEPM (2013) ESL - Commercial & Industrial (Coarse)							1700 #15	3300 #15	
NEPM (2013) ESL - Commercial & Industrial (Fine)							2500 #15	6600 #15	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**						
BI_MW01	BI_MW01_0.5	SOIL	12-Nov-13	<50	<50	<50	<100	<100	<10
BI_MW01	BI_MW01_3.0	SOIL	20-Nov-13	<50	<50	<50	<100	<100	<10
BI_MW02	BI_MW02_0.2	SOIL	12-Nov-13	<50	<50	<50	<100	<100	<10
BI_MW02	BI_MW02_3.0	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10
BI_MW03	BI_MW03_0.6	SOIL	20-Nov-13	<50	<50	<50	<100	<100	<10
BI_MW03	BI_MW3_3.8	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10
Statistical Summary									
Number of Results				6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0
Minimum Concentration				<50	<50	<50	<100	<100	<10
Minimum Detect				ND	ND	ND	ND	ND	ND
Maximum Concentration				<50	<50	<50	<100	<100	<10
Maximum Detect				ND	ND	ND	ND	ND	ND
Average Concentration				25	25	25	50	50	5
Median Concentration				25	25	25	50	50	5
Standard Deviation				0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soi

				Particle Size																	BTEX						
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]	
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]	
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]	
Human Health - Intrusive - Vapour Intrusion 0-<2m																					77[#6]	NL[#6]	NL[#6]			NL[#6]	
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]	
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]	
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]	
Human Health - Direct Contact - HIL-D																											
EIL - Commercial / Industrial (Aged)																											
EIL - AEC BJ - Commercial / Industrial (Aged)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																								
BJ_MW01	BJ_MW01_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW02	BJ_MW02_4.9	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW03	BJ_MW03_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW03	BJ_MW03_1.6	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW04	BJ_MW04_0.2	SOIL	01-Nov-13	0.6	1.2	<0.5	30	49	10	25	42	<1	18	40	36	<1	63	11	37	38	25	<1	0.8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW04	BJ_MW04_1.1	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_MW05	BJ_MW05_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB01	BJ_SB01_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB02	BJ_SB02_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB02	BJ_SB02_1.6	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB03	BJ_SB03_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB03	BJ_SB03_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB04	BJ_SB04_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB04	BJ_SB04_0.7	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB05	BJ_SB05_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB05	BJ_SB05_0.4	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB06	BJ_SB06_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB06	BJ_SB06_3.0	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB07	BJ_SB07_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB07	BJ_SB07_1.6	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB08	BJ_SB08_0.2	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB08	BJ_SB08_2.7	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB09	BJ_SB09_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB09	BJ_SB09_0.4	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB09	D01_05113_TC	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB10	BJ_SB10_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB10	BJ_SB10_1.0	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB11	BJ_SB11_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB12	BJ_SB12_0.2	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB12	BJ_SB12_2.4	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB13	BJ_SB13_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB13	BJ_SB13_3.0	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB14	BJ_SB14_0.2	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB14	BJ_SB14_2.9	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB15	BJ_SB15_0.2	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB16	BJ_SB16_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB16	BJ_SB16_1.9	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB17	BJ_SB17_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB17	BJ_SB17_1.8	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB18	BJ_SB18_3.0	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BJ_SB19	BJ_SB19_3.0	SOIL	04-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Statistical Summary																											
Number of Results				41	41	41	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41	41	41	41	41	41	41
Number of Detects				41	41	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0
Minimum Concentration				0.6	1.2	<0.5	30	49	10	25	42	<1	18	40	36	<1	63	11	37	38	25	<1	0.8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2
Minimum Detect				0.6	1.2	ND	30	49	10	25	42	ND	18	40	36	ND	63	11	37	38	25	ND	0.8	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.6	1.2	<0.5	30	49	10	25	42	<1	18	40	36	<1	63	11	37	38	25	<1	0.8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Maximum Detect				0.6	1.2	ND	30	49	10	25	42	ND	18	40	36	ND	63	11	37	38	25	ND	0.8	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1
Median Concentration				0.6	1.2	0.25	30	49	10	25	42	0.5	18	40	36	0.5	63	11	37	38	25	0.5	0.8	0.1	0.25	0.25	0.25	0.25	0.25	0.1
Standard Deviation				0	0	0																		0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BJ wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the AEC and mean ABC values from the buffer lands.

				Chlorinated Hydrocarbons																											
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																															
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																															
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																															
Human Health - HSL-D - Vapour Intrusion + 4m SAND																															
Human Health - Direct Contact - HSL-D																															
Human Health - Intrusive - Vapour Intrusion 0-<2m																															
Human Health - Intrusive - Vapour Intrusion 2-<4m																															
Human Health - Intrusive - Vapour Intrusion + 4m																															
Human Health - Intrusive - Direct Contact																															
Human Health - Direct Contact - HIL-D																															
EIL - Commercial / Industrial (Aged)																															
EIL - AEC BJ - Commercial / Industrial (Aged)																															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																															
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															
NEPM (2013) ESL - Commercial & Industrial (Fine)																															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																												
BJ_MW01	BJ_MW01_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW02	BJ_MW02_4.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW03	BJ_MW03_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW03	BJ_MW03_1.6	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW04	BJ_MW04_0.2	SOIL	01-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW04	BJ_MW04_1.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW05	BJ_MW05_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB01	BJ_SB01_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB02	BJ_SB02_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB02	BJ_SB02_1.6	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB03	BJ_SB03_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB03	BJ_SB03_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB04	BJ_SB04_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB04	BJ_SB04_0.7	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB05	BJ_SB05_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB05	BJ_SB05_0.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB06	BJ_SB06_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB06	BJ_SB06_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB07	BJ_SB07_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB07	BJ_SB07_1.6	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB08	BJ_SB08_0.2	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB08	BJ_SB08_2.7	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	BJ_SB09_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	BJ_SB09_0.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	D01_05113_TC	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB10	BJ_SB10_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB10	BJ_SB10_1.0	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB11	BJ_SB11_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB12	BJ_SB12_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB12	BJ_SB12_2.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB13	BJ_SB13_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB13	BJ_SB13_3.0	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB14	BJ_SB14_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB14	BJ_SB14_2.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB15	BJ_SB15_0.2	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB16	BJ_SB16_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB16	BJ_SB16_1.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB17	BJ_SB17_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB17	BJ_SB17_1.8	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB18	BJ_SB18_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB19	BJ_SB19_3.0	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																
Number of Results				8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BJ wide EIL for commercial/industrial landuse. Calculated using me

		Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics								MAH								
	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																
Human Health - Direct Contact - HSL-D																																
Human Health - Intrusive - Vapour Intrusion 0-<2m																																
Human Health - Intrusive - Vapour Intrusion 2-<4m																																
Human Health - Intrusive - Vapour Intrusion + 4m																																
Human Health - Intrusive - Direct Contact																																
Human Health - Direct Contact - HIL-D																																
EIL - Commercial / Industrial (Aged)																																
EIL - AEC BJ - Commercial / Industrial (Aged)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																
NEPM (2013) ESL - Commercial & Industrial (Fine)																																

Location Code	Field ID	Matrix Type	Sampled Date																														
BJ_MW01	BJ_MW01_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW02	BJ_MW02_4.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW03	BJ_MW03_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW03	BJ_MW03_1.6	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW04	BJ_MW04_0.2	SOIL	01-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	5.4	24.8	2.7	0.4	<0.1	8.3	<0.5	-	-	-	-	-	-	-	-	-
BJ_MW04	BJ_MW04_1.1	SOIL	08-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_MW05	BJ_MW05_0.2	SOIL	31-Oct-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	6.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB01	BJ_SB01_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB02	BJ_SB02_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB02	BJ_SB02_1.6	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB03	BJ_SB03_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB03	BJ_SB03_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB04	BJ_SB04_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB04	BJ_SB04_0.7	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB05	BJ_SB05_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB05	BJ_SB05_0.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB06	BJ_SB06_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB06	BJ_SB06_3.0	SOIL	04-Nov-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.8	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB07	BJ_SB07_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB07	BJ_SB07_1.6	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB08	BJ_SB08_0.2	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB08	BJ_SB08_2.7	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	BJ_SB09_0.2	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	BJ_SB09_0.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB09	D01_05113_TC	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB10	BJ_SB10_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB10	BJ_SB10_1.0	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB11	BJ_SB11_0.2	SOIL	31-Oct-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB12	BJ_SB12_0.2	SOIL	04-Nov-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	11.1	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB12	BJ_SB12_2.4	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB13	BJ_SB13_0.2	SOIL	31-Oct-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	6.7	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB13	BJ_SB13_3.0	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB14	BJ_SB14_0.2	SOIL	04-Nov-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	9.3	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB14	BJ_SB14_2.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB15	BJ_SB15_0.2	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB16	BJ_SB16_0.2	SOIL	31-Oct-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	8.5	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB16	BJ_SB16_1.9	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB17	BJ_SB17_0.2	SOIL	31-Oct-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	11.5	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB17	BJ_SB17_1.8	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BJ_SB18	BJ_SB18_3.0	SOIL	04-Nov-13	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	13.9	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB19	BJ_SB19_3.0	SOIL	04-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Statistical Summary

Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1	41	1	1	1	1	1	1	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	41	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	28	4.2	24.8	2.7	0.4	<0.1	8.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	4.2	24.8	2.7	0.4	ND	8.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	28	21.5	24.8	2.7	0.4	<0.1	8.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	21.5	24.8	2.7	0.4	ND	8.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		11							0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	28	9.7	24.8	2.7	0.4	0.05	8.3	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5.2							0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for V
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for V
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BJ wide EIL for commercial/industrial landuse. Calculated using me

		Lead	Metals							PAH/Phenols																					
		Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																															
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																															
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																															
Human Health - HSL-D - Vapour Intrusion + 4m SAND																															
Human Health - Direct Contact - HSL-D																															
Human Health - Intrusive - Vapour Intrusion 0-<2m																															
Human Health - Intrusive - Vapour Intrusion 2-<4m																															
Human Health - Intrusive - Vapour Intrusion + 4m																															
Human Health - Intrusive - Direct Contact																															
Human Health - Direct Contact - HIL-D		1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																						
EIL - Commercial / Industrial (Aged)		1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]																						
EIL - AEC BJ - Commercial / Industrial (Aged)									1500[#16]																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																															
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															
NEPM (2013) ESL - Commercial & Industrial (Fine)																															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																												
BJ_MW01	BJ_MW01_0.2	SOIL	05-Nov-13	215	9	2	19	274	<0.1	22	1950	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW02	BJ_MW02_4.9	SOIL	06-Nov-13	9	24	<1	6	13	<0.1	9	35	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW03	BJ_MW03_0.2	SOIL	31-Oct-13	18	13	1	28	22	<0.1	30	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW03	BJ_MW03_1.6	SOIL	08-Nov-13	14	15	<1	15	16	<0.1	20	34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW04	BJ_MW04_0.2	SOIL	01-Nov-13	13	10	<1	25	15	<0.1	19	59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW04	BJ_MW04_1.1	SOIL	08-Nov-13	16	8	<1	8	18	<0.1	21	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_MW05	BJ_MW05_0.2	SOIL	31-Oct-13	20	16	1	14	22	<0.1	29	95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB01	BJ_SB01_0.2	SOIL	05-Nov-13	74	10	1	16	58	<0.1	21	660	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB02	BJ_SB02_0.2	SOIL	05-Nov-13	33	10	<1	6	36	<0.1	10	228	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB02	BJ_SB02_1.6	SOIL	06-Nov-13	22	5	<1	8	21	<0.1	7	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB03	BJ_SB03_0.2	SOIL	05-Nov-13	30	12	1	18	31	<0.1	30	339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB03	BJ_SB03_0.2	SOIL	06-Nov-13	9	9	<1	7	14	<0.1	7	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB04	BJ_SB04_0.2	SOIL	05-Nov-13	246	13	2	28	271	<0.1	32	2800	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB04	BJ_SB04_0.7	SOIL	06-Nov-13	113	14	2	18	106	<0.1	34	1220	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB05	BJ_SB05_0.2	SOIL	05-Nov-13	23	11	1	12	28	<0.1	26	150	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB05	BJ_SB05_0.4	SOIL	06-Nov-13	16	<5	1	9	27	<0.1	18	101	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB06	BJ_SB06_0.2	SOIL	31-Oct-13	14	13	<1	15	17	<0.1	8	87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB06	BJ_SB06_3.0	SOIL	04-Nov-13	25	14	1	17	22	<0.1	65	95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB07	BJ_SB07_0.2	SOIL	31-Oct-13	21	12	1	16	23	<0.1	22	88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB07	BJ_SB07_1.6	SOIL	06-Nov-13	21	11	<1	16	28	<0.1	29	79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB08	BJ_SB08_0.2	SOIL	04-Nov-13	20	14	<1	18	18	<0.1	34	87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB08	BJ_SB08_2.7	SOIL	06-Nov-13	14	11	<1	14	16	<0.1	23	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB09	BJ_SB09_0.2	SOIL	05-Nov-13	23	20	1	17	31	<0.1	31	107	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB09	BJ_SB09_0.4	SOIL	06-Nov-13	15	9	<1	14	15	<0.1	24	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB09	D01_05113_TC	SOIL	05-Nov-13	16	9	1	16	22	<0.1	26	94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB10	BJ_SB10_0.2	SOIL	31-Oct-13	12	12	<1	15	8	<0.1	9	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB10	BJ_SB10_1.0	SOIL	06-Nov-13	12	8	<1	12	14	<0.1	17	59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB11	BJ_SB11_0.2	SOIL	31-Oct-13	8	10	<1	8	8	<0.1	8	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB12	BJ_SB12_0.2	SOIL	04-Nov-13	13	10	<1	14	11	<0.1	16	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB12	BJ_SB12_2.4	SOIL	06-Nov-13	18	9	<1	12	13	<0.1	14	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB13	BJ_SB13_0.2	SOIL	31-Oct-13	9	21	<1	10	10	<0.1	10	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB13	BJ_SB13_3.0	SOIL	04-Nov-13	14	12	1	48	20	<0.1	74	67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB14	BJ_SB14_0.2	SOIL	04-Nov-13	16	13	<1	16	17	<0.1	22	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB14	BJ_SB14_2.9	SOIL	06-Nov-13	20	16	<1	19	16	<0.1	34	83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB15	BJ_SB15_0.2	SOIL	04-Nov-13	10	10	<1	22	8	<0.1	13	36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB16	BJ_SB16_0.2	SOIL	31-Oct-13	37	11	<1	13	18	<0.1	20	93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB16	BJ_SB16_1.9	SOIL	06-Nov-13	9	5	<1	5	12	<0.1	6	34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB17	BJ_SB17_0.2	SOIL	31-Oct-13	17	9	<1	20	24	<0.1	18	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB17	BJ_SB17_1.8	SOIL	04-Nov-13	20	14	1	16	22	<0.1	5	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB18	BJ_SB18_3.0	SOIL	04-Nov-13	12	11	<1	15	11	<0.1	16	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BJ_SB19	BJ_SB19_3.0	SOIL	04-Nov-13	7	<5	<1	5	<5	<0.1	<2	8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																															
Number of Results		41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
Number of Detects		41	39	15	41	40	0	40	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		7	<5	<1	5	<5	<0.1	<2	8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect		7	5	1	5	8	ND	5	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		246	24	2	48	274	<0.1	74	2800	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect		246	24	2	48	274	ND	74	2800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		31	11	0.76	15	34	0.05	21	234	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration		16	11	0.5	15	18	0.05	20	72	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation		49	4.3	0.42	7.6	57	0	14	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances		0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BJ wide EIL for commercial/industrial landuse. Calculated using me

												Solvents					TRH												VOCs				
	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene				
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
EQL	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5				
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND					NL[#10]											260[#10]	NL[#10]																	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND					NL[#9]											370[#9]	NL[#9]																	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND					NL[#8]											630[#8]	NL[#8]																	
Human Health - HSL-D - Vapour Intrusion + 4m SAND					NL[#11]											NL[#11]	NL[#11]																	
Human Health - Direct Contact - HSL-D					11000[#13]											NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]							
Human Health - Intrusive - Vapour Intrusion 0-<2m					NL[#6]											NL[#6]	NL[#6]																	
Human Health - Intrusive - Vapour Intrusion 2-<4m					NL[#5]											NL[#5]	NL[#5]																	
Human Health - Intrusive - Vapour Intrusion + 4m					NL[#7]											NL[#7]	NL[#7]																	
Human Health - Intrusive - Direct Contact					29000[#12]											82000[#12]	62000[#12]								85000[#12]	120000[#12]								
Human Health - Direct Contact - HIL-D						4000[#14]	660[#14]		240000[#14]																									
EIL - Commercial / Industrial (Aged)					370[#2]																													
EIL - AEC BJ - Commercial / Industrial (Aged)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																215[#15]								170[#15]										
NEPM (2013) ESL - Commercial & Industrial (Coarse)																									1700[#15]	3300[#15]								
NEPM (2013) ESL - Commercial & Industrial (Fine)																									2500[#15]	6600[#15]								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BJ_MW01	BJ_MW01_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_MW02	BJ_MW02_4.9	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_MW03	BJ_MW03_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	160	<100	160 - 235	190	<50	190	<100	<10	-	-	-			
BJ_MW03	BJ_MW03_1.6	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_MW04	BJ_MW04_0.2	SOIL	01-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_MW04	BJ_MW04_1.1	SOIL	08-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_MW05	BJ_MW05_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB01	BJ_SB01_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB02	BJ_SB02_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB02	BJ_SB02_1.6	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB03	BJ_SB03_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB03	BJ_SB03_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB04	BJ_SB04_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB04	BJ_SB04_0.7	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB05	BJ_SB05_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB05	BJ_SB05_0.4	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB06	BJ_SB06_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB06	BJ_SB06_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB07	BJ_SB07_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB07	BJ_SB07_1.6	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB08	BJ_SB08_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB08	BJ_SB08_2.7	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB09	BJ_SB09_0.2	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB09	BJ_SB09_0.4	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<2	0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB09	D01_05113_TC	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB10	BJ_SB10_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB10	BJ_SB10_1.0	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB11	BJ_SB11_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB12	BJ_SB12_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB12	BJ_SB12_2.4	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB13	BJ_SB13_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB13	BJ_SB13_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB14	BJ_SB14_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB14	BJ_SB14_2.9	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB15	BJ_SB15_0.2	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB16	BJ_SB16_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	100	180	280 - 305	340	<50	230	110	<10	<0.5	<0.5	<0.5			
BJ_SB16	BJ_SB16_1.9	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB17	BJ_SB17_0.2	SOIL	31-Oct-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB17	BJ_SB17_1.8	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
BJ_SB18	BJ_SB18_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
BJ_SB19	BJ_SB19_3.0	SOIL	04-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-			
Statistical Summary																																			
Number of Results	41	41	41	41	41	41	41	41	41	41	8	8	8	8	8	41	41	41	41	41	41	41	41	41	41	41	41	8	8	8				
Number of Detects	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	0	2	1	0	0	0	0				
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5			
Minimum Detect	ND	ND	ND	ND	ND	0.5	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	180	160	190	ND	190	110	ND	ND	ND	ND				
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<2	0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	160	180	305	340	<50	230	110	<10	<0.5	<0.5	<0.5			
Maximum Detect	ND	ND	ND	ND	ND	0.5	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	180	305	340	ND	230	110	ND	ND	ND	ND				
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.26	1	0.26	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	54	53	36	37	25	58	51	5	0.25	0.25	0.25			
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25			
Standard Deviation	0	0	0	0	0	0.039	0	0.039	0	0	0	0	0	0	0	0	0	0	0	19	20	49	55	0	35	9.4	0	0	0	0			
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean sc
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapc
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BJ wide EIL for commercial/industrial landuse. Calculated using me

Table 4k. AEC BK Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																	BTEX							C
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]		
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]		
Human Health - Intrusive - Vapour Intrusion 0-<2m																					77[#6]	NL[#6]	NL[#6]			NL[#6]		
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]		
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]		
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]		
Human Health - Direct Contact - HIL-D																												
EIL - Commercial / Industrial (Aged)																												
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																												
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]		
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]		

Location Code	Field ID	Matrix Type	Sampled Date																										
BK_MW01	BK_MW01_0.1	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_MW01	BK_MW01_5.0	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
BK_MW02	BK_MW02_0.1	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_MW02	BK_MW02_5.9	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
BK_MW03	BK_MW03_0.1	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_MW03	BK_MW03_5.7	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
BK_MW04	BK_MW04_0.1	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_MW04	BK_MW04_0.9	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
BK_SB01	BK_SB01_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB02	BK_SB02_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB03	BK_SB03_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB03	BK_SB03_1.6	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB04	BK_SB04_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB05	BK_SB05_0.2	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB05	BK_SB05_2.0	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB06	BK_SB06_0.1	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB06	BK_SB06_0.6	SOIL	14-Nov-13	0.6	1.2	<0.5	<1	2	<1	<1	2	<1	<1	1	1	<1	10	<1	90	10	<1	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB07	BK_SB07_0.1	SOIL	06-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
BK_SB07	BK_SB07_2.9	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
Statistical Summary																													
Number of Results	19	19	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	19	19	19	19	19	19	4
Number of Detects	19	19	0	0	1	0	0	1	0	0	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	<1	2	<1	<1	2	<1	<1	1	1	<1	10	<1	90	10	<1	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
Minimum Detect	0.6	1.2	ND	ND	2	ND	ND	2	ND	ND	1	1	ND	10	ND	90	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.6	1.2	<0.5	<1	2	<1	<1	2	<1	<1	1	1	<1	10	<1	90	10	<1	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5
Maximum Detect	0.6	1.2	ND	ND	2	ND	ND	2	ND	ND	1	1	ND	10	ND	90	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25
Median Concentration	0.6	1.2	0.25	0.5	2	0.5	0.5	2	0.5	0.5	1	1	0.5	10	0.5	90	10	0.5	0.5	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25
Standard Deviation	0	0	0																		0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Chlorinated Hydrocarbons																Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics					
	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g
EQL	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1	0.1	0.1	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																				
Human Health - Direct Contact - HSL-D																																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																																				
Human Health - Intrusive - Vapour Intrusion + 4m																																				
Human Health - Intrusive - Direct Contact																																				
Human Health - Direct Contact - HIL-D																																				
EIL - Commercial / Industrial (Aged)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BK_MW01	BK_MW01_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.4	-	-	-	-
BK_MW01	BK_MW01_5.0	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	7.7	-	-	-	-
BK_MW02	BK_MW02_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BK_MW02	BK_MW02_5.9	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.4	-	-	-	-
BK_MW03	BK_MW03_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9	-	-	-	-
BK_MW03	BK_MW03_5.7	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15.8	-	-	-	-
BK_MW04	BK_MW04_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1	-	-	-	-
BK_MW04	BK_MW04_0.9	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14	-	-	-	-
BK_SB01	BK_SB01_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-	-	-	-
BK_SB02	BK_SB02_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2	-	-	-	-
BK_SB03	BK_SB03_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.2	-	-	-	-
BK_SB03	BK_SB03_1.6	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-
BK_SB04	BK_SB04_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	-	-
BK_SB05	BK_SB05_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	-	-	-
BK_SB05	BK_SB05_2.0	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	-	-
BK_SB06	BK_SB06_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	-	-
BK_SB06	BK_SB06_0.6	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	11.3	<0.1	2.9	5.2	0.2
BK_SB07	BK_SB07_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	-	-	-	-
BK_SB07	BK_SB07_2.9	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	-	-	-	-
Statistical Summary																																				
Number of Results				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	19	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	19	0	1	1	1
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	9	7.7	<0.1	2.9	5.2	0.2
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	7.7	ND	2.9	5.2	0.2
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	9	29.9	<0.1	2.9	5.2	0.2
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	29.9	ND	2.9	5.2	0.2
Average Concentration				0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		16				
Median Concentration				0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	9	14.7	0.05	2.9	5.2	0.2
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5.2				
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				MAH									Lead	Metals							PAH/Phenols																	
	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene
	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																				
Human Health - Direct Contact - HSL-D																																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																																				
Human Health - Intrusive - Vapour Intrusion + 4m																																				
Human Health - Intrusive - Direct Contact																																				
Human Health - Direct Contact - HIL-D													1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																
EIL - Commercial / Industrial (Aged)													1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]																
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																			1.4[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																																			1.4[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BK_MW01	BK_MW01_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	82	12	<1	34	70	<0.1	22	574	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW01	BK_MW01_5.0	SOIL	15-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	11	<1	10	12	<0.1	14	55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW02	BK_MW02_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	11	9	<1	15	13	<0.1	11	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW02	BK_MW02_5.9	SOIL	15-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	9	<1	13	21	<0.1	14	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW03	BK_MW03_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	15	13	<1	19	14	<0.1	14	57	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW03	BK_MW03_5.7	SOIL	15-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	<5	<1	7	9	<0.1	4	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW04	BK_MW04_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	15	16	<1	24	15	<0.1	10	34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_MW04	BK_MW04_0.9	SOIL	15-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	12	<1	10	23	<0.1	18	89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB01	BK_SB01_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	17	16	<1	24	20	<0.1	13	49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB02	BK_SB02_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	14	12	<1	19	10	<0.1	10	29	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB03	BK_SB03_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	13	8	<1	19	12	<0.1	13	47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB03	BK_SB03_1.6	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	10	9	<1	12	12	<0.1	6	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB04	BK_SB04_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	17	16	<1	26	18	<0.1	13	43	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB05	BK_SB05_0.2	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	13	9	<1	8	11	<0.1	9	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB05	BK_SB05_2.0	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	10	6	<1	16	11	<0.1	8	39	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB06	BK_SB06_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	17	16	<1	24	12	<0.1	10	43	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB06	BK_SB06_0.6	SOIL	14-Nov-13	0.8	5.4	<0.5	-	-	-	-	-	-	-	6	<5	<1	12	16	<0.1	14	36	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB07	BK_SB07_0.1	SOIL	06-Nov-13	-	-	-	-	-	-	-	-	-	-	18	17	<1	17	11	<0.1	13	74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BK_SB07	BK_SB07_2.9	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<1	10	11	<0.1	4	18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																				
Number of Results				1	1	1	4	4	4	4	4	4	4	4	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
Number of Detects				1	1	0	0	0	0	0	0	0	0	0	18	16	0	19	19	0	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				0.8	5.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	7	9	<0.1	4	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				0.8	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6	ND	7	9	ND	4	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.8	5.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	82	17	<1	34	70	<0.1	22	574	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				0.8	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	82	17	ND	34	70	ND	22	574	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration							0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	16	10	0.5	17	17	0.05	12	75	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.8	5.4	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	13	11	0.5	16	12	0.05	13	47	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation							0	0	0	0	0	0	0	0	16	4.7	0	7.2	13	0	4.4	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

															Solvents					TRH										VOCs		
	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND								NL[#10]											260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND								NL[#9]											370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND								NL[#8]											630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND								NL[#11]											NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D								11000[#13]											NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m								NL[#6]											NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m								NL[#5]											NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m								NL[#7]											NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact								29000[#12]											82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D									4000[#14]	660[#14]		240000[#14]																					
EIL - Commercial / Industrial (Aged)								370[#2]																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																			215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																												1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																												2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																														
BK_MW01	BK_MW01_0.1	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_MW01	BK_MW01_5.0	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BK_MW02	BK_MW02_0.1	SOIL	05-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_MW02	BK_MW02_5.9	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BK_MW03	BK_MW03_0.1	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_MW03	BK_MW03_5.7	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BK_MW04	BK_MW04_0.1	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_MW04	BK_MW04_0.9	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BK_SB01	BK_SB01_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB02	BK_SB02_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB03	BK_SB03_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB03	BK_SB03_1.6	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB04	BK_SB04_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB05	BK_SB05_0.2	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB05	BK_SB05_2.0	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB06	BK_SB06_0.1	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB06	BK_SB06_0.6	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB07	BK_SB07_0.1	SOIL	06-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BK_SB07	BK_SB07_2.9	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
Statistical Summary																																	
Number of Results				19	19	19	19	19	19	19	19	19	19	19	4	4	4	4	4	19	19	19	19	19	19	19	19	19	19	19	4	4	4
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
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#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					Particle Size																	BTEX				
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							3[#10]	NL[#10]	NL[#10]		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							3[#9]	NL[#9]	NL[#9]		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							3[#8]	NL[#8]	NL[#8]		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							3[#11]	NL[#11]	NL[#11]		
Human Health - Direct Contact - HSL-D																							430[#13]	99000[#13]	27000[#13]		
Human Health - Intrusive - Vapour Intrusion 0-<2m																							77[#6]	NL[#6]	NL[#6]		
Human Health - Intrusive - Vapour Intrusion 2-<4m																							160[#5]	NL[#5]	NL[#5]		
Human Health - Intrusive - Vapour Intrusion + 4m																							NL[#7]	NL[#7]	NL[#7]		
Human Health - Intrusive - Direct Contact																							1100[#12]	120000[#12]	85000[#12]		
Human Health - Direct Contact - HIL-D																											
EIL - Commercial / Industrial (Aged)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																											
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							75[#15]	135[#15]	165[#15]		
NEPM (2013) ESL - Commercial & Industrial (Fine)																							95[#15]	135[#15]	185[#15]		
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	-	-	<0.5	40	66	<1	28	60	<1	11	55	50	<1	69	<1	31	41	28	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5
Statistical Summary																											
Number of Results				6	6	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	20	20	20	20
Number of Detects				6	6	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0
Minimum Concentration				0.6	1.2	<0.5	40	66	<1	28	60	<1	11	55	50	<1	69	<1	31	41	28	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5
Minimum Detect				0.6	1.2	ND	40	66	ND	28	60	ND	11	55	50	ND	69	ND	31	41	28	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.6	1.2	<0.5	40	66	<1	28	60	<1	11	55	50	<1	69	<1	31	41	28	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5
Maximum Detect				0.6	1.2	ND	40	66	ND	28	60	ND	11	55	50	ND	69	ND	31	41	28	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25
Median Concentration				0.6	1.2	0.25	40	66	0.5	28	60	0.5	11	55	50	0.5	69	0.5	31	41	28	0.5	0.25	0.1	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0																		0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

			Chlorinated Hydrocarbons																								
	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	230[#10]																								
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	NL[#9]																								
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	NL[#8]																								
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#11]																								
Human Health - Direct Contact - HSL-D	81000[#13]																								
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#6]																								
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#5]																								
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#7]																								
Human Health - Intrusive - Direct Contact	130000[#12]																								
Human Health - Direct Contact - HIL-D																									
EIL - Commercial / Industrial (Aged)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)	180[#15]																								
NEPM (2013) ESL - Commercial & Industrial (Fine)	95[#15]																								

Location Code	Field ID	Matrix Type	Sampled Date																								
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vaj
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vaj
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

								Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics									
				Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g
EQL				0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1	0.1	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																															
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																															
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																															
Human Health - HSL-D - Vapour Intrusion + 4m SAND																															
Human Health - Direct Contact - HSL-D																															
Human Health - Intrusive - Vapour Intrusion 0-<2m																															
Human Health - Intrusive - Vapour Intrusion 2-<4m																															
Human Health - Intrusive - Vapour Intrusion + 4m																															
Human Health - Intrusive - Direct Contact																															
Human Health - Direct Contact - HIL-D																															
EIL - Commercial / Industrial (Aged)																															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																															
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															
NEPM (2013) ESL - Commercial & Industrial (Fine)																															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																												
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.1	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15.8	-	-	-
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.9	-	-	-
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	-
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	10.7	-	-	-
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	-
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	10.2	-	-	-
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.1	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	13.6	-	-	-
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	16.2	-	-	-
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.5	16.2	<0.1	39.6	0.5
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15	-	-	-
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	-
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	19.6	-	-	-
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	-
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	17.4	-	-	-
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.5	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.2	-	-	-
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	-	-
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-	-
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15.8	-	-	-
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	-
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.1	-	-	-
Statistical Summary																															
Number of Results				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	27	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	27	0	1	1
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	40.5	10.2	<0.1	39.6	0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5	10.2	ND	39.6	0.5
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	40.5	24.1	<0.1	39.6	0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.5	24.1	ND	39.6	0.5
Average Concentration				0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		16			
Median Concentration				0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	40.5	15.8	0.05	39.6	0.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3			
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					MAH									Lead	Metals								PFOA
	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	Perfluorooctanoate
	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	0.5	2	5	0.1	2	5	0.0005
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D														1500[#14]	3000[#14]	900[#14]	3600[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]	
EIL - Commercial / Industrial (Aged)														1800[#3]	160[#4]			550[#1]	320[#1]		450[#1]	1100[#1]	
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							

Location Code	Field ID	Matrix Type	Sampled Date																								
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	10	<1	-	7	19	0.1	5	34	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	64	42	<1	<1	13	28	<0.1	10	65	<0.0005
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	<5	<1	-	13	14	<0.1	23	54	<0.0005
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	14	<1	-	7	24	<0.1	25	102	<0.0005
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	10	<1	-	8	16	<0.1	21	63	<0.0005
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	8	<1	-	12	22	<0.1	22	76	<0.0005
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	8	<1	-	18	28	<0.1	25	117	-
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7	<1	-	14	18	<0.1	17	66	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	19	<1	-	8	27	<0.1	30	92	<0.0005
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	10	<1	-	18	25	<0.1	28	73	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	7	<1	-	11	26	<0.1	20	88	<0.0005
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	0.3	0.1	9.8	<0.5	-	-	-	-	-	-	-	-	-	-	8	<5	<1	-	10	14	<0.1	12	72	<0.0005
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	<5	<1	-	16	26	<0.1	25	62	<0.0005
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	7	<1	-	8	16	<0.1	19	83	<0.0005
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19	16	<1	-	11	21	<0.1	10	79	-
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	6	<1	-	14	17	<0.1	18	69	-
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	37	<5	<1	-	13	24	<0.1	3	31	<0.0005
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	11	<1	-	12	23	<0.1	26	76	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	6	<1	-	10	11	<0.1	11	46	<0.0005
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	8	<1	-	10	23	<0.1	22	88	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	19	<1	-	9	21	<0.1	13	63	<0.0005
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	7	<1	-	13	23	<0.1	24	81	<0.0005
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	8	<1	-	14	27	<0.1	24	86	<0.0005
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	12	<1	-	8	17	<0.1	24	93	<0.0005
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	5	<1	-	12	29	<0.1	16	96	<0.0005

Statistical Summary

Number of Results	1	1	1	1	10	10	10	10	10	10	10	10	10	25	25	25	1	25	25	25	25	25	17
Number of Detects	1	1	1	0	0	0	0	0	0	0	0	0	0	25	21	0	0	25	25	1	25	25	0
Minimum Concentration	0.3	0.1	9.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	<5	<1	<1	7	11	<0.1	3	31	<0.0005
Minimum Detect	0.3	0.1	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	ND	ND	7	11	0.1	3	31	ND
Maximum Concentration	0.3	0.1	9.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	64	42	<1	<1	18	29	0.1	30	117	<0.0005
Maximum Detect	0.3	0.1	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64	42	ND	ND	18	29	0.1	30	117	ND
Average Concentration					0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	18	10	0.5		12	22	0.052	19	74	0.00025
Median Concentration	0.3	0.1	9.8	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	16	8	0.5	0.5	12	23	0.05	21	76	0.00025
Standard Deviation					0	0	0	0	0	0	0	0	0	11	8.1	0		3.1	5.1	0.01	7.2	20	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				PFOS		PAH/Phenols																				
				6:2 Fluorotelomer Sulfonate (6:2 FtS)	PFOS	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
				mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																									
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																									
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																									
Human Health - HSL-D - Vapour Intrusion + 4m SAND																									
Human Health - Direct Contact - HSL-D																									
Human Health - Intrusive - Vapour Intrusion 0-<2m																									
Human Health - Intrusive - Vapour Intrusion 2-<4m																									
Human Health - Intrusive - Vapour Intrusion + 4m																									
Human Health - Intrusive - Direct Contact																									
Human Health - Direct Contact - HIL-D																									
EIL - Commercial / Industrial (Aged)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				1.4[#15]					
NEPM (2013) ESL - Commercial & Industrial (Fine)																				1.4[#15]					
Location Code	Field ID	Matrix Type	Sampled Date																							
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	<0.005	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	<0.005	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	0.007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	17	17	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Number of Detects	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	0.005	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.007	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	0.007	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0029	0.29	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.0025	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0.0012	0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

											Polychlorinated Biphenyls	Solvents											
				Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1	5	5	5	0.5	5	10	50	10	50	100	100
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND							NL[#10]												260[#10]	NL[#10]				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND							NL[#9]												370[#9]	NL[#9]				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND							NL[#8]												630[#8]	NL[#8]				
Human Health - HSL-D - Vapour Intrusion + 4m SAND							NL[#11]												NL[#11]	NL[#11]				
Human Health - Direct Contact - HSL-D							11000[#13]												NL[#13]	NL[#13]				
Human Health - Intrusive - Vapour Intrusion 0-<2m							NL[#6]												NL[#6]	NL[#6]				
Human Health - Intrusive - Vapour Intrusion 2-<4m							NL[#5]												NL[#5]	NL[#5]				
Human Health - Intrusive - Vapour Intrusion + 4m							NL[#7]												NL[#7]	NL[#7]				
Human Health - Intrusive - Direct Contact							29000[#12]												82000[#12]	62000[#12]				
Human Health - Direct Contact - HIL-D								4000[#14]	660[#14]		240000[#14]		7[#14]											
EIL - Commercial / Industrial (Aged)							370[#2]																	
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																			215[#15]					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																								
NEPM (2013) ESL - Commercial & Industrial (Fine)																								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																					
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100
Statistical Summary																								
Number of Results				20	20	20	20	20	20	20	20	20	23	10	10	10	10	10	20	7	20	20	20	20
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50
Median Concentration				0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				TRH						VOCs		
				+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND												
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND												
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND												
Human Health - HSL-D - Vapour Intrusion + 4m SAND												
Human Health - Direct Contact - HSL-D						20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m												
Human Health - Intrusive - Vapour Intrusion 2-<4m												
Human Health - Intrusive - Vapour Intrusion + 4m												
Human Health - Intrusive - Direct Contact							85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D												
EIL - Commercial / Industrial (Aged)												
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)						170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)							1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)							2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**									
BL_MW01	BL_MW01_1.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-
BL_MW01	BL_MW01_3.0	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_MW02	BL_MW02_0.2	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_MW03	BL_MW03_0.25	SOIL	26-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_MW03	BL_MW03_3.4	SOIL	26-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_0.25	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_MW04	BL_MW04_1.55	SOIL	27-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_MW04	BL_MW04_2.5	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_0.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-
BL_MW05	BL_MW05_3.4	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_MW06	BL_MW06_0.25	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-
BL_MW06	BL_MW06_3.0	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_SB01	BL_SB01_0.25	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB01	BL_SB01_2.9	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_0.5	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB02	BL_SB02_1.75	SOIL	27-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_SB02	BL_SB02_2.7	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-
BL_SB03	BL_SB03_0.1	SOIL	14-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB03	BL_SB03_3.0	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_SB04	BL_SB04_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-
BL_SB04	BL_SB04_2.9	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB05	BL_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-
BL_SB05	BL_SB05_2.9	SOIL	21-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB06	BL_SB06_0.5	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB06	BL_SB06_2.9	SOIL	26-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BL_SB07	BL_SB07_0.25	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	-	-	-
BL_SB07	BL_SB07_2.9	SOIL	25-Nov-13	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Statistical Summary												
Number of Results				20	20	20	20	20	20	10	10	10
Number of Detects				0	0	0	0	0	0	0	0	0
Minimum Concentration				<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				25	25	25	50	50	5	0.25	0.25	0.25
Median Concentration				25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
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#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4m. AEC BM Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																		BTEX							1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane
			Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX											
			mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							$3^{\#10}$	$NL^{\#10}$	$NL^{\#10}$			$230^{\#10}$												
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							$3^{\#9}$	$NL^{\#9}$	$NL^{\#9}$			$NL^{\#9}$												
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							$3^{\#8}$	$NL^{\#8}$	$NL^{\#8}$			$NL^{\#8}$												
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							$3^{\#11}$	$NL^{\#11}$	$NL^{\#11}$			$NL^{\#11}$												
Human Health - Direct Contact - HSL-D																							$430^{\#13}$	$99000^{\#13}$	$27000^{\#13}$			$81000^{\#13}$												
Human Health - Intrusive - Vapour Intrusion 0-<2m																							$77^{\#6}$	$NL^{\#6}$	$NL^{\#6}$			$NL^{\#6}$												
Human Health - Intrusive - Vapour Intrusion 2-<4m																							$160^{\#5}$	$NL^{\#5}$	$NL^{\#5}$			$NL^{\#5}$												
Human Health - Intrusive - Vapour Intrusion + 4m																							$NL^{\#7}$	$NL^{\#7}$	$NL^{\#7}$			$NL^{\#7}$												
Human Health - Intrusive - Direct Contact																							$1100^{\#12}$	$120000^{\#12}$	$85000^{\#12}$			$130000^{\#12}$												
Human Health - Direct Contact - HIL-D																																							
EIL - Commercial / Industrial (Aged)																																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							$75^{\#15}$	$135^{\#15}$	$165^{\#15}$			$180^{\#15}$												
NEPM (2013) ESL - Commercial & Industrial (Fine)																							$95^{\#15}$	$135^{\#15}$	$185^{\#15}$			$95^{\#15}$												
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BM_MW01	BM_MW01_0.2	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW02	BM_MW02_0.5	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW02	BM_MW02_1.0	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW03	BM_MW03_0.2	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW04	BM_MW04_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_MW04	BM_MW04_1.6	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_MW05	BM_MW05_0.2	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW05	BM_MW05_1.5	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_MW06	BM_MW06_0.1	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB01	BM_SB01 (2)_0.8	SOIL	06-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_SB01	BM_SB01_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	16	31	<1	9	27	<1	2	24	21	<1	37	<1	63	27	9	<1	1.7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB01	BM_SB01_1.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_SB01	BM_SB01_2.5	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BM_SB02	BM_SB02_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB02	BM_SB02_0.9	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB03	BM_SB03_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB03	BM_SB03_1.7	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB04	BM_SB04_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB04	BM_SB04_1.3	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB05	BM_SB05_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB05	BM_SB05_1.8	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB06	BM_SB06_0.1	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB06	BM_SB06_1.8	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB07	BM_SB07_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB07	BM_SB07_1.6	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB08	BM_SB08_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB08	BM_SB08_4.6	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB09	BM_SB09_0.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-
BM_SB09	BM_SB09_3.0	SOIL	05-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-

Statistical Summary

Table 4m. AEC BM Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																	BTEX																						
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]																
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]																
Human Health - Intrusive - Vapour Intrusion 0-<2m																					77[#6]	NL[#6]	NL[#6]			NL[#6]																
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]																
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]																
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]																
Human Health - Direct Contact - HIL-D																																								
EIL - Commercial / Industrial (Aged)																																								
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																								
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]																
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]																

Location Code **Field ID** **Matrix Type** **Sampled Date**

Number of Results	29	29	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29	29	29	29	29	29	29	9	9	9	9	9	9	9	9	9	9	9	9	9
Number of Detects	29	29	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	16	31	<1	9	27	<1	2	24	21	<1	37	<1	63	27	9	<1	1.7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	0.6	1.2	ND	16	31	ND	9	27	ND	2	24	21	ND	37	ND	63	27	9	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.6	1.2	<0.5	16	31	<1	9	27	<1	2	24	21	<1	37	<1	63	27	9	<1	1.7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	0.6	1.2	ND	16	31	ND	9	27	ND	2	24	21	ND	37	ND	63	27	9	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.6	1.2	0.25	16	31	0.5	9	27	0.5	2	24	21	0.5	37	0.5	63	27	9	0.5	1.7	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0																		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Chlorinated Hydrocarbons																			Halogenated Benzenes									Halogenated Hydrocarbons							
				1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Aluminium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g
EQL				0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																						
Human Health - Direct Contact - HSL-D																																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																																						
Human Health - Intrusive - Vapour Intrusion + 4m																																						
Human Health - Intrusive - Direct Contact																																						
Human Health - Direct Contact - HIL-D																																						
EIL - Commercial / Industrial (Aged)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																						
NEPM (2013) ESL - Commercial & Industrial (Fine)																																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BM_MW01	BM_MW01_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	6.6	-
BM_MW02	BM_MW02_0.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	23.3	-
BM_MW02	BM_MW02_1.0	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.7	-
BM_MW03	BM_MW03_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	17.3	-
BM_MW04	BM_MW04_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.1	-
BM_MW04	BM_MW04_1.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	-
BM_MW05	BM_MW05_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	25.4	-
BM_MW05	BM_MW05_1.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	11.9	-
BM_MW06	BM_MW06_0.1	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.4	-
BM_SB01	BM_SB01 (2)_0.8	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	7.2	-
BM_SB01	BM_SB01_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.6	18.8	<0.1
BM_SB01	BM_SB01_1.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	19.9	-
BM_SB01	BM_SB01_2.5	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	20.1	-
BM_SB02	BM_SB02_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.4	-
BM_SB02	BM_SB02_0.9	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.2	-
BM_SB03	BM_SB03_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.4	-
BM_SB03	BM_SB03_1.7	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	-
BM_SB04	BM_SB04_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.2	-
BM_SB04	BM_SB04_1.3	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-
BM_SB05	BM_SB05_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.4	-
BM_SB05	BM_SB05_1.8	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.5	-
BM_SB06	BM_SB06_0.1	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.4	-
BM_SB06	BM_SB06_1.8	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	-
BM_SB07	BM_SB07_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.3	-
BM_SB07	BM_SB07_1.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-
BM_SB08	BM_SB08_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	-
BM_SB08	BM_SB08_4.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8	-
BM_SB09	BM_SB09_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	-
BM_SB09	BM_SB09_3.0	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-

Statistical Summary

	Chlorinated Hydrocarbons																		Halogenated Benzenes									Halogenated Hydrocarbons							
	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Aluminium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g
EQL	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																			
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																			
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																			
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																			
Human Health - Direct Contact - HSL-D																																			
Human Health - Intrusive - Vapour Intrusion 0-<2m																																			
Human Health - Intrusive - Vapour Intrusion 2-<4m																																			
Human Health - Intrusive - Vapour Intrusion + 4m																																			
Human Health - Intrusive - Direct Contact																																			
Human Health - Direct Contact - HIL-D																																			
EIL - Commercial / Industrial (Aged)																																			
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																			
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																			
NEPM (2013) ESL - Commercial & Industrial (Fine)																																			

Location Code **Field ID** **Matrix Type** **Sampled Date**

Number of Results	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1	29	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	29	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	22.6	6.6	<0.1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.6	6.6	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	22.6	26.4	<0.1
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.6	26.4	ND
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		18	
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	22.6	18.8	0.05
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5.1	
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour In
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Inorganics						MAH									Lead	Metals														
				Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol
				meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																		
Human Health - Direct Contact - HSL-D																																		
Human Health - Intrusive - Vapour Intrusion 0-<2m																																		
Human Health - Intrusive - Vapour Intrusion 2-<4m																																		
Human Health - Intrusive - Vapour Intrusion + 4m																																		
Human Health - Intrusive - Direct Contact																																		
Human Health - Direct Contact - HIL-D																			1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]								
EIL - Commercial / Industrial (Aged)																			1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]								
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																		
NEPM (2013) ESL - Commercial & Industrial (Fine)																																		
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BM_MW01	BM_MW01_0.2	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	10	<1	11	16	<0.1	22	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW02	BM_MW02_0.5	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	8	<1	18	15	<0.1	15	101	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW02	BM_MW02_1.0	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	24	12	<1	17	23	<0.1	22	127	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW03	BM_MW03_0.2	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	22	11	<1	22	29	<0.1	27	86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW04	BM_MW04_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	11	<1	24	23	<0.1	18	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW04	BM_MW04_1.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	11	<1	20	34	<0.1	24	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW05	BM_MW05_0.2	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	10	<1	33	22	<0.1	19	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW05	BM_MW05_1.5	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	8	<1	20	32	<0.1	30	89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_MW06	BM_MW06_0.1	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	12	<1	16	38	<0.1	19	86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB01	BM_SB01 (2)_0.8	SOIL	06-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	13	<1	14	23	<0.1	24	133	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB01	BM_SB01_0.5	SOIL	04-Dec-13	18.9	3.2	0.3	0.2	7.8	1	-	-	-	-	-	-	-	-	-	17	9	1	18	23	<0.1	18	118	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB01	BM_SB01_1.5	SOIL	04-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	17	<1	27	55	<0.1	29	91	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB01	BM_SB01_2.5	SOIL	05-Dec-13	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	36	7	<1	13	126	<0.1	14	78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB02	BM_SB02_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	10	<1	20	30	<0.1	76	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB02	BM_SB02_0.9	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	8	<1	18	20	<0.1	23	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB03	BM_SB03_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	8	<1	19	11	<0.1	14	45	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB03	BM_SB03_1.7	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	<5	<1	22	21	0.1	19	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB04	BM_SB04_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	24	<1	13	25	<0.1	20	101	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB04	BM_SB04_1.3	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	12	<1	8	24	<0.1	23	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB05	BM_SB05_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	25	<1	16	29	<0.1	29	71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB05	BM_SB05_1.8	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	14	<1	11	36	<0.1	16	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB06	BM_SB06_0.1	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	19	<1	27	35	<0.1	22	71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB06	BM_SB06_1.8	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	<5	<1	12	26	<0.1	9	51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB07	BM_SB07_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	14	<1	27	32	<0.1	26	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB07	BM_SB07_1.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	14	<1	14	37	<0.1	19	92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB08	BM_SB08_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	19	<1	11	31	<0.1	17	80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB08	BM_SB08_4.6	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	10	<1	12	18	<0.1	51	113	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB09	BM_SB09_0.5	SOIL	04-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	20	<1	27	29	<0.1	29	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
BM_SB09	BM_SB09_3.0	SOIL	05-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	22	<1	7	28	<0.1	24	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1

Statistical Summary

Table 4m. AEC BM Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Inorganics						MAH									Lead	Metals																
	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol
	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																
Human Health - Direct Contact - HSL-D																																
Human Health - Intrusive - Vapour Intrusion 0-<2m																																
Human Health - Intrusive - Vapour Intrusion 2-<4m																																
Human Health - Intrusive - Vapour Intrusion + 4m																																
Human Health - Intrusive - Direct Contact																																
Human Health - Direct Contact - HIL-D																1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]									
EIL - Commercial / Industrial (Aged)																1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																
NEPM (2013) ESL - Commercial & Industrial (Fine)																																

Location Code **Field ID** **Matrix Type** **Sampled Date**

Number of Results	1	1	1	1	1	1	9	9	9	9	9	9	9	9	9	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Number of Detects	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	29	27	1	29	29	1	29	29	0	0	0	0	0	0	0	0	0
Minimum Concentration	18.9	3.2	0.3	0.2	7.8	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	<5	<1	7	11	<0.1	9	45	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
Minimum Detect	18.9	3.2	0.3	0.2	7.8	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	7	1	7	11	0.1	9	45	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	18.9	3.2	0.3	0.2	7.8	1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	36	25	1	33	126	0.1	76	133	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
Maximum Detect	18.9	3.2	0.3	0.2	7.8	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	25	1	33	126	0.1	76	133	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration							0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	19	13	0.52	18	31	0.052	24	82	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5
Median Concentration	18.9	3.2	0.3	0.2	7.8	1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	18	11	0.5	18	28	0.05	22	80	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5
Standard Deviation							0	0	0	0	0	0	0	0	0	5.7	5.7	0.093	6.4	20	0.0093	13	22	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour In
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				PAH/Phenols																					Polychlorinated Biphenyls
				4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																		NL[#10]						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																		NL[#9]						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																		NL[#8]						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																		NL[#11]						
Human Health - Direct Contact - HSL-D																		11000[#13]						
Human Health - Intrusive - Vapour Intrusion 0-<2m																		NL[#6]						
Human Health - Intrusive - Vapour Intrusion 2-<4m																		NL[#5]						
Human Health - Intrusive - Vapour Intrusion + 4m																		NL[#7]						
Human Health - Intrusive - Direct Contact																		29000[#12]						
Human Health - Direct Contact - HIL-D																			4000[#14]	660[#14]		240000[#14]		7[#14]
EIL - Commercial / Industrial (Aged)																		370[#2]						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																								
NEPM (2013) ESL - Commercial & Industrial (Coarse)									1.4[#15]															
NEPM (2013) ESL - Commercial & Industrial (Fine)									1.4[#15]															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																					
BM_MW01	BM_MW01_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW02	BM_MW02_0.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW02	BM_MW02_1.0	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW03	BM_MW03_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW04	BM_MW04_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_MW04	BM_MW04_1.6	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_MW05	BM_MW05_0.2	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW05	BM_MW05_1.5	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_MW06	BM_MW06_0.1	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB01	BM_SB01 (2)_0.8	SOIL	06-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_SB01	BM_SB01_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB01	BM_SB01_1.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_SB01	BM_SB01_2.5	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
BM_SB02	BM_SB02_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB02	BM_SB02_0.9	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB03	BM_SB03_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB03	BM_SB03_1.7	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB04	BM_SB04_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB04	BM_SB04_1.3	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB05	BM_SB05_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB05	BM_SB05_1.8	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB06	BM_SB06_0.1	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB06	BM_SB06_1.8	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB07	BM_SB07_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB07	BM_SB07_1.6	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB08	BM_SB08_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB08	BM_SB08_4.6	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB09	BM_SB09_0.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-
BM_SB09	BM_SB09_3.0	SOIL	05-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-

Statistical Summary

	PAH/Phenols																				Polychlorinated Biphenyls
	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND															NL[#10]						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND															NL[#9]						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND															NL[#8]						
Human Health - HSL-D - Vapour Intrusion + 4m SAND															NL[#11]						
Human Health - Direct Contact - HSL-D															11000[#13]						
Human Health - Intrusive - Vapour Intrusion 0-<2m															NL[#6]						
Human Health - Intrusive - Vapour Intrusion 2-<4m															NL[#5]						
Human Health - Intrusive - Vapour Intrusion + 4m															NL[#7]						
Human Health - Intrusive - Direct Contact															29000[#12]						
Human Health - Direct Contact - HIL-D																4000[#14]	660[#14]		240000[#14]		7[#14]
EIL - Commercial / Industrial (Aged)															370[#2]						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)						1.4[#15]															
NEPM (2013) ESL - Commercial & Industrial (Fine)						1.4[#15]															

Location Code	Field ID	Matrix Type	Sampled Date																				
Number of Results				29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	9
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Ir
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Solvents					TRH												VOCs		
				Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND									260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND									370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND									630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND									NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D									NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m									NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m									NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m									NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact									82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)									215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																		1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																		2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BM_MW01	BM_MW01_0.2	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW02	BM_MW02_0.5	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW02	BM_MW02_1.0	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW03	BM_MW03_0.2	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW04	BM_MW04_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_MW04	BM_MW04_1.6	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_MW05	BM_MW05_0.2	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW05	BM_MW05_1.5	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_MW06	BM_MW06_0.1	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB01	BM_SB01 (2)_0.8	SOIL	06-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_SB01	BM_SB01_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	140	120	260 - 285	220	<50	220	<100	<10	-	-	-
BM_SB01	BM_SB01_1.5	SOIL	04-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_SB01	BM_SB01_2.5	SOIL	05-Dec-13	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BM_SB02	BM_SB02_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB02	BM_SB02_0.9	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB03	BM_SB03_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB03	BM_SB03_1.7	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB04	BM_SB04_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB04	BM_SB04_1.3	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB05	BM_SB05_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB05	BM_SB05_1.8	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB06	BM_SB06_0.1	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB06	BM_SB06_1.8	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB07	BM_SB07_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB07	BM_SB07_1.6	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB08	BM_SB08_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB08	BM_SB08_4.6	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB09	BM_SB09_0.5	SOIL	04-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BM_SB09	BM_SB09_3.0	SOIL	05-Dec-13	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-

Statistical Summary

	Solvents					TRH												VOCs		
	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND						260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND						370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND						630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND						NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D						NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m						NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m						NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m						NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact						82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)						215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)															1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)															2500[#15]	6600[#15]				

Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
Number of Results				9	9	9	9	9	29	29	29	29	29	29	29	29	29	29	29	29	9	9	9
Number of Detects				0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	140	120	260	220	ND	220	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<0.5	<5	<10	<50	<10	<50	140	120	285	220	<50	220	<100	<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	140	120	285	220	ND	220	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	0.25	2.5	5	25	5	25	53	52	34	32	25	56	50	5	0.25	0.25	0.25
Median Concentration				2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	17	13	46	36	0	32	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Ir
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				BTEX							Inorganics									Lead	Metals										
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.1	5	5	10	1	50	1	2	2	5	5	0.1	2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND							3[#10]	NL[#10]	NL[#10]			230[#10]																					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND							3[#9]	NL[#9]	NL[#9]			NL[#9]																					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND							3[#8]	NL[#8]	NL[#8]			NL[#8]																					
Human Health - HSL-D - Vapour Intrusion + 4m SAND							3[#11]	NL[#11]	NL[#11]			NL[#11]																					
Human Health - Direct Contact - HSL-D							430[#13]	99000[#13]	27000[#13]			81000[#13]																					
Human Health - Intrusive - Vapour Intrusion 0-<2m							77[#6]	NL[#6]	NL[#6]			NL[#6]																					
Human Health - Intrusive - Vapour Intrusion 2-<4m							160[#5]	NL[#5]	NL[#5]			NL[#5]																					
Human Health - Intrusive - Vapour Intrusion + 4m							NL[#7]	NL[#7]	NL[#7]			NL[#7]																					
Human Health - Intrusive - Direct Contact							1100[#12]	120000[#12]	85000[#12]			130000[#12]																					
Human Health - Direct Contact - HIL-D																						1500[#14]	3000[#14]				900[#14]		4000[#14]	240000[#14]		730[#14]	
EIL - Commercial / Industrial (Aged)																						1800[#3]	160[#4]					550[#1]		320[#1]			
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																	
NEPM (2013) ESL - Commercial & Industrial (Coarse)							75[#15]	135[#15]	165[#15]			180[#15]																					
NEPM (2013) ESL - Commercial & Industrial (Fine)							95[#15]	135[#15]	185[#15]			95[#15]																					

Location Code	Field ID	Matrix Type	Sampled Date																															
BN_MW01	BN_MW01_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	32.7	-	567	26.4	<0.1	31.1	1.3	0.2	<0.1	-	33	6	80	<1	<50	2	17	7	19	259	-	<2
BN_MW01	BN_MW01_10MBGS	SOIL	27-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	512	4	5.8	-	-	-	-	-	8.8	14	7	-	-	-	<1	13	-	24	-	<0.1	-
BN_MW01	BN_MW01_2MBGS	SOIL	27-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	0.8	<0.5	0.8 - 1.05	0.8	-	580	4.1	-	-	-	-	-	-	9.2	13	10	-	-	-	<1	11	-	21	-	<0.1	-
BN_MW02	BN_MW02_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	11.6	-	579	6.8	-	-	-	-	-	8.4	16	6	70	<1	<50	<1	6	4	<5	76	-	<2
BN_MW02	BN_MW02_10MBGS	SOIL	27-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	573	6.8	-	-	-	-	-	-	9.2	13	8	-	-	-	<1	10	-	22	-	<0.1	-
BN_MW02	BN_MW02_2MBGS	SOIL	27-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	512	5.8	-	-	-	-	-	-	8.8	14	10	-	-	-	<1	13	-	24	-	<0.1	-
BN_MW03	BN_MW03_0.2	SOIL	05-Nov-13	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	31	-	580	27.2	<0.1	31.1	4.8	0.4	0.3	9.2	33	10	80	1	<50	2	17	14	24	480	<0.1	<2

Statistical Summary

Number of Results	7	7	7	7	7	7	7	7	7	7	3	4	7	3	3	3	3	3	4	7	7	3	3	3	7	7	3	7	3	4	3	
Number of Detects	7	7	0	0	0	0	1	0	1	1	3	4	7	0	3	3	3	2	4	7	7	3	1	0	1	7	3	6	3	0	0	
Minimum Concentration	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	11.6	512	4	<0.1	6	1.3	0.2	<0.1	8.4	5	6	70	<1	<50	<1	6	4	<5	76	<0.1	<2	
Minimum Detect	0.6	1.2	ND	ND	ND	ND	0.8	ND	0.8	0.8	11.6	512	4	ND	6	1.3	0.2	0.2	8.4	5	6	70	1	ND	2	6	4	16	76	ND	ND	
Maximum Concentration	0.6	1.2	<0.5	<0.2	<0.5	<0.5	0.8	<0.5	1.05	0.8	32.7	580	27.2	<0.1	31.1	4.8	0.4	0.3	9.2	33	10	80	1	<50	2	17	14	24	480	<0.1	<2	
Maximum Detect	0.6	1.2	ND	ND	ND	ND	0.8	ND	1.05	0.8	32.7	580	27.2	ND	31.1	4.8	0.4	0.3	9.2	33	10	80	1	ND	2	17	14	24	480	ND	ND	
Average Concentration	0.6	1.2	0.25	0.1	0.25	0.25	0.33	0.25	0.35	0.2	25	560	12	0.05	21	3.4	0.3	0.18	8.9	15	7.7	77	0.67	25	0.71	12	8.3	18	272	0.05	1	
Median Concentration	0.6	1.2	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	31	573	6.8	0.05	26.5	4	0.3	0.2	9	13	7	80	0.5	25	0.5	13	7	20	259	0.05	1	
Standard Deviation	0	0	0	0	0	0	0.21	0	0.26	0.26	12	32	10	0	13	1.8	0.1	0.13	0.38	8.8	1.7	5.8	0.29	0	0.57	3.5	5.1	7.2	202	0	0	
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

						PAH/Phenols																												
	Nickel	Selenium	Thallium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																													NL[#10]					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																													NL[#9]					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																													NL[#8]					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																													NL[#11]					
Human Health - Direct Contact - HSL-D																													11000[#13]					
Human Health - Intrusive - Vapour Intrusion 0-<2m																													NL[#6]					
Human Health - Intrusive - Vapour Intrusion 2-<4m																													NL[#5]					
Human Health - Intrusive - Vapour Intrusion + 4m																													NL[#7]					
Human Health - Intrusive - Direct Contact																													29000[#12]					
Human Health - Direct Contact - HIL-D	6000[#14]	10000[#14]			400000[#14]																									4000[#14]	660[#14]		240000[#14]	
EIL - Commercial / Industrial (Aged)	450[#1]				1100[#1]																								370[#2]					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				1.4[#15]														
NEPM (2013) ESL - Commercial & Industrial (Fine)																				1.4[#15]														

Location Code	Field ID	Matrix Type	Sampled Date																																	
BN_MW01	BN_MW01_0.2	SOIL	05-Nov-13	16	<5	<5	35	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BN_MW01	BN_MW01_10MBGS	SOIL	27-Nov-13	21	-	-	-	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BN_MW01	BN_MW01_2MBGS	SOIL	27-Nov-13	23	-	-	-	71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1 - 0.7	0.7	<2	<0.5	<0.5	<0.5
BN_MW02	BN_MW02_0.2	SOIL	05-Nov-13	5	<5	<5	17	26	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BN_MW02	BN_MW02_10MBGS	SOIL	27-Nov-13	20	-	-	-	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BN_MW02	BN_MW02_2MBGS	SOIL	27-Nov-13	22	-	-	-	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BN_MW03	BN_MW03_0.2	SOIL	05-Nov-13	49	<5	<5	29	136	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	7	3	3	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Number of Detects	7	0	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Minimum Concentration	5	<5	<5	17	26	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5
Minimum Detect	5	ND	ND	17	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND
Maximum Concentration	49	<5	<5	35	136	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	0.7	<2	<0.5	<0.5	<0.5	<0.5
Maximum Detect	49	ND	ND	35	136	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	0.7	ND	ND	ND	ND	ND
Average Concentration	22	2.5	2.5	27	76	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.3	0.31	1	0.25	0.25	0.25	0.25
Median Concentration	21	2.5	2.5	29	71	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.25
Standard Deviation	13	0	0	9.2	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil propert
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intr
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intr
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusic
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intr
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intr
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Int
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusi
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	TRH											
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D	NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact	82000[#12]	62000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D												
EIL - Commercial / Industrial (Aged)												
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)	215[#15]								170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)										1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)										2500[#15]	6600[#15]	

Location Code	Field ID	Matrix Type	Sampled Date											
BN_MW01	BN_MW01_0.2	SOIL	05-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BN_MW01	BN_MW01_10MBGS	SOIL	27-Nov-13	156	540	102	360	1650	330	2340	2370	540	1670	160	156
BN_MW01	BN_MW01_2MBGS	SOIL	27-Nov-13	34	<50	31	<50	<100	<100	<50	<50	<50	<100	<100	35
BN_MW02	BN_MW02_0.2	SOIL	05-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BN_MW02	BN_MW02_10MBGS	SOIL	27-Nov-13	49	420	25	260	1390	250	1900	1930	420	1390	120	49
BN_MW02	BN_MW02_2MBGS	SOIL	27-Nov-13	22	<50	18	<50	<100	<100	<50	<50	<50	<100	<100	22
BN_MW03	BN_MW03_0.2	SOIL	05-Nov-13	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	7	7	7	7	7	7	7	7	7	7	7	7
Number of Detects	4	2	4	2	2	2	2	2	2	2	2	4
Minimum Concentration	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	22	420	18	260	1390	250	1900	1930	420	1390	120	22
Maximum Concentration	156	540	102	360	1650	330	2340	2370	540	1670	160	156
Maximum Detect	156	540	102	360	1650	330	2340	2370	540	1670	160	156
Average Concentration	39	155	27	106	470	119	624	632	155	473	76	40
Median Concentration	22	25	18	25	50	50	25	25	25	50	50	22
Standard Deviation	54	225	35	142	721	119	1030	1045	225	727	45	54
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	2	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	2	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil propert
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intr
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intr
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusic
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intr
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intr
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Int
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusi
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Particle Size																		BTEX							Inorganics										
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							3[#10]	NL[#10]	NL[#10]			230[#10]											
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							3[#9]	NL[#9]	NL[#9]			NL[#9]											
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							3[#8]	NL[#8]	NL[#8]			NL[#8]											
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							3[#11]	NL[#11]	NL[#11]			NL[#11]											
Human Health - Direct Contact - HSL-D																							430[#13]	99000[#13]	27000[#13]			81000[#13]											
Human Health - Intrusive - Vapour Intrusion 0-<2m																							77[#6]	NL[#6]	NL[#6]			NL[#6]											
Human Health - Intrusive - Vapour Intrusion 2-<4m																							160[#5]	NL[#5]	NL[#5]			NL[#5]											
Human Health - Intrusive - Vapour Intrusion + 4m																							NL[#7]	NL[#7]	NL[#7]			NL[#7]											
Human Health - Intrusive - Direct Contact																							1100[#12]	120000[#12]	85000[#12]			130000[#12]											
Human Health - Direct Contact - HIL-D																																						
EIL - Commercial / Industrial (Aged)																																						
NEPM (2013) ESL - Urban residential & open space (Coarse or fine)																																						
NEPM (2013) ESL - Urban residential & open space (Coarse)																							50[#15]	85[#15]	70[#15]			105[#15]											
NEPM (2013) ESL - Urban residential & open space (Fine)																							65[#15]	105[#15]	125[#15]			45[#15]											
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BO_MW01	BO_MW01_0.1	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	26.4	320	17.3	<0.1	23.8	2.3	0.3	<0.1	7.4	-
BO_MW02	BO_MW02_0.2	SOIL	02-Dec-13	-	-	<0.5	2	7	<1	1	5	<1	<1	4	4	<1	17	<1	83	15	1	<1	1.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	9.3	59	15.9	<0.1	4.5	4	0.2	0.6	6.6	0.9
BO_MW02	BO_MW02_1.5	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	15.8	883	17.4	<0.1	4.7	10.4	0.2	0.5	6.6	-
BO_MW03	BO_MW03_0.2	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	11.7	596	19.7	<0.1	8	3.3	0.3	<0.1	8.1	-
BO_MW03	BO_MW03_2.8	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	4.2	749	19.1	<0.1	1	2.2	0.2	0.9	7.9	-
BO_MW04	BO_MW04_0.5	SOIL	28-Nov-13	-	-	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	98	2	<1	<1	0.9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	15.9	2890	17	<0.1	8.3	6.9	<0.1	0.6	7.8	0.5
BO_MW04	BO_MW04_1.75	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.3	-	-	<0.1	4.2	7.8	0.4	0.9	8	-
BO_MW04	BO_MW04_2.0	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	13.2	456	19.3	<0.1	3.8	8	0.5	1	7.5	-
BO_MW05	B0_MW05_1.8	SOIL	10-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	0.2	1190	12.6	<0.1	<0.1	<0.1	<0.1	<0.1	8.2	-
BO_MW05	B0_MW05_2.5	SOIL	10-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	12.7	1400	18.5	<0.1	0.2	0.2	0.2	12.2	7.8	-
BO_MW05	BO_MW05_0.15	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	24.1	197	19.1	<0.1	15.4	8.2	0.3	0.2	7.6	-
Statistical Summary																																						
Number of Results				2	2	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	11	10	10	11	11	11	11	11	11	2
Number of Detects				2	2	0	1	1	0	1	1	0	0	1	1	0	2	0	2	2	1	0	2	0	0	0	0	0	0	0	11	10	10	0	10	10	9	8	11	2
Minimum Concentration				0.6	1.2	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	83	2	<1	<1	0.9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	0.2	59	12.6	<0.1	<0.1	<0.1	<0.1	<0.1	6.6	0.5
Minimum Detect				0.6	1.2	ND	2	7	ND	1	5	ND	ND	4	4	ND	2	ND	83	2	1	ND	0.9	ND	ND	ND	ND	ND	ND	ND	0.2	59	12.6	ND	0.2	0.2	0.2	0.2	6.6	0.5
Maximum Concentration				0.6	1.2	<0.5	2	7	<1	1	5	<1	<1	4	4	<1	17	<1	98	15	1	<1	1.6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	26.4	2890	19.7	<0.1	23.8	10.4	0.5	12.2	8.2	0.9
Maximum Detect				0.6	1.2	ND	2	7	ND	1	5	ND	ND	4	4	ND	17	ND	98	15	1	ND	1.6	ND	ND	ND	ND	ND	ND	ND	26.4	2890	19.7	ND	23.8	10.4	0.5	12.2	8.2	0.9
Average Concentration						0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1	13	874	18	0.05	6.7	4.9	0.25	1.6	7.6	
Median Concentration				0.6	1.2	0.25	1.25	3.75	0.5	0.75	2.75	0.5	0.5	2.25	2.25	0.5	9.5	0.5	90.5	8.5	0.75	0.5	1.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	13.2	672.5	17.95	0.05	4.5	4	0.2	0.6	7.8	0.7
Standard Deviation						0																		0	0	0	0	0	0	0	7.6	826	2.1	0	7.2	3.6	0.14	3.6	0.55	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4o. AEC BO Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Lead	Metals																
	Lead	**Arsenic**	**Barium**	**Beryllium**	**Boron**	**Cadmium**	**Chromium (III+VI)**	**Cobalt**	**Copper**	**Manganese**	**Mercury**	**Molybdenum**	**Nickel**	**Selenium**	**Thallium**	**Titanium**	**Vanadium**	**Zinc**
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	10	1	50	1	2	2	5	5	0.1	2	2	5	5	10	5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																		
Human Health - Direct Contact - HSL-D																		
Human Health - Intrusive - Vapour Intrusion 0-<2m																		
Human Health - Intrusive - Vapour Intrusion 2-<4m																		
Human Health - Intrusive - Vapour Intrusion + 4m																		
Human Health - Intrusive - Direct Contact																		
Human Health - Direct Contact - HIL-D	1500[#14]	3000[#14]				900[#14]		4000[#14]	240000[#14]		730[#14]		6000[#14]	10000[#14]				400000[#14]
EIL - Commercial / Industrial (Aged)	1800[#3]	160[#4]					550[#1]		320[#1]				450[#1]					1100[#1]
NEPM (2013) ESL - Urban residential & open space (Coarse or fine)																		
NEPM (2013) ESL - Urban residential & open space (Coarse)																		
NEPM (2013) ESL - Urban residential & open space (Fine)																		

	PAH/Phenols																											
	2,4,5-trichlorophenol	**2,4,6-trichlorophenol**	**2,4-dichlorophenol**	**2,4-dimethylphenol**	**2,6-dichlorophenol**	**2-chlorophenol**	**2-methylphenol**	**2-nitrophenol**	**3-&4-methylphenol**	**4-chloro-3-methylphenol**	**Acenaphthene**	**Acenaphthylene**	**Anthracene**	**Benz(a)anthracene**	**Benzo(a) pyrene**	**Benzo(b)fluoranthene**	**Benzo(g,h,i)perylene**	**Benzo(k)fluoranthene**	**Chrysene**	**Dibenz(a,h)anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-c,d)pyrene**	**Naphthalene**	**PAHs (Sum of total)**	**Pentachlorophenol**	**Phenanthrene**	**Phenol**
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																								NL[#10]				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																								NL[#9]				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																								NL[#8]				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																								NL[#11]				
Human Health - Direct Contact - HSL-D																								11000[#13]				
Human Health - Intrusive - Vapour Intrusion 0-<2m																								NL[#6]				
Human Health - Intrusive - Vapour Intrusion 2-<4m																								NL[#5]				
Human Health - Intrusive - Vapour Intrusion + 4m																								NL[#7]				
Human Health - Intrusive - Direct Contact																								29000[#12]				
Human Health - Direct Contact - HIL-D																									4000[#14]	660[#14]		240000[#14]
EIL - Commercial / Industrial (Aged)																								370[#2]				
NEPM (2013) ESL - Urban residential & open space (Coarse or fine)																												
NEPM (2013) ESL - Urban residential & open space (Coarse)															0.7[#15]													
NEPM (2013) ESL - Urban residential & open space (Fine)															0.7[#15]													

Location Code	Field ID	Matrix Type	Sampled Date	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum	Nickel	Selenium	Thallium	Titanium	Vanadium	Zinc
BO_MW01	BO_MW01_0.1	SOIL	28-Nov-13	11	9	70	<1	<50	<1	9	7	21	276	-	<2	17	<5	-	20	20	54
BO_MW02	BO_MW02_0.2	SOIL	02-Dec-13	15	10	100	<1	<50	<1	18	3	7	82	<0.1	<2	11	<5	<5	-	38	24
BO_MW02	BO_MW02_1.5	SOIL	02-Dec-13	20	31	110	1	<50	<1	21	6	24	100	<0.1	2	24	<5	<5	-	58	70
BO_MW03	BO_MW03_0.2	SOIL	28-Nov-13	10	10	70	<1	<50	<1	10	5	13	116	-	<2	11	<5	-	40	25	31
BO_MW03	BO_MW03_2.8	SOIL	02-Dec-13	9	6	50	<1	<50	<1	9	12	12	21	<0.1	<2	15	<5	<5	-	21	31
BO_MW04	BO_MW04_0.5	SOIL	28-Nov-13	17	14	210	1	<50	1	22	12	24	298	-	<2	28	<5	-	90	55	49
BO_MW04	BO_MW04_1.75	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BO_MW04	BO_MW04_2.0	SOIL	02-Dec-13	22	16	160	1	<50	<1	22	20	20	593	<0.1	<2	23	<5	<5	-	58	58
BO_MW05	B0_MW05_1.8	SOIL	10-Dec-13	59	50	220	2	<50	<1	39	46	40	1500	<0.1	4	49	<5	<5	-	132	134
BO_MW05	B0_MW05_2.5	SOIL	10-Dec-13	34	29	250	2	<50	<1	24	23	30	920	<0.1	3	34	<5	<5	-	81	117
BO_MW05	BO_MW05_0.15	SOIL	02-Dec-13	17	27	190	1	<50	<1	23	13	22	177	<0.1	<2	22	<5	<5	-	50	60

Location Code	Field ID	Matrix Type	Sampled Date	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol
BO_MW01	BO_MW01_0.1	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW02	BO_MW02_0.2	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW02	BO_MW02_1.5	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW03	BO_MW03_0.2	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW03	BO_MW03_2.8	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW04	BO_MW04_0.5	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW04	BO_MW04_1.75	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BO_MW04	BO_MW04_2.0	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW05	B0_MW05_1.8	SOIL	10-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW05	B0_MW05_2.5	SOIL	10-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BO_MW05	BO_MW05_0.15	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5

Statistical Summary

	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum	Nickel	Selenium	Thallium	Titanium	Vanadium	Zinc
Number of Results	10	10	10	10	10	10	10	10	10	10	7	10	10	10	7	3	10	10
Number of Detects	10	10	10	6	0	1	10	10	10	10	0	3	10	0	0	3	10	10
Minimum Concentration	9	6	50	<1	<50	<1	9	3	7	21	<0.1	<2	11	<5	<5	20	20	24
Minimum Detect	9	6	50	1	ND	1	9	3	7	21	ND	2	11	ND	ND	20	20	24
Maximum Concentration	59	50	250	2	<50	1	39	46	40	1500	<0.1	4	49	<5	<5	90	132	134
Maximum Detect	59	50	250	2	ND	1	39	46	40	1500	ND	4	49	ND	ND	90	132	134
Average Concentration	21	20	143	1	25	0.55	20	15	21	408	0.05	1.6	23	2.5	2.5	50	54	63
Median Concentration	17	15	135	1	25	0.5	21.5	12	21.5	226.5	0.05	1	22.5	2.5	2.5	40	52.5	56
Standard Deviation	15	14	72	0.58	0	0.16	9.1	13	9.4	472	0	1.1	12	0	0	36	34	36
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol
Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				TRH												
	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND		260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND		370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND		630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND		NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D		NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m		NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m		NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m		NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact		82000[#12]	62000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D													
EIL - Commercial / Industrial (Aged)													
NEPM (2013) ESL - Urban residential & open space (Coarse or fine)		180[#15]								120[#15]			
NEPM (2013) ESL - Urban residential & open space (Coarse)											300[#15]	2800[#15]	
NEPM (2013) ESL - Urban residential & open space (Fine)											1300[#15]	5600[#15]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**													
BO_MW01	BO_MW01_0.1	SOIL	28-Nov-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW02	BO_MW02_0.2	SOIL	02-Dec-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW02	BO_MW02_1.5	SOIL	02-Dec-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW03	BO_MW03_0.2	SOIL	28-Nov-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW03	BO_MW03_2.8	SOIL	02-Dec-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW04	BO_MW04_0.5	SOIL	28-Nov-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW04	BO_MW04_1.75	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-
BO_MW04	BO_MW04_2.0	SOIL	02-Dec-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW05	B0_MW05_1.8	SOIL	10-Dec-13	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW05	B0_MW05_2.5	SOIL	10-Dec-13	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BO_MW05	BO_MW05_0.15	SOIL	02-Dec-13	<0.5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	10	10	2	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	5		5	25	50	50	25	25	25	50	50	5
Median Concentration	0.25	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation	0	0		0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapc
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapc
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour I
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapc
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapc
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4p. AEC BP Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																	BTEX							C											
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					3[#10]	NL[#10]	NL[#10]			230[#10]														
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					3[#9]	NL[#9]	NL[#9]			NL[#9]														
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					3[#8]	NL[#8]	NL[#8]			NL[#8]														
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					3[#11]	NL[#11]	NL[#11]			NL[#11]														
Human Health - Direct Contact - HSL-D																					430[#13]	99000[#13]	27000[#13]			81000[#13]														
Human Health - Intrusive - Vapour Intrusion 0-<2m																					7[#6]	NL[#6]	NL[#6]			NL[#6]														
Human Health - Intrusive - Vapour Intrusion 2-<4m																					160[#5]	NL[#5]	NL[#5]			NL[#5]														
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]	NL[#7]	NL[#7]			NL[#7]														
Human Health - Intrusive - Direct Contact																					1100[#12]	120000[#12]	85000[#12]			130000[#12]														
Human Health - Direct Contact - HIL-D																																							
EIL - Commercial / Industrial (Aged)																																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					75[#15]	135[#15]	165[#15]			180[#15]														
NEPM (2013) ESL - Commercial & Industrial (Fine)																					95[#15]	135[#15]	185[#15]			95[#15]														

Location Code	Field ID	Matrix Type	Sampled Date																																						
BP_MW01	BP_MW01_0.25	SOIL	26-Nov-13	-	-	<0.5	62	75	<1	56	72	<1	44	69	67	<1	78	31	22	21	56	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW01	BP_MW01_3.5	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	0.6	<0.5	0.6 - 0.85	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_6.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_0.5	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_3.5	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_0.5	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_5.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_0.1	SOIL	14-Nov-13	0.8	1.3	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_1.0	SOIL	14-Nov-13	0.6	1.2	<0.5	13	14	<1	12	13	<1	10	13	13	<1	14	7	86	2	12	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_6.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW06	BP_MW06_0.2	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	7	7	12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Number of Detects	7	7	0	2	2	0	2	2	0	2	2	2	0	2	2	2	2	2	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	13	14	<1	12	13	<1	10	13	13	<1	14	7	22	2	12	<1	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	0.6	1.2	ND	13	14	ND	12	13	ND	10	13	13	ND	14	7	22	2	12	ND	ND	ND	ND	ND	0.6	ND	0.6	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.8	1.3	<0.5	62	75	<1	56	72	<1	44	69	67	<1	78	31	86	21	56	<1	<0.5	<0.2	<0.5	<0.5	0.6	<0.5	0.85	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	0.8	1.3	ND	62	75	ND	56	72	ND	44	69	67	ND	78	31	86	21	56	ND	ND	ND	ND	ND	0.6	ND	0.85	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.63	1.2	0.25																		0.1	0.25	0.25	0.28	0.25	0.29	0.14	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.6	1.2	0.25	37.5	44.5	0.5	34	42.5	0.5	27	41	40	0.5	46	19	54	11.5	34	0.5	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0.076	0.038	0																		0	0	0	0.1	0	0.14	0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soil properties across the AEC and mean ABC values from the buffer lands.

	Chlorinated Hydrocarbons																Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics					
	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g
EQL	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1	0.1	0.1	0.1
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																				
Human Health - Direct Contact - HSL-D																																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																																				
Human Health - Intrusive - Vapour Intrusion + 4m																																				
Human Health - Intrusive - Direct Contact																																				
Human Health - Direct Contact - HIL-D																																				
EIL - Commercial / Industrial (Aged)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																																				
BP_MW01	BP_MW01_0.25	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	8.8	-	-	-	-
BP_MW01	BP_MW01_3.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	16.9	-	-	-	-
BP_MW02	BP_MW02_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	21.7	-	-	-	-
BP_MW02	BP_MW02_6.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15.1	-	-	-	-
BP_MW03	BP_MW03_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	11.8	-	-	-	-
BP_MW03	BP_MW03_3.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	20.5	-	-	-	-
BP_MW04	BP_MW04_0.5	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	16.3	-	-	-	-
BP_MW04	BP_MW04_5.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	22.6	-	-	-	-
BP_MW05	BP_MW05_0.1	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	20.7	-	-	-	-
BP_MW05	BP_MW05_1.0	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	11.7	16	0.2	4.2	6	0.3
BP_MW05	BP_MW05_6.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	17.8	-	-	-	-
BP_MW06	BP_MW06_0.2	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.4	-	-	-	-
Statistical Summary																																				
Number of Results	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	1	12	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	1	1	1	1
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	11.7	8.8	0.2	4.2	6	0.3
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.7	8.8	0.2	4.2	6	0.3
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	11.7	22.6	0.2	4.2	6	0.3
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.7	22.6	0.2	4.2	6	0.3
Average Concentration	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		17				
Median Concentration	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	11.7	16.6	0.2	4.2	6	0.3
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4.1				
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour In
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour I
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soil pr

				MAH									Lead	Metals																					
	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene
	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																		
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																		
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																		
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																		
Human Health - Direct Contact - HSL-D																																		
Human Health - Intrusive - Vapour Intrusion 0-<2m																																		
Human Health - Intrusive - Vapour Intrusion 2-<4m																																		
Human Health - Intrusive - Vapour Intrusion + 4m																																		
Human Health - Intrusive - Direct Contact																																		
Human Health - Direct Contact - HIL-D													1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]														
EIL - Commercial / Industrial (Aged)													1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]														
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																		
NEPM (2013) ESL - Commercial & Industrial (Fine)																																		
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BP_MW01	BP_MW01_0.25	SOIL	26-Nov-13	-	6.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	18	7	<0.1	6	24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW01	BP_MW01_3.5	SOIL	26-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	5	<1	23	26	<0.1	17	80	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_0.2	SOIL	14-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	20	11	<1	31	23	<0.1	28	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_6.0	SOIL	21-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	43	6	<1	30	19	<0.1	13	53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_0.5	SOIL	26-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9	8	<1	18	19	<0.1	20	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_3.5	SOIL	26-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	6	<1	22	21	<0.1	16	74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_0.5	SOIL	14-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	12	<1	22	14	<0.1	8	37	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_5.0	SOIL	20-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	9	<1	28	12	<0.1	15	24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_0.1	SOIL	14-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	16	<1	8	22	0.1	12	164	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.2
BP_MW05	BP_MW05_1.0	SOIL	14-Nov-13	1.1	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	24	18	<1	21	28	<0.1	10	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_6.0	SOIL	20-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	25	30	<1	18	30	<0.1	52	109	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
BP_MW06	BP_MW06_0.2	SOIL	25-Nov-13	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	13	13	<0.1	22	61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																			
Number of Results				1	2	2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Number of Detects				1	2	0	0	0	0	0	0	0	0	10	10	0	12	12	1	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Minimum Concentration				1.1	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	8	7	<0.1	6	24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				1.1	4.5	ND	ND	ND	ND	ND	ND	ND	ND	5	5	ND	8	7	0.1	6	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
Maximum Concentration				1.1	6.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	43	30	<1	31	30	0.1	52	164	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.2
Maximum Detect				1.1	6.7	ND	ND	ND	ND	ND	ND	ND	ND	43	30	ND	31	30	0.1	52	164	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2
Average Concentration							0.25	0.25	0.25	0.25	0.25	0.25	0.25	16	11	0.5	21	20	0.054	18	68	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.33
Median Concentration				1.1	5.6	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	15	8.5	0.5	21.5	20	0.05	15.5	61.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25
Standard Deviation							0	0	0	0	0	0	0	11	7.8	0	6.7	6.9	0.014	12	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0.27
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour In
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soil pr

	PAH/Phenols															Solvents					TRH										VOCs		
	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND										NL[#10]											260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND										NL[#9]											370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND										NL[#8]											630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND										NL[#11]											NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D										11000[#13]											NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m										NL[#6]											NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m										NL[#5]											NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m										NL[#7]											NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact										29000[#12]											82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D											4000[#14]	660[#14]		240000[#14]																					
EIL - Commercial / Industrial (Aged)										370[#2]																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																					215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)	1.4[#15]																													1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)	1.4[#15]																													2500[#15]	6600[#15]				

Location Code	Field ID	Matrix Type	Sampled Date																																	
BP_MW01	BP_MW01_0.25	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW01	BP_MW01_3.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.9	<0.5	<0.5	<0.5	2.7	<2	0.7	<0.5	0.6	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	310	180	490 - 515	530	<50	420	110	<10	<0.5	<0.5	<0.5
BP_MW02	BP_MW02_6.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW03	BP_MW03_3.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_0.5	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW04	BP_MW04_5.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_0.1	SOIL	14-Nov-13	<0.5	1.1	<0.5	<0.5	1.4	<0.5	3.3	<0.5	<0.5	<1 - 0.6	13.2	<2	3.4	<0.5	2.2	<5	<5	<5	<0.5	<5	10	260	<10	120	1940	800	2860	3070	260	2410	400	10	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_1.0	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW05	BP_MW05_6.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BP_MW06	BP_MW06_0.2	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	7	12	12	12	12	12	12	12	12	12	12	12	12	12
Number of Detects	0	1	0	0	2	0	2	0	0	1	2	0	2	0	2	0	0	0	0	0	1	1	0	1	2	2	2	2	1	2	2	1	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect	ND	1.1	ND	ND	0.5	ND	0.9	ND	ND	ND	2.7	ND	0.7	ND	0.6	ND	ND	ND	ND	ND	10	260	ND	120	310	180	490	530	260	420	110	10	ND	ND	ND
Maximum Concentration	<0.5	1.1	<0.5	<0.5	1.4	<0.5	3.3	<0.5	<0.5	0.6	13.2	<2	3.4	<0.5	2.2	<5	<5	<5	<0.5	<5	10	260	<10	120	1940	800	2860	3070	260	2410	400	10	<0.5	<0.5	<0.5
Maximum Detect	ND	1.1	ND	ND	1.4	ND	3.3	ND	ND	0.6	13.2	ND	3.4	ND	2.2	ND	ND	ND	ND	ND	10	260	ND	120	1940	800	2860	3070	260	2410	400	10	ND	ND	ND
Average Concentration	0.25	0.32	0.25	0.25	0.37	0.25	0.56	0.25	0.25	0.28	1.5	1	0.55	0.25	0.44	2.5	2.5	2.5	0.25	2.5	5.4	59	5	33	229	123	301	321	45	278	84	5.4	0.25	0.25	0.25
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation	0	0.25	0	0	0.33	0	0.88	0	0	0.087	3.7	0	0.91	0	0.56	0	0	0	0	0	1.4	89	0	27	544	216	817	878	68	680	101	1.4	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapou
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapou
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Ir
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapou
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapou
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapo
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil
#16 AEC BI EIL for commercial/industrial landuse. Calculated using mean soil pr

							Particle Size																
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	3	13	<1	2	5	<1	1	4	3	<1	30	<1	70	28	2	<1	2.5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				BTEX						
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.5	0.5	0.5	0.5	0.5	0.2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND				$3^{\#10}$	NL$^{\#10}$	NL$^{\#10}$			$230^{\#10}$	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND				$3^{\#9}$	NL$^{\#9}$	NL$^{\#9}$			NL$^{\#9}$	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND				$3^{\#8}$	NL$^{\#8}$	NL$^{\#8}$			NL$^{\#8}$	
Human Health - HSL-D - Vapour Intrusion + 4m SAND				$3^{\#11}$	NL$^{\#11}$	NL$^{\#11}$			NL$^{\#11}$	
Human Health - Direct Contact - HSL-D				$430^{\#13}$	$99000^{\#13}$	$27000^{\#13}$			$81000^{\#13}$	
Human Health - Intrusive - Vapour Intrusion 0-<2m				$77^{\#6}$	NL$^{\#6}$	NL$^{\#6}$			NL$^{\#6}$	
Human Health - Intrusive - Vapour Intrusion 2-<4m				$160^{\#5}$	NL$^{\#5}$	NL$^{\#5}$			NL$^{\#5}$	
Human Health - Intrusive - Vapour Intrusion + 4m				NL$^{\#7}$	NL$^{\#7}$	NL$^{\#7}$			NL$^{\#7}$	
Human Health - Intrusive - Direct Contact				$1100^{\#12}$	$120000^{\#12}$	$85000^{\#12}$			$130000^{\#12}$	
Human Health - Direct Contact - HIL-D										
EIL - Commercial / Industrial (Aged)										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)										
NEPM (2013) ESL - Commercial & Industrial (Coarse)				$75^{\#15}$	$135^{\#15}$	$165^{\#15}$			$180^{\#15}$	
NEPM (2013) ESL - Commercial & Industrial (Fine)				$95^{\#15}$	$135^{\#15}$	$185^{\#15}$			$95^{\#15}$	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**							
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2

				Chlorinated Hydrocarbons																	
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					
Human Health - Direct Contact - HSL-D																					
Human Health - Intrusive - Vapour Intrusion 0-<2m																					
Human Health - Intrusive - Vapour Intrusion 2-<4m																					
Human Health - Intrusive - Vapour Intrusion + 4m																					
Human Health - Intrusive - Direct Contact																					
Human Health - Direct Contact - HIL-D																					
EIL - Commercial / Industrial (Aged)																					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					
NEPM (2013) ESL - Commercial & Industrial (Fine)																					
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																		
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

Statistical Summary

	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter
Number of Results	16	16	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Number of Detects	16	16	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	2
Minimum Concentration	0.6	1.2	<0.5	3	13	<1	2	5	<1	1	4	3	<1	30	<1	70	28	2	<1	0.7
Minimum Detect	0.6	1.2	ND	3	13	ND	2	5	ND	1	4	3	ND	30	ND	70	28	2	ND	0.7
Maximum Concentration	0.6	1.2	<0.5	3	13	<1	2	5	<1	1	4	3	<1	30	<1	70	28	2	<1	2.5
Maximum Detect	0.6	1.2	ND	3	13	ND	2	5	ND	1	4	3	ND	30	ND	70	28	2	ND	2.5
Average Concentration	0.6	1.2	0.25																	
Median Concentration	0.6	1.2	0.25	3	13	0.5	2	5	0.5	1	4	3	0.5	30	0.5	70	28	2	0.5	1.6
Standard Deviation	0	0	0																	
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX
Number of Results	22	22	22	22	22	22	22
Number of Detects	0	0	0	0	0	0	0
Minimum Concentration	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Minimum Detect	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
Maximum Detect	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.1	0.25	0.25	0.25	0.25	0.25	0.1
Median Concentration	0.1	0.25	0.25	0.25	0.25	0.25	0.1
Standard Deviation	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0

	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane
Number of Results	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
Median Concentration	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4q. AEC BQ Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

												Halogenated Benzenes								
	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																				
Human Health - Direct Contact - HSL-D																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																				
Human Health - Intrusive - Vapour Intrusion + 4m																				
Human Health - Intrusive - Direct Contact																				
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																				

Location Code	Field ID	Matrix Type	Sampled Date	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Statistical Summary	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene
Number of Results	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Halogenated Hydrocarbons					Inorganics														
	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Chloride	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Sodium	Sulphate	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	mg/kg	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL	0.5	5	5	0.5	5	0.1	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	10	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																				
Human Health - Direct Contact - HSL-D																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																				
Human Health - Intrusive - Vapour Intrusion + 4m																				
Human Health - Intrusive - Direct Contact																				
Human Health - Direct Contact - HIL-D																				
EIL - Commercial / Industrial (Aged)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																				

Location Code	Field ID	Matrix Type	Sampled Date	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Chloride	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Sodium	Sulphate	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	-	-	-	-	-	4.5	<10	24	14.6	<0.1	3	1.2	0.2	<0.1	6.7	20	10	-	-	-
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.5	<5	<5	<0.5	<5	10	-	333	18.7	-	2.7	4.6	0.2	2.6	4.9	-	-	-	<0.5	<0.5
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	-	-	-	-	-	6.5	-	-	22.8	<0.1	4.4	1.6	0.5	<0.1	5.5	-	-	-	-	-
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	-	-	-	-	-	21.3	-	900	20.2	<0.1	7.4	11.6	0.3	1.9	8.4	-	-	-	-	-
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	-	-	-	-	-	22.6	-	-	25.4	<0.1	10.9	9.6	0.8	1.4	5.8	-	-	-	-	-
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	-	-	-	-	-	24.1	-	305	20.6	<0.1	11.9	10.8	0.3	1.1	6.9	-	-	-	-	-
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.5	<5	<5	<0.5	<5	19.4	-	-	25	<0.1	12.8	4.9	1.5	0.2	5.6	-	-	-	<0.5	<0.5
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	-	-	-	-	-	19.5	-	-	28	<0.1	14.8	3.1	1.4	0.1	5.6	-	-	-	-	-
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.5	<5	<5	<0.5	<5	-	-	1860	18.7	-	-	-	-	-	4.4	-	-	-	<0.5	<0.5
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.5	<5	<5	<0.5	<5	13.7	-	-	35.7	<0.1	7.5	5.2	0.8	0.2	6.2	-	-	-	<0.5	<0.5
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	-	-	-	-	-	17.1	-	1660	15.5	<0.1	8.9	7.4	0.1	0.7	9.4	-	-	-	-	-
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	-	-	-	-	-	18.7	-	-	25.1	<0.1	10.2	6.9	1.3	0.2	6.3	-	-	-	-	-
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.5	<5	<5	<0.5	<5	-	-	1240	18.7	-	-	-	-	-	6.3	-	-	-	<0.5	<0.5
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	-	-	-	-	-	24.1	140	365	20.1	<0.1	16.9	6	0.6	0.6	6.8	170	580	-	-	-
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.5	<5	<5	<0.5	<5	26.8	-	1250	24.4	<0.1	14.2	8.4	0.3	3.9	6.1	-	-	-	<0.5	<0.5
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	-	-	-	-	-	21.8	-	-	18.9	<0.1	14	6.9	0.3	0.6	6.6	-	-	<0.5	-	-
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.5	<5	<5	<0.5	<5	14.2	-	228	21.3	<0.1	3.8	8.1	0.3	2	7.7	-	-	-	<0.5	<0.5
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.5	<5	<5	<0.5	<5	12.6	-	-	23.7	<0.1	7.1	4.1	1.3	<0.1	6.4	-	-	1.4	<0.5	<0.5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	-	-	-	-	-	18.7	30	76	22.3	<0.1	13.8	4	0.6	0.2	6.7	20	10	-	-	-
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.5	<5	<5	<0.5	<5	30	-	468	17.6	<0.1	24	5.3	<0.1	0.6	8.6	-	-	-	<0.5	<0.5
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.5	<5	<5	<0.5	<5	11.6	-	-	19.9	<0.1	7.5	3.6	0.2	0.2	5.7	-	-	-	<0.5	<0.5
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.5	<5	<5	<0.5	<5	-	-	1100	18.1	-	-	-	-	-	7.3	-	-	-	<0.5	<0.5

Statistical Summary	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Chloride	Electrical conductivity *(lab)	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	Sodium	Sulphate	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
Number of Results	11	11	11	11	11	19	3	13	22	18	19	19	19	19	22	3	3	2	11	11
Number of Detects	0	0	0	0	0	19	2	13	22	0	19	19	18	16	22	3	3	1	0	0
Minimum Concentration	<0.5	<5	<5	<0.5	<5	4.5	<10	24	14.6	<0.1	2.7	1.2	<0.1	<0.1	4.4	20	10	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	4.5	30	24	14.6	ND	2.7	1.2	0.1	0.1	4.4	20	10	1.4	ND	ND
Maximum Concentration	<0.5	<5	<5	<0.5	<5	30	140	1860	35.7	<0.1	24	11.6	1.5	3.9	9.4	170	580	1.4	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	30	140	1860	35.7	ND	24	11.6	1.5	3.9	9.4	170	580	1.4	ND	ND
Average Concentration	0.25	2.5	2.5	0.25	2.5	18	58	755	22	0.05	10	6	0.58	0.88	6.5	70	200		0.25	0.25
Median Concentration	0.25	2.5	2.5	0.25	2.5	18.7	30	468	20.4	0.05	10.2	5.3	0.3	0.6	6.35	20	10	0.825	0.25	0.25
Standard Deviation	0	0	0	0	0	6.8	72	616	4.6	0	5.4	2.9	0.47	1.1	1.2	87	329		0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	MAH							Lead	Metals																														
	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Thallium	Titanium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	10	1	50	1	10	2	2	5	10	5	0.1	2	2	10	5	5	10	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																									
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																									
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																									
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																									
Human Health - Direct Contact - HSL-D																																									
Human Health - Intrusive - Vapour Intrusion 0-<2m																																									
Human Health - Intrusive - Vapour Intrusion 2-<4m																																									
Human Health - Intrusive - Vapour Intrusion + 4m																																									
Human Health - Intrusive - Direct Contact																																									
Human Health - Direct Contact - HIL-D								1500[#14]	3000[#14]				900[#14]			4000[#4]	240000[#14]			730[#14]		6000[#14]		10000[#14]				400000[#14]											
EIL - Commercial / Industrial (Aged)								1800[#3]	160[#4]						550[#1]		320[#1]					450[#1]						1100[#1]											
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																									
NEPM (2013) ESL - Commercial & Industrial (Fine)																																									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																							
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	-	-	-	-	-	-	-	9	13	40	<1	<50	<1	<10	7	4	5	<10	135	-	<2	6	30	<5	<5	-	17	33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	8	-	-	-	<1	-	12	-	12	-	-	<0.1	-	6	-	-	-	-	-	37	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	12	7	-	-	-	<1	-	11	-	8	-	-	<0.1	-	7	-	-	-	-	-	34	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	-	-	-	-	-	-	-	20	27	50	1	<50	<1	-	12	14	42	-	1270	<0.1	6	26	-	<5	<5	-	46	115	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	21	14	-	-	-	<1	-	19	-	26	-	-	<0.1	-	20	-	-	-	-	-	51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	-	-	-	-	-	-	-	10	<5	120	1	<50	<1	-	12	46	37	-	1030	<0.1	<2	24	-	<5	<5	-	33	116	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	11	-	-	-	<1	-	13	-	32	-	-	<0.1	-	12	-	-	-	-	-	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	20	20	-	-	-	<1	-	15	-	33	-	-	<0.1	-	19	-	-	-	-	-	55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	<5	70	<1	<50	<1	-	6	4	22	-	79	-	<2	8	-	<5	-	60	16	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	14	-	-	-	<1	-	13	-	21	-	-	<0.1	-	12	-	-	-	-	-	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	-	-	-	-	-	-	-	22	12	210	1	<50	2	-	9	12	32	-	1960	-	4	24	-	<5	<5	50	25	81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	20	24	-	-	-	<1	-	18	-	30	-	-	<0.1	-	22	-	-	-	-	-	76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	14	60	<1	<50	<1	-	8	<2	24	-	<5	-	3	<2	-	<5	-	20	14	9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	-	-	-	-	-	-	-	19	11	160	2	<50	<1	90	20	22	22	130	841	-	<2	18	280	<5	<5	-	66	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	8	120	2	<50	2	-	20	11	55	-	273	<0.1	2	25	-	<5	<5	-	59	117	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	-	-	-	-	-	-	-	17	18	240	<1	<50	<1	-	25	6	25	-	73	-	2	18	-	<5	<5	-	63	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	15	80	1	<50	1	-	19	8	23	-	175	<0.1	<2	13	-	<5	<5	-	62	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	7	-	-	-	<1	-	15	-	15	-	-	<0.1	-	10	-	-	-	-	-	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	-	-	-	-	-	-	-	14	9	200	1	<50	<1	30	21	9	19	40	235	-	<2	16	140	<5	<5	-	55	61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	13	130	<1	<50	<1	-	18	12	24	-	1230	<0.1	<2	15	-	<5	<5	-	40	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10	5	-	-	-	<1	-	17	-	14	-	-	<0.1	-	15	-	-	-	-	-	47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	8	40	4	<50	<1	-	18	324	22	-	984	<0.1	<2	92	-	<5	<5	-	25	216	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																									
Number of Results				11	11	11	11	11	11	22	22	22	13	13	13	22	3	22	13	22	3	13	15	13	22	3	13	10	3	13	22	22	22	22	22	22	22	22	22	22	22	22	22
Number of Detects				0	0	0	0	0	0	0	22	20	13	8	0	3	2	22	12	22	2	12	0	5	21	3	0	0	3	13	22	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	<5	40	<1	<50	<1	<10	6	<2	5	<10	<5	<0.1	<2	<2	30	<5	<5	20	14	9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	6	5	40	1	ND	1	30	6	4	5	40	73	ND	2	6	30	ND	ND	20	14	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	22	27	240	4	<50	2	90	25	324	55	130	1960	<0.1	6	92	280	<5	<5	60	66	216	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	22	27	240	4	ND	2	90	25	324	55	130	1960	ND	6	92	280	ND	ND	60	66	216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	15	12	117	1.2	25	0.66	42	15	36	25	58	638	0.05	1.9	19	150	2.5	2.5	43	40	72	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	16	11.5	120	1	25	0.5	30	15	11	23.5	40	273	0.05	1	15.5	140	2.5	2.5	50	40	61.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	4.5	6.3	68	0.99	0	0.45	44	5	87	11	64	620	0	1.6	18	125	0	0	21	20	43	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	PAH/Phenols																Solvents					TRH											VOCs		
	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND											NL[#10]											260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND											NL[#9]											370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND											NL[#8]											630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND											NL[#11]											NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D											11000[#13]											NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m											NL[#6]											NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m											NL[#5]											NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m											NL[#7]											NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact											29000[#12]											82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D												4000[#14]	660[#14]		240000[#14]																					
EIL - Commercial / Industrial (Aged)											370[#2]																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																						215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)		1.4[#15]																													1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)		1.4[#15]																													2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BQ_MW01	BQ_MW01_0.1	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW01	BQ_MW01_1.5	SOIL	22-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW02	BQ_MW02_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW02	BQ_MW02_3.8	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW03	BQ_MW03_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW03	BQ_MW03_4.5	SOIL	02-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW04	BQ_MW04_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW05	BQ_MW05_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW05	BQ_MW05_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW06	BQ_MW06_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW07	BQ_MW07_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW07	BQ_MW07_2.0	SOIL	28-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW08	BQ_MW08_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW08	BQ_MW08_3.9	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW10	BQ_MW10_3.5	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW11	BQ_MW11_3.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW12	BQ_MW12_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW13	BQ_MW13_0.2	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BQ_MW13	BQ_MW13_1.8	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BQ_MW14	BQ_MW14_2.4	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Statistical Summary																																				
Number of Results				22	22	22	22	22	22	22	22	22	22	22	22	22	22	11	11	11	11	11	22	16	22	22	22	22	22	22	22	22	22	22	11	11	11
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean so
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Va
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Va
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapou
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Va
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Va
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for V
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapo
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indus
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				BTEX							Chlorinated Hydrocarbons																				
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND							3[#9]	NL[#9]	NL[#9]			230[#9]																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND							3[#8]	NL[#8]	NL[#8]			NL[#8]																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND							3[#7]	NL[#7]	NL[#7]			NL[#7]																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND							3[#10]	NL[#10]	NL[#10]			NL[#10]																						
Human Health - Direct Contact - HSL-D							430[#12]	99000[#12]	27000[#12]			81000[#12]																						
Human Health - Intrusive - Vapour Intrusion 0-<2m							77[#5]	NL[#5]	NL[#5]			NL[#5]																						
Human Health - Intrusive - Vapour Intrusion 2-<4m							160[#4]	NL[#4]	NL[#4]			NL[#4]																						
Human Health - Intrusive - Vapour Intrusion + 4m							NL[#6]	NL[#6]	NL[#6]			NL[#6]																						
Human Health - Intrusive - Direct Contact							1100[#11]	120000[#11]	NL[#11]			130000[#11]																						
Human Health - Direct Contact - HIL-D																																		
EIL - Commercial / Industrial (Aged)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)							75[#14]	135[#14]	165[#14]			180[#14]																						
NEPM (2013) ESL - Commercial & Industrial (Fine)							95[#14]	135[#14]	185[#14]			95[#14]																						

Location Code	Field ID	Matrix Type	Sampled Date																																					
BR_MW01	BR_MW01_25MBG	SOIL	22/11/2013	0.8	1.3	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR_MW01	BR_MW01_49MBGS	SOIL	22/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR_MW05	BR_MW05_14.0	SOIL	20/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW05	BR_MW05_31.0	SOIL	20/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW06	BR_MW06_12MBGS	SOIL	26/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR_MW06	BR_MW06_18MBGS	SOIL	26/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR_MW09	BR_MW09_2-3MBGS	SOIL	27/11/2013	0.6	1.2	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR_MW11	BR_MW11_9MBGS	SOIL	26/11/2013	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Statistical Summary

Number of Results	8	8	8	8	8	8	8	8	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects	8	8	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.6	1.2	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	0.6	1.2	ND	2.5	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.8	1.3	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	0.8	1.3	ND	2.5	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.63	1.2	0.25	0.4	0.25	0.25	0.25	0.25	0.25	0.4																															
Median Concentration	0.6	1.2	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25					
Standard Deviation	0.071	0.035	0	0.85	0	0	0	0	0	0.85																															
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#14 ASC NEPM (2013) Ecological Screening Levels for Soil

									Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics			MAH									Lead
				Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Electrical conductivity *(lab)	Moisture	pH (Lab)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	%	pH_Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	1	1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																				
Human Health - Direct Contact - HSL-D																																				
Human Health - Intrusive - Vapour Intrusion 0-<2m																																				
Human Health - Intrusive - Vapour Intrusion 2-<4m																																				
Human Health - Intrusive - Vapour Intrusion + 4m																																				
Human Health - Intrusive - Direct Contact																																				
Human Health - Direct Contact - HIL-D																																				1500[#13]
EIL - Commercial / Industrial (Aged)																																				1800[#2]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																				
NEPM (2013) ESL - Commercial & Industrial (Fine)																																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BR_MW01	BR_MW01_25MBG	SOIL	22/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	9	7.3	-	-	-	-	-	-	-	-	-	9
BR_MW01	BR_MW01_49MBGS	SOIL	22/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	5.8	9.2	-	-	-	-	-	-	-	-	-	12
BR_MW05	BR_MW05_14.0	SOIL	20/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	164	10.1	8.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	22
BR_MW05	BR_MW05_31.0	SOIL	20/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	170	11.9	9.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5
BR_MW06	BR_MW06_12MBGS	SOIL	26/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178	10.2	8.6	-	-	-	-	-	-	-	-	-	15
BR_MW06	BR_MW06_18MBGS	SOIL	26/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	38.3	9.9	-	-	-	-	-	-	-	-	-	8
BR_MW09	BR_MW09_2-3MBGS	SOIL	27/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1680	5.1	11.4	-	-	-	-	-	-	-	-	-	16
BR_MW11	BR_MW11_9MBGS	SOIL	26/11/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	850	8.7	9.8	-	-	-	-	-	-	-	-	-	11
Statistical Summary																																				
Number of Results				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8	8	8	2	2	2	2	2	2	2	2	2	8
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	0	0	0	0	0	0	0	0	0	8
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	71	5.1	7.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71	5.1	7.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	1680	38.3	11.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	22
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1680	38.3	11.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	22
Average Concentration																									441	12	9.2										12
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	174	9.55	9.35	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	11.5
Standard Deviation																									557	11	1.2										5.3
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil proper
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intr
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intr
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusi
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intr
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intr
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intr
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrus
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#14 ASC NEPM (2013) Ecological Screening Levels for Soil

	Metals																PAH/Phenols														
	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese	Mercury	Molybdenum	Nickel	Selenium	Thallium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	10	1	50	1	2	2	5	5	0.1	2	2	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																
Human Health - Direct Contact - HSL-D																																
Human Health - Intrusive - Vapour Intrusion 0-<2m																																
Human Health - Intrusive - Vapour Intrusion 2-<4m																																
Human Health - Intrusive - Vapour Intrusion + 4m																																
Human Health - Intrusive - Direct Contact																																
Human Health - Direct Contact - HIL-D	3000[#13]				900[#13]		4000[#13]	240000[#13]		730[#13]		6000[#13]	10000[#13]			400000[#13]																
EIL - Commercial / Industrial (Aged)	160[#3]					550[#1]		320[#1]				450[#1]				1100[#1]															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															1.4[#14]	
NEPM (2013) ESL - Commercial & Industrial (Fine)																															1.4[#14]	

Location Code	Field ID	Matrix Type	Sampled Date																																					
BR_MW01	BR_MW01_25MBG	SOIL	22/11/2013	<5	<10	<1	<50	<1	<2	<2	6	745	<0.1	<2	<2	<5	<5	6	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	1
BR_MW01	BR_MW01_49MBGS	SOIL	22/11/2013	<5	100	<1	<50	<1	5	7	12	441	<0.1	<2	7	<5	<5	22	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW05	BR_MW05_14.0	SOIL	20/11/2013	34	50	1	<50	<1	<2	3	14	58	0.2	<2	5	<5	<5	12	29	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
BR_MW05	BR_MW05_31.0	SOIL	20/11/2013	<5	40	<1	<50	<1	2	<2	11	305	<0.1	<2	2	<5	<5	8	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW06	BR_MW06_12MBGS	SOIL	26/11/2013	7	70	1	<50	<1	4	10	32	423	<0.1	<2	12	<5	<5	25	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW06	BR_MW06_18MBGS	SOIL	26/11/2013	<5	180	<1	<50	<1	5	6	12	244	<0.1	<2	5	<5	<5	15	138	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW09	BR_MW09_2-3MBGS	SOIL	27/11/2013	17	140	1	<50	1	6	28	26	525	3.1	<2	36	<5	<5	29	121	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BR_MW11	BR_MW11_9MBGS	SOIL	26/11/2013	6	90	<1	<50	<1	4	7	18	191	<0.1	<2	8	<5	<5	12	83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	4	7	3	0	1	6	6	8	8	2	0	7	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Minimum Concentration	<5	<10	<1	<50	<1	<2	<2	6	58	<0.1	<2	<2	<5	<5	6	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect	6	40	1	ND	1	2	3	6	58	0.2	ND	2	ND	ND	6	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	1
Maximum Concentration	34	180	1	<50	1	6	28	32	745	3.1	<2	36	<5	<5	29	138	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	1
Maximum Detect	34	180	1	ND	1	6	28	32	745	3.1	ND	36	ND	ND	29	138	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	1
Average Concentration	9.3	84	0.69	25	0.56	3.5	7.9	16	367	0.45	1	9.5	2.5	2.5	16	67	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.38	0.25	0.34
Median Concentration	4.25	80	0.5	25	0.5	4	6.5	13	364	0.05	1	6	2.5	2.5	13.5	61.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation	11	56	0.26	0	0.18	1.9	8.7	8.6	214	1.1	0	11	0	0	8.3	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.24	0	0.27
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil proper
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intr
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#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intr
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intr
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intr
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrus
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#14 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4r. AEC BR Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

															Solvents						TRH												VOCs		
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND											NL[#9]											260[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND											NL[#8]											370[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND											NL[#7]											630[#7]	NL[#7]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND											NL[#10]											NL[#10]	NL[#10]													
Human Health - Direct Contact - HSL-D											11000[#12]											NL[#12]	NL[#12]							20000[#12]	27000[#12]	38000[#12]	26000[#12]			
Human Health - Intrusive - Vapour Intrusion 0-<2m											NL[#5]											NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion 2-<4m											NL[#4]											NL[#4]	NL[#4]													
Human Health - Intrusive - Vapour Intrusion + 4m											NL[#6]											NL[#6]	NL[#6]													
Human Health - Intrusive - Direct Contact											NL[#11]											82000[#11]	82000[#11]								85000[#11]	120000[#11]				
Human Health - Direct Contact - HIL-D												4000[#13]	660[#13]		240000[#13]																				
EIL - Commercial / Industrial (Aged)																																				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																						215[#14]								170[#14]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																															1700[#14]	3300[#14]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																															2500[#14]	6600[#14]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BR_MW01	BR_MW01_25MBG	SOIL	22/11/2013	<0.5	<0.5	0.9	<0.5	2	<0.5	<0.5	<0.5	6.8	<2	0.5	<0.5	1.5	-	-	-	-	-	<10	<50	<10	<50	350	140	490 - 515	420	<50	420	<100	<10	-	-	-
BR_MW01	BR_MW01_49MBGS	SOIL	22/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BR_MW05	BR_MW05_14.0	SOIL	20/11/2013	<0.5	<0.5	0.5	<0.5	1	<0.5	<0.5	<0.5	4.3	<2	1.2	<0.5	1	<5	<5	<5	<0.5	<5	<10	130	<10	60	720	250	1030	1090	130	840	120	<10	<0.5	<0.5	<0.5
BR_MW05	BR_MW05_31.0	SOIL	20/11/2013	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	1.3	<2	<0.5	<0.5	0.6	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	210	100	310 - 335	280	<50	280	<100	<10	<0.5	<0.5	<0.5
BR_MW06	BR_MW06_12MBGS	SOIL	26/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BR_MW06	BR_MW06_18MBGS	SOIL	26/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BR_MW09	BR_MW09_2-3MBGS	SOIL	27/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	1	<0.5	-	-	-	-	-	<10	<50	11	<50	130	<100	130 - 205	130	<50	130	<100	11	-	-	-
BR_MW11	BR_MW11_9MBGS	SOIL	26/11/2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
Statistical Summary																																				
Number of Results				8	8	8	8	8	8	8	8	8	8	8	8	8	2	2	2	2	2	8	8	8	8	8	8	8	8	8	8	8	8	2	2	2
Number of Detects				0	0	2	0	3	0	0	0	3	0	2	1	3	0	0	0	0	0	0	1	1	1	4	3	4	4	1	4	1	1	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	0.5	ND	0.7	ND	ND	ND	1.3	ND	0.5	1	0.6	ND	ND	ND	ND	ND	ND	130	11	60	130	100	130	130	130	130	120	11	ND	ND	ND
Maximum Concentration				<0.5	<0.5	0.9	<0.5	2	<0.5	<0.5	<0.5	6.8	<2	1.2	1	1.5	<5	<5	<5	<0.5	<5	<10	130	11	60	720	250	1030	1090	130	840	120	11	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	0.9	ND	2	ND	ND	ND	6.8	ND	1.2	1	1.5	ND	ND	ND	ND	ND	ND	130	11	60	720	250	1030	1090	130	840	120	11	ND	ND	ND
Average Concentration				0.25	0.25	0.36	0.25	0.62	0.25	0.25	0.25	1.7	1	0.4	0.34	0.54						5	38	5.8	29	201	93	265	253	38	234	59	5.8			
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	90	50	96.25	77.5	25	90	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0.23	0	0.63	0	0	0	2.5	0	0.33	0.27	0.47						0	37	2.1	12	235	72	356	369	37	280	25	2.1			
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil proper
#2 Generic lead ACL for commercial/industrial
#3 Generic arsenic ACL for commercial/industrial
#4 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intr
#5 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intr
#6 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusi
#7 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intr
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intr
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intr
#10 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrus
#11 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#12 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#13 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#14 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4s. AEC BS Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																		BTEX							Inorganics								Lead	
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	Lead	Arsenic
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	0.1	0.1	0.1	0.1	0.1	0.5	5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																						3[#10]	NL[#10]	NL[#10]			230[#10]											
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																						3[#9]	NL[#9]	NL[#9]			NL[#9]											
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																						3[#8]	NL[#8]	NL[#8]			NL[#8]											
Human Health - HSL-D - Vapour Intrusion + 4m SAND																						3[#11]	NL[#11]	NL[#11]			NL[#11]											
Human Health - Direct Contact - HSL-D																						430[#13]	99000[#13]	27000[#13]			81000[#13]											
Human Health - Intrusive - Vapour Intrusion 0-<2m																						77[#6]	NL[#6]	NL[#6]			NL[#6]											
Human Health - Intrusive - Vapour Intrusion 2-<4m																						160[#5]	NL[#5]	NL[#5]			NL[#5]											
Human Health - Intrusive - Vapour Intrusion + 4m																						NL[#7]	NL[#7]	NL[#7]			NL[#7]											
Human Health - Intrusive - Direct Contact																						1100[#12]	120000[#12]	85000[#12]			130000[#12]											
Human Health - Direct Contact - HIL-D																																					1500[#14]	3000[#14]
EIL - Commercial / Industrial (Aged)																																					1800[#3]	160[#4]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						75[#15]	135[#15]	165[#15]			180[#15]											
NEPM (2013) ESL - Commercial & Industrial (Fine)																						95[#15]	135[#15]	185[#15]			95[#15]											
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BS_MW01	BS_MW01_0.2	SOIL	01-Nov-13	-	-	-	8	22	<1	6	14	<1	5	11	9	<1	30	<1	70	23	6	<1	2.4	-	-	-	-	-	-	-	28	14.4	22.4	4.8	0.8	<0.1	8.2	1.4	-	-
BS_MW01	BS_MW01_2.7	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	16.6	-	-	-	-	-	-	20	7
BS_MW02	BS_MW02_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	4.8	-	-	-	-	-	-	38	16
BS_SB01	BS_SB01_2.6	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	9	-	-	-	-	-	-	12	13
BS_SB02	BS_SB02_0.2	SOIL	31-Oct-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	9.1	-	-	-	-	-	-	12	16
BS_SB02	BS_SB02_2.8	SOIL	08-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	13.1	-	-	-	-	-	-	10	<5
Statistical Summary																																							
Number of Results				5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	1	6	1	1	1	1	1	1	5	5
Number of Detects				5	5	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	1	6	1	1	1	0	1	1	5	4
Minimum Concentration				0.6	1.2	<0.5	8	22	<1	6	14	<1	5	11	9	<1	30	<1	70	23	6	<1	2.4	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	28	4.8	22.4	4.8	0.8	<0.1	8.2	1.4	10	<5
Minimum Detect				0.6	1.2	ND	8	22	ND	6	14	ND	5	11	9	ND	30	ND	70	23	6	ND	2.4	ND	ND	ND	ND	ND	ND	ND	28	4.8	22.4	4.8	0.8	ND	8.2	1.4	10	7
Maximum Concentration				0.6	1.2	<0.5	8	22	<1	6	14	<1	5	11	9	<1	30	<1	70	23	6	<1	2.4	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	28	16.6	22.4	4.8	0.8	<0.1	8.2	1.4	38	16
Maximum Detect				0.6	1.2	ND	8	22	ND	6	14	ND	5	11	9	ND	30	ND	70	23	6	ND	2.4	ND	ND	ND	ND	ND	ND	ND	28	16.6	22.4	4.8	0.8	ND	8.2	1.4	38	16
Average Concentration				0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1		11							18	11
Median Concentration				0.6	1.2	0.25	8	22	0.5	6	14	0.5	5	11	9	0.5	30	0.5	70	23	6	0.5	2.4	0.1	0.25	0.25	0.25	0.25	0.25	0.1	28	11.1	22.4	4.8	0.8	0.05	8.2	1.4	12	13
Standard Deviation				0	0	0																		0	0	0	0	0	0	0		4.3							12	6
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Metals						PAH/Phenols																													
				Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																	NL[#10]					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																	NL[#9]					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																	NL[#8]					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																	NL[#11]					
Human Health - Direct Contact - HSL-D																																	11000[#13]					
Human Health - Intrusive - Vapour Intrusion 0-<2m																																	NL[#6]					
Human Health - Intrusive - Vapour Intrusion 2-<4m																																	NL[#5]					
Human Health - Intrusive - Vapour Intrusion + 4m																																	NL[#7]					
Human Health - Intrusive - Direct Contact																																	29000[#12]					
Human Health - Direct Contact - HIL-D				900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																										4000[#14]	660[#14]		240000[#14]	
EIL - Commercial / Industrial (Aged)					550[#1]	320[#1]		450[#1]	1100[#1]																								370[#2]					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																								1.4[#15]														
NEPM (2013) ESL - Commercial & Industrial (Fine)																								1.4[#15]														
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BS_MW01	BS_MW01_0.2	SOIL	01-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BS_MW01	BS_MW01_2.7	SOIL	08-Nov-13	<1	9	44	<0.1	57	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BS_MW02	BS_MW02_0.2	SOIL	31-Oct-13	<1	11	18	<0.1	9	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BS_SB01	BS_SB01_2.6	SOIL	08-Nov-13	<1	8	19	<0.1	14	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BS_SB02	BS_SB02_0.2	SOIL	31-Oct-13	<1	11	10	<0.1	7	49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
BS_SB02	BS_SB02_2.8	SOIL	08-Nov-13	<1	10	15	<0.1	5	40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5

Statistical Summary

Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	8	10	<0.1	5	40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Minimum Detect				ND	8	10	ND	5	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	11	44	<0.1	57	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Maximum Detect				ND	11	44	ND	57	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	9.8	21	0.05	18	68	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25
Median Concentration				0.5	10	18	0.05	9	50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25
Standard Deviation				0	1.3	13	0	22	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour I
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Polychlorinated Biphenyls	TRH											
	PCBs (Sum of total)	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND		260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND		370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND		630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND		NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D		NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m		NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m		NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m		NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact		82000[#12]	62000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D	7[#14]												
EIL - Commercial / Industrial (Aged)													
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)		215[#15]								170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)											1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)											2500[#15]	6600[#15]	

Location Code	Field ID	Matrix Type	Sampled Date												
BS_MW01	BS_MW01_0.2	SOIL	01-Nov-13	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
BS_MW01	BS_MW01_2.7	SOIL	08-Nov-13	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BS_MW02	BS_MW02_0.2	SOIL	31-Oct-13	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BS_SB01	BS_SB01_2.6	SOIL	08-Nov-13	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BS_SB02	BS_SB02_0.2	SOIL	31-Oct-13	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BS_SB02	BS_SB02_2.8	SOIL	08-Nov-13	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10

Statistical Summary

Number of Results	1	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.1	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		5	25	5	25	50	50	25	25	25	50	50	5
Median Concentration	0.05	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation		0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil p
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour I
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industria
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4t. AEC BT Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																	BTEX							Inorganics									Lead
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	Lead
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							3[#10]	NL[#10]	NL[#10]			230[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							3[#9]	NL[#9]	NL[#9]			NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							3[#8]	NL[#8]	NL[#8]			NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							3[#11]	NL[#11]	NL[#11]			NL[#11]										
Human Health - Direct Contact - HSL-D																							430[#13]	99000[#13]	27000[#13]			81000[#13]										
Human Health - Intrusive - Vapour Intrusion 0-<2m																							77[#6]	NL[#6]	NL[#6]			NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m																							160[#5]	NL[#5]	NL[#5]			NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m																							NL[#7]	NL[#7]	NL[#7]			NL[#7]										
Human Health - Intrusive - Direct Contact																							1100[#12]	120000[#12]	85000[#12]			130000[#12]										
Human Health - Direct Contact - HIL-D																																						1500[#14]
EIL - Commercial / Industrial (Aged)																																						1800[#3]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							75[#15]	135[#15]	165[#15]			180[#15]										
NEPM (2013) ESL - Commercial & Industrial (Fine)																							95[#15]	135[#15]	185[#15]			95[#15]										

Location Code	Field ID	Matrix Type	Sampled Date																																				
BT_MW01	BT_MW01_0.2	SOIL	11-Nov-13	0.6	1.2	<0.5	6	28	3	5	15	<1	4	10	8	<1	37	3	63	31	5	<1	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	33	34.8	<0.1	26.8	4.5	1.6	<0.1	7.2	3.5	8
BT_SB01	BT_SB01_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT_SB01	BT_SB01_1.5	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	20.5	-	-	-	-	-	-	-	16
BT_SB01	BT_SB01_2.9	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.5	-	-	-	-	-	-	-
BT_SB02	BT_SB02_0.1	SOIL	05-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	13.2	-	-	-	-	-	-	-	7
BT_SB02	BT_SB02_2.8	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-

Statistical Summary

Number of Results	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	1	5	1	1	1	1	1	1	1	3
Number of Detects	3	3	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	5	0	1	1	1	0	1	1	3
Minimum Concentration	0.6	1.2	<0.5	6	28	3	5	15	<1	4	10	8	<1	37	3	63	31	5	<1	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	33	13.2	<0.1	26.8	4.5	1.6	<0.1	7.2	3.5	7
Minimum Detect	0.6	1.2	ND	6	28	3	5	15	ND	4	10	8	ND	37	3	63	31	5	ND	6	ND	ND	ND	ND	ND	ND	ND	33	13.2	ND	26.8	4.5	1.6	ND	7.2	3.5	7
Maximum Concentration	0.6	1.2	<0.5	6	28	3	5	15	<1	4	10	8	<1	37	3	63	31	5	<1	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	33	34.8	<0.1	26.8	4.5	1.6	<0.1	7.2	3.5	16
Maximum Detect	0.6	1.2	ND	6	28	3	5	15	ND	4	10	8	ND	37	3	63	31	5	ND	6	ND	ND	ND	ND	ND	ND	ND	33	34.8	ND	26.8	4.5	1.6	ND	7.2	3.5	16
Average Concentration	0.6	1.2	0.25																		0.1	0.25	0.25	0.25	0.25	0.25	0.1		23									10
Median Concentration	0.6	1.2	0.25	6	28	3	5	15	0.5	4	10	8	0.5	37	3	63	31	5	0.5	6	0.1	0.25	0.25	0.25	0.25	0.25	0.1	33	20.5	0.05	26.8	4.5	1.6	0.05	7.2	3.5	8
Standard Deviation	0	0	0																		0	0	0	0	0	0	0		8.9									4.9
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	Metals							PAH/Phenols																												
	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																														NL [#10]				
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																														NL [#9]				
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																														NL [#8]				
Human Health - HSL-D - Vapour Intrusion + 4m SAND																														NL [#11]				
Human Health - Direct Contact - HSL-D																														11000 [#13]				
Human Health - Intrusive - Vapour Intrusion 0-<2m																														NL [#6]				
Human Health - Intrusive - Vapour Intrusion 2-<4m																														NL [#5]				
Human Health - Intrusive - Vapour Intrusion + 4m																														NL [#7]				
Human Health - Intrusive - Direct Contact																														29000 [#12]				
Human Health - Direct Contact - HIL-D	3000 [#14]	900 [#14]		240000 [#14]	730 [#14]	6000 [#14]	400000 [#14]																								4000 [#14]	660 [#14]		240000 [#14]
EIL - Commercial / Industrial (Aged)	160 [#4]		550 [#1]	320 [#1]		450 [#1]	1100 [#1]																							370 [#2]				
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																		
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						1.4 [#15]												
NEPM (2013) ESL - Commercial & Industrial (Fine)																						1.4 [#15]												
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BT_MW01	BT_MW01_0.2	SOIL	11-Nov-13	<5	<1	32	19	<0.1	34	53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BT_SB01	BT_SB01_0.1	SOIL	05-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT_SB01	BT_SB01_1.5	SOIL	05-Nov-13	8	<1	10	23	<0.1	12	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BT_SB01	BT_SB01_2.9	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT_SB02	BT_SB02_0.1	SOIL	05-Nov-13	14	<1	5	16	<0.1	4	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
BT_SB02	BT_SB02_2.8	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																				
Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	2	0	3	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<1	5	16	<0.1	4	53	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
Minimum Detect	8	ND	5	16	ND	4	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	14	<1	32	23	<0.1	34	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
Maximum Detect	14	ND	32	23	ND	34	63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	8.2	0.5	16	19	0.05	17	57	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25
Median Concentration	8	0.5	10	19	0.05	12	56	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25
Standard Deviation	5.8	0	14	3.5	0	16	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

		Polychlorinated Biphenyls	TRH												
	Pyrene	PCBs (Sum of total)	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.1	10	50	10	50	100	100	50	50	50	100	100	10
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND			260[#10]	NL[#10]										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND			370[#9]	NL[#9]										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND			630[#8]	NL[#8]										
Human Health - HSL-D - Vapour Intrusion + 4m SAND			NL[#11]	NL[#11]										
Human Health - Direct Contact - HSL-D			NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m			NL[#6]	NL[#6]										
Human Health - Intrusive - Vapour Intrusion 2-<4m			NL[#5]	NL[#5]										
Human Health - Intrusive - Vapour Intrusion + 4m			NL[#7]	NL[#7]										
Human Health - Intrusive - Direct Contact			82000[#12]	62000[#12]								85000[#12]	120000[#12]	
Human Health - Direct Contact - HIL-D		7[#14]												
EIL - Commercial / Industrial (Aged)														
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)			215[#15]								170[#15]			
NEPM (2013) ESL - Commercial & Industrial (Coarse)												1700[#15]	3300[#15]	
NEPM (2013) ESL - Commercial & Industrial (Fine)												2500[#15]	6600[#15]	

Location Code	Field ID	Matrix Type	Sampled Date													
BT_MW01	BT_MW01_0.2	SOIL	11-Nov-13	<0.5	<0.1	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BT_SB01	BT_SB01_0.1	SOIL	05-Nov-13	-	-	-		-	-	-	-	-	-	-	-	-	-
BT_SB01	BT_SB01_1.5	SOIL	05-Nov-13	<0.5	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BT_SB01	BT_SB01_2.9	SOIL	11-Nov-13	-	<0.1	-		-	-	-	-	-	-	-	-	-	-
BT_SB02	BT_SB02_0.1	SOIL	05-Nov-13	<0.5	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
BT_SB02	BT_SB02_2.8	SOIL	11-Nov-13	-	<0.1	-		-	-	-	-	-	-	-	-	-	-

Statistical Summary

Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.1	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.1	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.05	5	25	5	25	50	50	25	25	25	50	50	5
Median Concentration	0.25	0.05	5	25	5	25	50	50	25	25	25	50	50	5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				BTEX							Chlorinated Hydrocarbons																						
				Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND					3[#10]	NL[#10]	NL[#10]			230[#10]																										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND					3[#9]	NL[#9]	NL[#9]			NL[#9]																										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND					3[#8]	NL[#8]	NL[#8]			NL[#8]																										
Human Health - HSL-D - Vapour Intrusion + 4m SAND					3[#11]	NL[#11]	NL[#11]			NL[#11]																										
Human Health - Direct Contact - HSL-D					430[#13]	99000[#13]	27000[#13]			81000[#13]																										
Human Health - Intrusive - Vapour Intrusion 0-<2m					77[#6]	NL[#6]	NL[#6]			NL[#6]																										
Human Health - Intrusive - Vapour Intrusion 2-<4m					160[#5]	NL[#5]	NL[#5]			NL[#5]																										
Human Health - Intrusive - Vapour Intrusion + 4m					NL[#7]	NL[#7]	NL[#7]			NL[#7]																										
Human Health - Intrusive - Direct Contact					1100[#12]	120000[#12]	85000[#12]			130000[#12]																										
Human Health - Direct Contact - HIL-D																																			
EIL - Commercial / Industrial (Aged)																																			
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																			
NEPM (2013) ESL - Commercial & Industrial (Coarse)					75[#15]	135[#15]	165[#15]			180[#15]																										
NEPM (2013) ESL - Commercial & Industrial (Fine)					95[#15]	135[#15]	185[#15]			95[#15]																										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BU_MW01	BU_MW01_0.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_MW01	BU_MW01_3.0	SOIL	27-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_MW02	BU_MW02_0.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_MW02	BU_MW02_4.0	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_MW03	BU_MW03_0.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_MW03	BU_MW03_2.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_SB01	BU_SB01_0.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_SB01	BU_SB01_2.0	SOIL	27-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_SB02	BU_SB02_0.5	SOIL	26-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
BU_SB02	BU_SB02_2.5	SOIL	27-Nov-13	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																			
Number of Results				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics	MAH									Lead	Metals							
					Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Moisture	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																					
Human Health - Direct Contact - HSL-D																																					
Human Health - Intrusive - Vapour Intrusion 0-<2m																																					
Human Health - Intrusive - Vapour Intrusion 2-<4m																																					
Human Health - Intrusive - Vapour Intrusion + 4m																																					
Human Health - Intrusive - Direct Contact																																					
Human Health - Direct Contact - HIL-D																																	1500[#14]	3000[#14]	900[#14]		240000[#14]
EIL - Commercial / Industrial (Aged)																																	1800[#3]	160[#4]		550[#1]	320[#1]
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																					
NEPM (2013) ESL - Commercial & Industrial (Fine)																																					
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BU_MW01	BU_MW01_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	15.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	9	<1	12	16
BU_MW01	BU_MW01_3.0	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	14.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19	14	1	15	27
BU_MW02	BU_MW02_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	12.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	8	<1	15	24
BU_MW02	BU_MW02_4.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	19.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	10	<1	11	18
BU_MW03	BU_MW03_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	16.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	11	<1	13	23
BU_MW03	BU_MW03_2.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	12.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	10	<1	16	28
BU_SB01	BU_SB01_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	12.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	12	<1	15	19
BU_SB01	BU_SB01_2.0	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	15.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	10	<1	12	19
BU_SB02	BU_SB02_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	13.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	13	<1	15	19
BU_SB02	BU_SB02_2.5	SOIL	27-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	12.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	10	1	17	27
Statistical Summary																																					
Number of Results				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10	10	2	10	10
Minimum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	12.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	8	<1	11	16
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	8	1	11	16
Maximum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	19.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	14	1	17	28
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	14	1	17	28
Average Concentration				0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	15	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	16	11	0.6	14	22
Median Concentration				0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	14	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	16.5	10	0.5	15	21
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	0	0	0	0	0	0	0	0	0	2.6	1.8	0.21	2	4.3
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Indust
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				PAH/Phenols																																	
				Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																													NL[#10] NL[#9]							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																													NL[#8]							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																													NL[#11]							
Human Health - Direct Contact - HSL-D																													11000[#13]							
Human Health - Intrusive - Vapour Intrusion 0-<2m																													NL[#6]							
Human Health - Intrusive - Vapour Intrusion 2-<4m																													NL[#5]							
Human Health - Intrusive - Vapour Intrusion + 4m																													NL[#7]							
Human Health - Intrusive - Direct Contact																													29000[#12]							
Human Health - Direct Contact - HIL-D				730[#14]	6000[#14]	400000[#14]																								4000[#14]	660[#14]		240000[#14]		
EIL - Commercial / Industrial (Aged)					450[#1]	1100[#1]																							370[#2]							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					1.4[#15]															
NEPM (2013) ESL - Commercial & Industrial (Fine)																					1.4[#15]															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BU_MW01	BU_MW01_0.5	SOIL	26-Nov-13	<0.1	11	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_MW01	BU_MW01_3.0	SOIL	27-Nov-13	<0.1	30	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_MW02	BU_MW02_0.5	SOIL	26-Nov-13	<0.1	24	74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_MW02	BU_MW02_4.0	SOIL	26-Nov-13	<0.1	14	48	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_MW03	BU_MW03_0.5	SOIL	26-Nov-13	<0.1	10	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_MW03	BU_MW03_2.5	SOIL	26-Nov-13	<0.1	30	84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_SB01	BU_SB01_0.5	SOIL	26-Nov-13	<0.1	10	42	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_SB01	BU_SB01_2.0	SOIL	27-Nov-13	<0.1	15	105	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_SB02	BU_SB02_0.5	SOIL	26-Nov-13	<0.1	17	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
BU_SB02	BU_SB02_2.5	SOIL	27-Nov-13	<0.1	26	99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5

Statistical Summary

Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	10	42	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
Minimum Detect	ND	10	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.1	30	108	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5
Maximum Detect	ND	30	108	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.05	19	73	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5
Median Concentration	0.05	16	70	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	2.5
Standard Deviation	0	8.1	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
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#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					Solvents				TRH												VOCs		
					2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND									260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND									370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND									630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND									NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D									NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m									NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m									NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m									NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact									82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)									215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																		1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																		2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BU_MW01	BU_MW01_0.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_MW01	BU_MW01_3.0	SOIL	27-Nov-13		<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_MW02	BU_MW02_0.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_MW02	BU_MW02_4.0	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_MW03	BU_MW03_0.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_MW03	BU_MW03_2.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_SB01	BU_SB01_0.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_SB01	BU_SB01_2.0	SOIL	27-Nov-13		<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_SB02	BU_SB02_0.5	SOIL	26-Nov-13		<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BU_SB02	BU_SB02_2.5	SOIL	27-Nov-13		<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Statistical Summary																							
Number of Results					10	10	10	10	10		10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects					0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					<5	<5	<0.5	<5	<10		<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect					ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					<5	<5	<0.5	<5	<10		<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect					ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					2.5	2.5	0.25	2.5	5		5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Median Concentration					2.5	2.5	0.25	2.5	5		5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation					0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances					0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soi
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4v. AEC BV Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Particle Size																					
	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Clay (<2 µm)	Silt (2-60 µm)	Fines (<75 µm)	Sand (>75 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter	Benzene
	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg
EQL	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.2
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																								3[#10]
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																								3[#9]
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																								3[#8]
Human Health - HSL-D - Vapour Intrusion + 4m SAND																								3[#11]
Human Health - Direct Contact - HSL-D																								430[#13]
Human Health - Intrusive - Vapour Intrusion 0-<2m																								77[#6]
Human Health - Intrusive - Vapour Intrusion 2-<4m																								160[#5]
Human Health - Intrusive - Vapour Intrusion + 4m																								NL[#7]
Human Health - Intrusive - Direct Contact																								1100[#12]
Human Health - Direct Contact - HIL-D																								
EIL - Commercial / Industrial (Aged)																								
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																								
NEPM (2013) ESL - Commercial & Industrial (Coarse)																								75[#15]
NEPM (2013) ESL - Commercial & Industrial (Fine)																								95[#15]

Location Code	Field ID	Matrix Type	Sampled Date																							
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	<1	2	<1	<1	2	<1	<1	1	1	<1	4	<1	41	56	-	-	3	<1	<1	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	0.6	1.2	<0.5	44	46	2	41	45	<1	32	45	45	<1	47	15	-	-	53	6	-	41	<1	-	<0.2
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.2
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2

Statistical Summary

Number of Results	36	36	43	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	43
Number of Detects	36	36	0	1	2	1	1	2	0	1	2	2	0	2	1	1	1	1	1	1	1	0	0	0
Minimum Concentration	0.6	1.2	<0.5	<1	2	<1	<1	2	<1	<1	1	1	<1	4	<1	41	56	53	6	3	<1	<1	<0.5	<0.2
Minimum Detect	0.6	1.2	ND	44	2	2	41	2	ND	32	1	1	ND	4	15	41	56	53	6	3	41	ND	ND	ND
Maximum Concentration	0.6	1.2	<0.5	44	46	2	41	45	<1	32	45	45	<1	47	15	41	56	53	6	3	41	<1	<0.5	<0.2
Maximum Detect	0.6	1.2	ND	44	46	2	41	45	ND	32	45	45	ND	47	15	41	56	53	6	3	41	ND	ND	ND
Average Concentration	0.6	1.2	0.25																					0.1
Median Concentration	0.6	1.2	0.25	22.25	24	1.25	20.75	23.5	0.5	16.25	23	23	0.5	25.5	7.75	41	56	53	6	3	20.75	0.5	0.25	0.1
Standard Deviation	0	0	0																					0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					BTEX																				Chlorinat	
					Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND					NL #10	NL #10			230 #10																
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND					NL #9	NL #9			NL #9																
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND					NL #8	NL #8			NL #8																
Human Health - HSL-D - Vapour Intrusion + 4m SAND					NL #11	NL #11			NL #11																
Human Health - Direct Contact - HSL-D					99000 #13	27000 #13			81000 #13																
Human Health - Intrusive - Vapour Intrusion 0-<2m					NL #6	NL #6			NL #6																
Human Health - Intrusive - Vapour Intrusion 2-<4m					NL #5	NL #5			NL #5																
Human Health - Intrusive - Vapour Intrusion + 4m					NL #7	NL #7			NL #7																
Human Health - Intrusive - Direct Contact					120000 #12	85000 #12			130000 #12																
Human Health - Direct Contact - HIL-D																									
EIL - Commercial / Industrial (Aged)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)					135 #15	165 #15			180 #15																
NEPM (2013) ESL - Commercial & Industrial (Fine)					135 #15	185 #15			95 #15																
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																						
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13		<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Statistical Summary																									
Number of Results					43	43	43	43	43	43	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
Number of Detects					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Minimum Concentration					<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Minimum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Maximum Concentration					<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Maximum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Average Concentration					0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Median Concentration					0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Standard Deviation					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				ed Hydrocarbons															Halogenated Benzenes						
				Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																									
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																									
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																									
Human Health - HSL-D - Vapour Intrusion + 4m SAND																									
Human Health - Direct Contact - HSL-D																									
Human Health - Intrusive - Vapour Intrusion 0-<2m																									
Human Health - Intrusive - Vapour Intrusion 2-<4m																									
Human Health - Intrusive - Vapour Intrusion + 4m																									
Human Health - Intrusive - Direct Contact																									
Human Health - Direct Contact - HIL-D																									
EIL - Commercial / Industrial (Aged)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																									
NEPM (2013) ESL - Commercial & Industrial (Coarse)																									
NEPM (2013) ESL - Commercial & Industrial (Fine)																									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																						
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																									
Number of Results				26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				Halogenated Hydrocarbons					Inorganics											
				Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Electrical conductivity *(lab)	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	uS/cm	%	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	5	5	0.5	5	0.1	1	1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																						
Human Health - Direct Contact - HSL-D																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																						
Human Health - Intrusive - Vapour Intrusion + 4m																						
Human Health - Intrusive - Direct Contact																						
Human Health - Direct Contact - HIL-D																						
EIL - Commercial / Industrial (Aged)																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						
NEPM (2013) ESL - Commercial & Industrial (Fine)																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	16.6	-	-	-	-	-	-	-	-	-
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	19.4	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	18.7	-	-	-	-	-	-	-	-	-
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	2000	23	-	-	-	-	7.5	-	-	-	-
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	17.4	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	14.5	-	-	-	-	-	-	-	-	-
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	16	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	21.3	-	-	-	-	-	-	-	-	-
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	19.8	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	13.3	-	-	-	-	-	-	-	-	-
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	14.8	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	21.8	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-	-	-
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	17.1	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	14.2	-	-	-	-	-	-	-	-	-
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	15.1	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	20	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	14.7	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	23.8	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	19.4	-	-	-	-	-	-	-	-	-
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	24.3	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	-	-	-	-	-	-	-	10.2	-	18.1	7.2	2.5	0.3	0.2	-	-	-	-	-
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	21.5	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	16.5	-	-	-	-	-	-	-	-	-
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	22.5	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	15.1	-	-	-	-	-	-	-	-	-
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	20.3	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	16.8	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	16.1	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	19.4	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	9.5	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	13.2	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	23.4	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	-	-	-	26.3	-	-	-	-	-	-	-	-	-
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	14.9	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	-	-	-	10.2	-	-	-	-	7.4	<0.5	-	-	-
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	18.2	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	14.4	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	18.9	-	-	-	-	-	-	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	-	15.3	-	-	-	-	-	-	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	26	26	26	26	26	26	26	1	1	43	1	1	1	1	2	1	26	26	26
Number of Detects	0	0	0	0	0	0	0	1	1	43	1	1	1	1	2	0	0	0	0
Minimum Concentration	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	10.2	2000	9.5	7.2	2.5	0.3	0.2	7.4	<0.5	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	10.2	2000	9.5	7.2	2.5	0.3	0.2	7.4	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	10.2	2000	26.3	7.2	2.5	0.3	0.2	7.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	10.2	2000	26.3	7.2	2.5	0.3	0.2	7.5	ND	ND	ND	ND
Average Concentration	0.25	0.25	0.25	2.5	2.5	0.25	2.5			18							0.25	0.25	0.25
Median Concentration	0.25	0.25	0.25	2.5	2.5	0.25	2.5	10.2	2000	17.4	7.2	2.5	0.3	0.2	7.45	0.25	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0			3.7							0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				MAH						Lead	Metals													
				n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D										1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]						
EIL - Commercial / Industrial (Aged)										1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	-	-	-	-	-	-	15	10	<1	22	14	<0.1	14	58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	15	<1	13	30	<0.1	18	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	16	12	<1	28	20	<0.1	24	47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	-	-	-	-	-	-	16	11	<1	16	36	<0.1	18	94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	-	-	-	-	-	-	15	10	<1	12	21	<0.1	19	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	9	<1	12	10	<0.1	8	24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	25	14	<1	10	24	<0.1	14	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	16	1	13	24	<0.1	35	102	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	-	-	-	-	-	-	12	8	<1	15	22	<0.1	21	66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	11	1	19	6	<0.1	4	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	17	22	<1	13	19	<0.1	33	62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	11	1	14	22	<0.1	25	122	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	16	11	<1	18	21	<0.1	20	60	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	13	8	<1	14	21	<0.1	16	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	10	<1	23	19	<0.1	16	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	16	9	<1	14	26	<0.1	28	79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	23	18	<1	18	21	<0.1	14	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6	7	<1	10	9	<0.1	12	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10	<5	<1	19	20	<0.1	15	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	8	<1	20	27	<0.1	19	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	-	-	-	-	-	-	6	5	<1	16	13	<0.1	22	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	<5	<1	12	8	<0.1	5	27	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	-	-	-	-	-	-	20	13	<1	13	24	<0.1	14	59	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	27	13	<1	12	28	<0.1	18	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	-	-	-	-	-	-	22	16	<1	12	24	<0.1	20	97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	<5	<1	7	9	<0.1	3	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	-	-	-	-	-	-	17	12	<1	11	27	<0.1	26	86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	21	11	<1	14	28	<0.1	21	93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	10	<1	19	20	<0.1	10	40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11	9	<1	14	23	<0.1	14	79	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	22	15	<1	33	21	<0.1	28	87	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	14	<1	7	18	<0.1	21	71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	-	-	-	-	-	-	18	12	<1	15	28	<0.1	22	83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	11	1	15	29	<0.1	23	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	-	-	-	-	-	-	29	17	<1	8	29	<0.1	17	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	5	<1	10	14	<0.1	6	69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	-	-	-	-	-	-	17	16	<1	19	26	<0.1	20	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	25	21	<1	20	26	<0.1	14	96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	-	-	-	-	-	-	<5	<5	<1	13	10	<0.1	10	33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12	8	<1	35	12	<0.1	10	44	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	27	10	<1	20	20	<0.1	8	45	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	14	9	<0.1	16	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	27	16	<1	17	24	<0.1	18	68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																							
Number of Results				26	26	26	26	26	26	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Number of Detects				0	0	0	0	0	0	41	38	4	43	43	0	43	43	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	7	6	<0.1	3	16	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	6	5	1	7	6	ND	3	16	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	29	22	1	35	36	<0.1	35	122	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	29	22	1	35	36	ND	35	122	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	16	11	0.55	16	21	0.05	17	64	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	16	11	0.5	14	21	0.05	18	62	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	6.3	4.8	0.15	5.9	7.1	0	7.3	24	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				PAH/Phenols																				
				2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					NL[#10]			
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					NL[#9]			
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					NL[#8]			
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					NL[#11]			
Human Health - Direct Contact - HSL-D																					11000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m																					NL[#6]			
Human Health - Intrusive - Vapour Intrusion 2-<4m																					NL[#5]			
Human Health - Intrusive - Vapour Intrusion + 4m																					NL[#7]			
Human Health - Intrusive - Direct Contact																					29000[#12]			
Human Health - Direct Contact - HIL-D																						4000[#14]	660[#14]	
EIL - Commercial / Industrial (Aged)																					370[#2]			
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																								
NEPM (2013) ESL - Commercial & Industrial (Coarse)												1.4[#15]												
NEPM (2013) ESL - Commercial & Industrial (Fine)												1.4[#15]												
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																					
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
Statistical Summary																								
Number of Results				43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25
Median Concentration				0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

			Polychlorinated Biphenyls	Solvents					TRH							
	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.1	5	5	5	0.5	5	10	50	10	50	100	100	50	50
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND									260[#10]	NL[#10]						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND									370[#9]	NL[#9]						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND									630[#8]	NL[#8]						
Human Health - HSL-D - Vapour Intrusion + 4m SAND									NL[#11]	NL[#11]						
Human Health - Direct Contact - HSL-D									NL[#13]	NL[#13]						
Human Health - Intrusive - Vapour Intrusion 0-<2m									NL[#6]	NL[#6]						
Human Health - Intrusive - Vapour Intrusion 2-<4m									NL[#5]	NL[#5]						
Human Health - Intrusive - Vapour Intrusion + 4m									NL[#7]	NL[#7]						
Human Health - Intrusive - Direct Contact									82000[#12]	62000[#12]						
Human Health - Direct Contact - HIL-D	240000[#14]		7[#14]													
EIL - Commercial / Industrial (Aged)																
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)									215[#15]							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																
NEPM (2013) ESL - Commercial & Industrial (Fine)																

Location Code	Field ID	Matrix Type	Sampled Date															
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	<0.5	<0.5	<0.1	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	190	190 - 265	390
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	-	<10	<50	<100	<100	<50	<50
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	<0.5	<0.5	-	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50

Statistical Summary

Number of Results	43	43	30	26	26	26	26	26	43	36	43	43	43	43	43	43
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Minimum Concentration	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	190	390
Maximum Concentration	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	190	265	390
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	265	390
Average Concentration	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	53	30	33
Median Concentration	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	21	31	56
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapo
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapo
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapo
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vap
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

					VOCs		
	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND							
Human Health - HSL-D - Vapour Intrusion + 4m SAND							
Human Health - Direct Contact - HSL-D	20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m							
Human Health - Intrusive - Vapour Intrusion 2-<4m							
Human Health - Intrusive - Vapour Intrusion + 4m							
Human Health - Intrusive - Direct Contact		85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D							
EIL - Commercial / Industrial (Aged)							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)	170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)		1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)		2500[#15]	6600[#15]				

Location Code	Field ID	Matrix Type	Sampled Date							
BV_MW01	BV_MW01_0.1	SOIL	25-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW01	BV_MW01_5.0	SOIL	26-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW02	BV_MW02_0.1	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW02	BV_MW02_3.1	SOIL	20-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW02	BV_MW02_4.0	SOIL	27-Nov-13	-	-	-	-	-	-	-
BV_MW03	BV_MW03_0.3	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW03	BV_MW03_2.5	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW04	BV_MW04_0.5	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW04	BV_MW04_2.0	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW05	BV_MW05_0.2	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW05	BV_MW05_3.0	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW06	BV_MW06_0.5	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW06	BV_MW06_2.0	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW07	BV_MW07_0.1	SOIL	13-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW08	BV_MW08_0.2	SOIL	12-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW08	BV_MW08_5.0	SOIL	21-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW09	BV_MW09_0.5	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW09	BV_MW09_2.0	SOIL	21-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_0.1	SOIL	12-Nov-13	<50	160	230	<10	<0.5	<0.5	<0.5
BV_MW10	BV_MW10_4.9	SOIL	21-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_0.1	SOIL	13-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW11	BV_MW11_1.7	SOIL	13-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW11	BV_MW11_4.0	SOIL	20-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW12	BV_MW12_0.5	SOIL	12-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW12	BV_MW12_4.0	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_MW13	BV_MW13_0.5	SOIL	25-Nov-13	<50	<100	<100	<10	-	-	-
BV_MW13	BV_MW13_6.0	SOIL	26-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB01	BV_SB01_0.5	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_SB01	BV_SB01_2.9	SOIL	20-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_0.1	SOIL	13-Nov-13	-	-	-	-	-	-	-
BV_SB02	BV_SB02_0.5	SOIL	13-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB02	BV_SB02_2.5	SOIL	20-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_0.1	SOIL	13-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB03	BV_SB03_1.1	SOIL	20-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB04	BV_SB04_0.1	SOIL	11-Nov-13	<50	<100	<100	<10	-	-	-
BV_SB04	BV_SB04_2.0	SOIL	19-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB05	BV_SB05_0.5	SOIL	20-Nov-13	<50	<100	<100	<10	-	-	-
BV_SB05	BV_SB05_2.9	SOIL	25-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB06	BV_SB06_0.2	SOIL	12-Nov-13	<50	<100	<100	<10	-	-	-
BV_SB06	BV_SB06_2.9	SOIL	25-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB07	BV_SB07_0.25	SOIL	25-Nov-13	<50	<100	<100	<10	-	-	-
BV_SB08	BV_SB08_0.1	SOIL	13-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB08	BV_SB08_2.0	SOIL	15-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_0.1	SOIL	12-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5
BV_SB09	BV_SB09_2.0	SOIL	20-Nov-13	<50	<100	<100	<10	<0.5	<0.5	<0.5

Statistical Summary

Number of Results	43	43	43	43	26	26	26
Number of Detects	0	1	1	0	0	0	0
Minimum Concentration	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect	ND	160	230	ND	ND	ND	ND
Maximum Concentration	<50	160	230	<10	<0.5	<0.5	<0.5
Maximum Detect	ND	160	230	ND	ND	ND	ND
Average Concentration	25	53	54	5	0.25	0.25	0.25
Median Concentration	25	50	50	5	0.25	0.25	0.25
Standard Deviation	0	17	27	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapo
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#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industri
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4w. AEC BW Sediment Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

Location Cod	Sample ID	Monitoring_Zone	Sample Date	Sample_Depth(Avg)	Particle Size																
					+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Clay (<2 µm)	Silt (2-60 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
EQL					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ISQG-High																					
ISQG-Low																					
NAGD (2009)																					
BW_SS01	BW_SS01	BW	28/11/2013		1	21	<1	<1	9	<1	<1	6	3	<1	38	<1	24	36	40	<1	<1
BW_SS06	BW_SS06	BW	6/12/2013		8	14	<1	5	12	<1	3	11	10	<1	18	<1	25	57	13	5	<1
BW_SS07	BW_SS07	BW	28/11/2013		2	5	<1	1	4	<1	<1	3	3	<1	11	<1	35	47	17	1	<1
BW_SS08	BW_SS08	BW	28/11/2013		3	11	<1	1	8	<1	<1	7	5	<1	15	<1	26	57	16	1	<1
BW_SS09	BW_SS09	BW	28/11/2013		2	4	<1	<1	4	<1	<1	3	3	<1	6	<1	34	57	8	1	<1
BW_SS10	BW_SS10	BW	6/12/2013		23	40	<1	17	34	<1	10	32	29	<1	46	3	15	35	33	17	<1
BW_SS11	BW_SS11	BW	27/11/2013		1	3	<1	<1	2	<1	<1	2	2	<1	9	<1	22	61	16	1	<1
BW_SS12	BW_SS12	BW	27/11/2013		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	14	73	13	<1	<1
BW_SS13	BW_SS13	BW	27/11/2013		<1	4	<1	<1	2	<1	<1	2	1	<1	23	<1	12	53	35	<1	<1
BW_SS14	BW_SS14	BW	27/11/2013		2	9	<1	<1	4	<1	<1	3	3	<1	20	<1	15	63	21	1	<1
BW_SS15	BW_SS15	BW	27/11/2013		27	47	7	24	37	<1	19	34	31	<1	54	16	14	32	30	24	<1
BW_SS16	BW_SS16	BW	27/11/2013		6	10	<1	5	8	<1	4	8	7	<1	18	<1	22	54	19	5	<1
BW_SS17	BW_SS17	BW	27/11/2013		2	6	<1	2	4	<1	<1	4	3	<1	11	<1	25	56	17	2	<1
BW_SS18	BW_SS18	BW	27/11/2013		6	22	<1	4	12	<1	2	10	9	<1	42	<1	16	34	46	4	<1
BW_SS19	BW_SS19	BW	28/11/2013		<1	14	<1	<1	4	<1	<1	2	1	<1	41	<1	11	46	43	<1	<1
BW_SS20	BW_SS20	BW	28/11/2013		45	75	<1	36	66	<1	24	61	54	<1	81	11	8	10	46	36	<1
BW_SS21	BW_SS21	BW	28/11/2013		5	12	<1	3	9	<1	2	7	6	<1	18	<1	29	50	18	3	<1
BW_SS22	BW_SS22	BW	28/11/2013		<1	1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	33	65	2	<1	<1
BW_SS23	BW_SS23	BW	28/11/2013		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	27	71	2	<1	<1
BW_SS24	BW_SS24	BW	28/11/2013		5	19	<1	3	13	<1	1	10	8	<1	29	<1	14	51	32	3	<1
BW_SS25	BW_SS25	BW	29/11/2013		14	30	<1	12	23	<1	5	20	17	<1	36	<1	19	45	24	12	<1
BW_SS26	BW_SS26	BW	28/11/2013		<1	1	<1	<1	<1	<1	<1	<1	<1	<1	12	<1	19	69	12	<1	<1
BW_SS27	BW_SS27	BW	29/11/2013		2	8	<1	<1	6	<1	<1	5	4	<1	16	<1	14	70	15	1	<1
BW_SS28	BW_SS28	BW	29/11/2013		7	77	<1	1	54	<1	<1	38	23	<1	86	<1	5	9	85	1	<1
BW_SS29	BW_SS29	BW	29/11/2013		27	59	<1	23	47	<1	19	39	33	<1	68	16	10	21	46	23	<1
BW_SS30	BW_SS30	BW	29/11/2013		15	37	6	12	27	<1	8	22	19	<1	45	6	14	39	35	12	<1
BW_SS31	BW_SS31	BW	29/11/2013		1	12	<1	<1	7	<1	<1	4	3	<1	20	<1	12	63	25	<1	<1
BW_SS32	BW_SS32	BW	29/11/2013		3	14	<1	2	8	<1	<1	7	6	<1	25	<1	16	56	26	2	<1
BW_SS33	BW_SS33	BW	28/11/2013		9	13	<1	6	11	<1	3	11	10	<1	18	<1	21	58	14	7	<1
BW_SS34	BW_SS34	BW	29/11/2013		2	5	<1	1	3	<1	<1	3	2	<1	12	<1	33	50	16	1	<1
BW_SS35	BW_SS35	BW	26/11/2013		<1	4	<1	<1	2	<1	<1	1	<1	<1	15	<1	9	71	20	<1	<1
BW_SS36	BW_SS36	BW	26/11/2013		<1	2	<1	<1	1	<1	<1	<1	<1	<1	8	<1	10	72	18	<1	<1
BW_SS37	BW_SS37	BW	26/11/2013		<1	1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	9	83	8	<1	<1
BW_SS38	BW_SS38	BW	26/11/2013		<1	9	<1	<1	4	<1	<1	3	2	<1	22	<1	10	64	26	<1	<1
BW_SS39	BW_SS39	BW	26/11/2013		1	6	<1	<1	3	<1	<1	2	2	<1	15	<1	10	64	25	1	<1
BW_SS40	BW_SS40	BW	27/11/2013		2	23	<1	1	9	<1	<1	5	3	<1	45	<1	9	38	52	1	<1
BW_SS41	BW_SS41	BW	27/11/2013		4	26	<1	2	18	<1	<1	14	10	<1	38	<1	11	44	43	2	<1
BW_SS42	BW_SS42	BW	27/11/2013		4	28	<1	1	19	<1	<1	14	10	<1	41	<1	10	36	53	1	<1
BW_SS43	BW_SS43	BW	27/11/2013		1	13	<1	<1	8	<1	<1	5	3	<1	25	<1	12	63	25	<1	<1
BW_SS45	BW_SS45	BW	27/11/2013		40	91	<1	22	82	<1	11	74	62	<1	93	1	5	2	71	22	<1
BW_SS46	BW_SS46	BW	27/11/2013		67	92	25	57	87	<1	50	82	77	<1	93	41	5	1	37	57	<1
BW_SS47	BW_SS47	BW	27/11/2013		35	87	<1	21	74	<1	12	64	54	<1	90	4	7	2	70	21	<1
BW_SS48	BW_SS48	BW	27/11/2013		8	16	<1	5	11	<1	2	10	9	<1	30	<1	25	33	37	5	<1
BW_SS49	BW_SS49	BW	27/11/2013		<1	18	<1	<1	4	<1	<1	1	<1	<1	29	<1	19	52	29	<1	<1
BW_SS50	BW_SS50	BW	27/11/2013		<1	15	<1	<1	2	<1	<1	<1	<1	<1	44	<1	20	35	45	<1	<1
BW_SS51	BW_SS51	BW	27/11/2013		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	26	68	6	<1	<1
BW_SS52	BW_SS52	BW	27/11/2013		1	3	<1	1	2	<1	<1	2	2	<1	12	<1	40	38	21	1	<1
BW_SS53	BW_SS53	BW	27/11/2013		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	28	69	3	<1	<1
BW_SS54	BW_SS54	BW	27/11/2013		<1	6	<1	<1	2	<1	<1	1	<1	<1	29	<1	15	48	37	<1	<1

Location Cod	BTEX							Inorganics		Lead	Metals										
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Total BTEX	Moisture	TOC	Lead	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.5	0.2	1	0.02	1	50	0.5	1	0.1	0.1	5	0.1	1	0.5	1	50
ISQG-High										220$^{\#3}$		25$^{\#3}$	70$^{\#3}$				10$^{\#3}$	370$^{\#3}$		270$^{\#3}$	
ISQG-Low										50$^{\#3}$			8.2$^{\#3}$				1.2$^{\#3}$	80$^{\#3}$		34$^{\#3}$	
NAGD (2009)																					
BW_SS01	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	29.1	2.28	10.7	-	-	6.98	146	0.7	<5	<0.1	12.1	5.1	8.5	-
BW_SS06	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	18.6	6.79	16.9	-	-	10.8	91.5	1	23	<0.1	14.6	11.9	23.2	-
BW_SS07	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	28.8	1.32	11.8	-	-	10.1	163	0.9	9	<0.1	17.7	7.1	14.4	-
BW_SS08	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	44.2	2.27	15.3	-	-	14.4	183	1.3	21	<0.1	23.4	13.4	19.7	-
BW_SS09	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	57	3.02	17.9	-	-	14.8	193	1.2	17	<0.1	22.7	22.3	21.6	-
BW_SS10	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	27.6	1.22	11.1	-	-	11.1	146	1	16	<0.1	16.1	10.9	13.5	-
BW_SS11	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	51.7	11	9.3	-	-	17.2	133	0.6	10	0.1	15.2	7.4	128	-
BW_SS12	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	49.6	5.3	5.9	-	-	14.4	115	0.5	8	<0.1	16	9.7	49.7	-
BW_SS13	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	32.4	1.37	3.9	-	-	11.8	59.1	0.4	<5	<0.1	8.5	5.8	17.1	-
BW_SS14	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	61.2	1.38	10.3	-	-	3.89	58.3	0.2	33	<0.1	6.8	3.6	8.7	-
BW_SS15	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	33.9	1.28	7.4	-	-	5.36	51.9	0.4	5	<0.1	10.2	6.7	9.1	-
BW_SS16	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	51.4	4.38	14.8	-	-	22.2	121	0.8	7	0.1	16	7.9	97.2	-
BW_SS17	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	39.6	3.08	11.7	-	-	16.5	81.2	0.6	6	<0.1	12.8	6.2	48.2	-
BW_SS18	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	31.4	3.45	13.1	-	-	17.3	192	0.6	10	0.2	16.4	6	34.2	-
BW_SS19	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	48.2	12.9	20.4	-	-	14.1	135	0.5	10	0.2	9.3	4.1	94.6	-
BW_SS20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	14.6	2.34	20	-	-	15.2	57.7	0.5	<5	<0.1	8.4	6.5	20	-
BW_SS21	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	40.4	2.34	14.7	-	-	21.4	212	0.9	6	<0.1	14.9	7.6	53.2	-
BW_SS22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	69.9	6.14	15.1	-	-	25.8	120	0.8	12	0.1	17.7	8.4	189	-
BW_SS23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	67.2	6.1	13.6	-	-	21.3	129	0.8	12	0.1	17.8	8.5	157	-
BW_SS24	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	29.4	1.49	12.2	-	-	13.1	44.4	0.6	<5	<0.1	24.8	5.5	19.6	-
BW_SS25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	32.4	1.16	9.5	9350	2.12	41.2	80	<1	<50	<0.1	12.7	5.3	35.7	23,800
BW_SS26	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	52.8	30	16.6	-	-	15.1	125	0.8	11	0.2	8.8	4.6	128	-
BW_SS27	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	59.9	18	18.2	6250	2.06	24	190	<1	<50	0.3	18.9	7.6	82.5	21,000
BW_SS28	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	40.7	64.2	4.7	1020	0.68	4.13	50	<1	<50	<0.1	2.2	1.5	19.8	2580
BW_SS29	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	27.6	1.64	8.2	3160	2.17	33.5	80	<1	<50	<0.1	13.5	5.5	58.5	10,400
BW_SS30	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	33.4	9.16	9.7	4420	1.8	29.2	90	<1	<50	0.1	15.4	6.3	84.2	14,200
BW_SS31	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	46.3	9.09	9.2	5340	1.29	10.8	90	<1	<50	0.1	11.2	3.8	78.3	12,000
BW_SS32	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	32	1.82	16.5	7100	0.79	22.4	70	<1	<50	<0.1	28.9	6	21.8	24,500
BW_SS33	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	48.7	4.59	14	-	-	20.4	118	0.8	8	<0.1	18.9	6.5	81.4	-
BW_SS34	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	29.6	1.21	6.2	7210	0.86	13	110	<1	<50	<0.1	15.1	5.1	27.3	11,600
BW_SS35	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	46.2	4.67	5.4	-	-	10.1	126	0.6	8	0.3	9.1	5.2	504	-
BW_SS36	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	45.3	1.89	7.8	-	-	27.5	114	0.5	7	0.2	23.2	4.5	195	-
BW_SS37	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	51.4	3.26	7.7	-	-	15.8	100	0.6	10	0.4	18.1	4.3	230	-
BW_SS38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	50.6	2.86	6.7	-	-	13.1	118	0.6	6	0.4	15.6	6.8	414	-
BW_SS39	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	47.9	1.92	6.5	-	-	17.9	151	0.4	9	0.1	22.6	4.9	90.1	-
BW_SS40	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	42.1	1.18	5.4	-	-	17.4	152	0.4	8	0.1	19.6	3.9	92.9	-
BW_SS41	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	52.5	1.34	9.1	-	-	29.3	268	0.6	9	0.2	49.5	6.6	71.6	-
BW_SS42	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	43	1.29	4.6	-	-	9.46	119	0.3	8	<0.1	10.9	2.9	64.6	-
BW_SS43	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	42.6	2.29	6	-	-	12.6	93.5	0.3	9	0.1	15.9	3.7	62.8	-
BW_SS45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	31.4	61.9	3.4	-	-	7.37	26.4	0.3	<5	<0.1	1.1	1.1	10.3	-
BW_SS46	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	29.7	44.8	6.5	-	-	21	85.5	0.5	6	<0.1	2.9	3.1	19.4	-
BW_SS47	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	40	49.8	4.5	-	-	15.1	47.3	0.5	8	<0.1	2.9	2.9	33.7	-
BW_SS48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	39.8	13.5	7.9	-	-	18.1	173	0.7	10	<0.1	13.4	6.4	44.3	-
BW_SS49	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	58.2	24.6	9.9	-	-	17.8	143	0.6	12	0.1	13.6	7.4	104	-
BW_SS50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	48.4	32.2	11.2	-	-	20.1	136	0.6	12	0.1	10.8	7.4	110	-
BW_SS51	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	66.1	9.24	13.6	-	-	23.4	179	0.9	15	0.1	23.7	11.2	160	-
BW_SS52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	33	2.41	10.1	-	-	10.4	80.4	0.7	<5	<0.1	18.6	5	18.3	-
BW_SS53	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	67.7	8.88	13.3	-	-	20	170	0.8	14	0.1	21.1	9.4	168	-
BW_SS54	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	39.4	29.4	8.3	-	-	15	107	0.5	12	<0.1	7	4.4	53.2	-

Location Cod	Metals																					
	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	0.01	0.1	1	0.1	0.1	0.1	2	1	0.5	0.5	0.5	0.5	0.5	0.5	0.005	0.5	0.5	1	0.5	0.004	0.004
ISQG-High		0.71$^{\#3}$		52$^{\#3}$		3.7$^{\#3}$			410$^{\#3}$												0.5$^{\#3}$	0.64$^{\#3}$
ISQG-Low		0.15$^{\#3}$		21$^{\#3}$		1$^{\#3}$			150$^{\#3}$												0.016$^{\#3}$	0.044$^{\#3}$
NAGD (2009)																						
BW_SS01	54	<0.01	0.8	13.3	1	-	<0.1	29.4	25.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.039	4.1	<0.5	3	<0.5	0.008	<0.004
BW_SS06	253	<0.1	1.3	16.8	1.4	-	0.1	38.7	78.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.022	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS07	94	0.05	2.6	13.7	1.4	-	<0.1	44.4	35.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.012	1	<0.5	<1	<0.5	<0.004	<0.004
BW_SS08	1740	0.03	26.1	18.9	5.9	-	<0.1	63.8	58.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.018	13.2	<0.5	10	<0.5	<0.004	<0.004
BW_SS09	2030	0.04	16.3	27.6	1.8	-	0.1	65.1	51.5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.014	7.3	<0.8	5	<0.8	<0.005	<0.005
BW_SS10	204	<0.1	2.9	12.6	1.2	-	<0.1	42.5	41.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.013	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS11	325	0.32	4.7	22.4	5.6	-	<0.1	65.7	56	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.28	<0.8	<0.8	<2	<0.8	0.097	<0.05
BW_SS12	452	0.08	1.7	26.2	3.6	-	<0.1	55.2	31.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.122	<0.5	<0.5	<1	<0.5	0.066	0.009
BW_SS13	189	0.04	2.3	13.8	2.1	-	<0.1	28	14.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.038	<0.5	<0.5	<1	<0.5	0.046	<0.004
BW_SS14	254	0.01	0.6	9.2	0.7	-	<0.1	16.2	25.7	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.039	<0.8	<0.8	<2	<0.8	0.089	<0.005
BW_SS15	580	0.02	0.7	10.6	0.7	-	<0.1	25.6	49.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.067	<0.5	<0.5	<1	<0.5	0.074	0.004
BW_SS16	306	0.23	4.6	19.6	6.9	-	<0.1	74.7	53.2	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.182	<0.8	<0.8	<2	<0.8	0.046	0.016
BW_SS17	178	0.07	3.7	17	3.7	-	<0.1	54.7	49.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.022	<0.5	<0.5	<1	<0.5	0.006	<0.004
BW_SS18	119	0.03	4.3	17.3	2.2	-	<0.1	52	65.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.023	<0.5	<0.5	<1	<0.5	0.005	<0.004
BW_SS19	176	0.14	4.9	15.3	4.5	-	<0.1	49.1	97.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.568	14.2	<0.5	11	<0.5	0.039	<0.025
BW_SS20	183	0.03	4.3	17.8	1.9	-	<0.1	40.3	68.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.032	4.4	<0.5	3	<0.5	0.004	<0.004
BW_SS21	204	0.1	3.6	20.2	3.6	-	<0.1	67.9	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.049	4.2	<0.5	3	<0.5	0.009	<0.004
BW_SS22	382	0.38	9	24.7	15	-	<0.1	97.4	73.3	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.099	16.8	<0.8	12	<0.8	<0.05	<0.05
BW_SS23	341	0.26	7.2	27.2	11.3	-	<0.1	96.8	63.4	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.103	15.4	<0.8	12	<0.8	<0.05	<0.05
BW_SS24	180	0.04	3.7	10.7	1.6	-	<0.1	69	13.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.01	7.7	<0.5	5	<0.5	<0.004	<0.004
BW_SS25	245	0.03	6	14.9	3.5	<0.1	<5	80.2	31.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.009	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS26	327	0.46	5.6	12.6	9.8	-	<0.1	60.4	71.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1	11.9	<0.8	9	<0.8	0.336	0.073
BW_SS27	221	2.95	16	20.9	10.4	<0.1	<5	92.5	84.4	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1.12	<0.8	<0.8	<2	<0.8	0.179	0.065
BW_SS28	28	0.15	4	3	2.9	<0.1	<5	15.8	22.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	1.1	<0.5	<0.5	1	<0.5	0.235	0.064
BW_SS29	235	0.08	3	16.4	3.7	<0.1	<5	76.5	41.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.065	<0.5	<0.5	<1	<0.5	0.013	<0.004
BW_SS30	292	0.1	3	19	5.6	<0.1	<5	74.5	48.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.097	<0.5	<0.5	<1	<0.5	0.024	0.007
BW_SS31	213	0.2	4	12.7	4.8	<0.1	<5	49.4	44.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.052	<0.5	<0.5	<1	<0.5	0.014	0.005
BW_SS32	605	0.04	3	19.3	2.6	<0.1	<5	69.7	41.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.025	<0.5	<0.5	<1	<0.5	0.006	<0.004
BW_SS33	219	0.15	4.5	18	5.7	-	<0.1	87.3	41.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.042	11.6	<0.5	9	<0.5	0.009	0.006
BW_SS34	138	0.02	3	18	3.6	<0.1	<5	36.7	31.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.009	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS35	105	0.09	3	33	4.4	-	<0.1	37.7	114	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.034	<0.5	<0.5	<1	<0.5	0.007	<0.004
BW_SS36	241	0.12	9.5	22.3	11.5	-	<0.1	68.6	58.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.016	<0.5	<0.5	<1	<0.5	0.005	<0.004
BW_SS37	229	0.24	7.4	23.3	11.3	-	0.1	44.6	84.2	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.016	<0.8	<0.8	<2	<0.8	<0.005	<0.005
BW_SS38	199	0.13	6.2	37.1	6.5	-	<0.1	51.2	147	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.054	<0.8	<0.8	<2	<0.8	0.016	0.013
BW_SS39	293	0.05	6.1	16	19.3	-	<0.1	78.2	37.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.015	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS40	158	0.08	6.3	16.3	15.3	-	<0.1	47.8	35.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.018	<0.5	<0.5	<1	<0.5	<0.004	<0.004
BW_SS41	302	0.06	19.8	16.9	45.2	-	0.2	126	40.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.032	<0.8	<0.8	<2	<0.8	0.044	<0.005
BW_SS42	148	0.04	3.2	12.9	8.7	-	<0.1	25.5	24.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.029	<0.5	<0.5	<1	<0.5	0.039	<0.004
BW_SS43	137	0.05	8.1	12.6	13.7	-	<0.1	47.2	27.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.027	<0.5	<0.5	<1	<0.5	0.037	<0.004
BW_SS45	192	0.02	2.8	3.2	1.4	-	<0.1	11.2	21.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.26	<0.5	<0.5	<1	<0.5	0.387	0.086
BW_SS46	748	0.03	18.5	9.6	3.5	-	<0.1	46.7	33.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.722	<0.5	<0.5	<1	<0.5	0.138	0.042
BW_SS47	257	0.02	6.5	14.2	3.2	-	<0.1	32	23.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.21	<0.5	<0.5	<1	<0.5	0.343	0.074
BW_SS48	179	0.07	2.6	23.2	4	-	<0.1	53.1	35	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.262	<0.5	<0.5	<1	<0.5	0.136	<0.025
BW_SS49	417	0.1	5.2	24.7	6.5	-	<0.1	63.1	49.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.462	<0.8	<0.8	<2	<0.8	0.218	<0.05
BW_SS50	422	0.16	4.6	23.2	7.3	-	<0.1	61.1	63.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.622	<0.5	<0.5	<1	<0.5	0.319	0.058
BW_SS51	594	0.12	7.4	36.3	9.6	-	<0.1	97.8	66.6	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.268	<0.8	<0.8	<2	<0.8	0.072	<0.05
BW_SS52	98	0.02	2.8	11.2	1.5	-	<0.1	49.2	20.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.053	<0.5	<0.5	<1	<0.5	0.052	0.005
BW_SS53	464	0.12	7.2	33	10	-	<0.1	98.1	62	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.254	<0.8	<0.8	<2	<0.8	0.094	<0.05
BW_SS54	179	0.08	3.7	13.9	4.8	-	<0.1	38.5	39.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.806	<0.5	<0.5	<1	<0.5	0.373	0.074

Statistical Summary

	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Clay (<2 µm)	Silt (2-60 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)
Number of Results	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Number of Detects	34	45	3	26	42	0	16	40	37	0	49	8	49	49	49	31	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	5	1	2	<1	<1
Minimum Detect	1	1	6	1	1	ND	1	1	1	ND	2	1	5	1	2	1	ND
Maximum Concentration	67	92	25	57	87	<1	50	82	77	<1	93	41	40	83	85	57	<1
Maximum Detect	67	92	25	57	87	ND	50	82	77	ND	93	41	40	83	85	57	ND
Average Concentration	7.9	21	1.2	5.7	15	0.5	3.9	13	11	0.5	30	2.4	18	48	28	5.8	0.5
Median Concentration	2	12	0.5	1	7	0.5	0.5	5	3	0.5	22	0.5	15	52	25	1	0.5
Standard Deviation	14	25	3.7	11	22	0	8.6	20	18	0	25	6.6	8.8	20	18	11	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Total BTEX	Moisture	TOC	Lead	Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Iron
Number of Results	49	49	49	49	49	49	49	49	49	49	8	8	49	49	49	49	49	49	49	49	8
Number of Detects	0	0	0	0	0	0	0	49	49	49	8	8	49	49	41	35	22	49	49	49	8
Minimum Concentration	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	14.6	1.16	3.4	1020	0.68	3.89	26.4	0.2	<5	<0.1	1.1	1.1	8.5	2580
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	14.6	1.16	3.4	1020	0.68	3.89	26.4	0.2	5	0.1	1.1	1.1	8.5	2580
Maximum Concentration	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.2	69.9	64.2	20.4	9350	2.17	41.2	268	1.3	<50	0.4	49.5	22.3	504	24500
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	69.9	64.2	20.4	9350	2.17	41.2	268	1.3	33	0.4	49.5	22.3	504	24500
Average Concentration	0.1	0.1	0.1	0.1	0.1	0.2	0.1	43	11	11	5481	1.5	17	119	0.62	12	0.1	15	6.5	83	15010
Median Concentration	0.1	0.1	0.1	0.1	0.1	0.2	0.1	42.6	3.26	9.9	5795	1.545	15.2	118	0.6	10	0.05	15.2	6	53.2	13100
Standard Deviation	0	0	0	0	0	0	0	13	16	4.5	2608	0.64	7.5	50	0.23	7.9	0.089	7.9	3.4	96	7562
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	31	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	31	0

	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene
Number of Results	49	49	49	49	49	8	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Number of Detects	49	46	49	49	49	0	4	49	49	0	0	0	1	0	0	49	12	0	12	0	36	16
Minimum Concentration	28	<0.01	0.6	3	0.7	<0.1	<0.1	11.2	13.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.009	<0.5	<0.5	<1	<0.5	<0.004	<0.004
Minimum Detect	28	0.01	0.6	3	0.7	ND	0.1	11.2	13.7	ND	ND	ND	0.9	ND	ND	0.009	1	ND	1	ND	0.004	0.004
Maximum Concentration	2030	2.95	26.1	37.1	45.2	<0.1	<5	126	147	<0.8	<0.8	<0.8	0.9	<0.8	<0.8	2.26	16.8	<0.8	12	<0.8	0.387	0.086
Maximum Detect	2030	2.95	26.1	37.1	45.2	ND	0.2	126	147	ND	ND	ND	0.9	ND	ND	2.26	16.8	ND	12	ND	0.387	0.086
Average Concentration	329	0.16	5.9	18	6.5	0.05	0.46	57	50	0.29	0.29	0.29	0.31	0.29	0.29	0.25	2.5	0.29	2.2	0.29	0.075	0.017
Median Concentration	229	0.07	4.3	17	4.4	0.05	0.05	53.1	44.6	0.25	0.25	0.25	0.25	0.25	0.25	0.049	0.25	0.25	0.5	0.25	0.025	0.0025
Standard Deviation	358	0.42	5.2	7.4	7.1	0	0.91	24	26	0.068	0.068	0.068	0.11	0.068	0.068	0.44	4.6	0.068	3.3	0.068	0.11	0.024
Number of Guideline Exceedances	0	11	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	13
Number of Guideline Exceedances(Detects Only)	0	11	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	7

Comments

#1 National Assessment Guidelines for Dredging 2009
#2 dry wt Sn
#3 dry wt - National Oceanographic and Atmospheric Administration

					PAH/Phenols																Polychlorinated Biphenyls								SVOCs			TRH					
					Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	PCBs (Sum of total)	Benzo(e)pyrene	Coronene	Perylene	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C6-C10
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.004	2	0.004	0.5	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.004	3	3	3	5	3	3
ISQG-High					1.1[#3]	1.6[#3]	1.6[#3]				2.8[#3]	0.26[#3]	5.1[#3]	0.54[#3]		2.1[#3]	45[#3]		1.5[#3]		1.8[#3]							0.023[#3]									
ISQG-Low					0.085[#3]	0.261[#3]	0.43[#3]				0.384[#3]	0.063[#3]	0.6[#3]	0.019[#3]		0.16[#3]	4[#3]		0.24[#3]		0.665[#3]																
NAGD (2009)																																				550[#1]	
Location Cod	Sample ID	Monitoring_Zone	Sample Date	Sample_Depth(Avg)																																	
BW_SS01	BW_SS01	BW	28/11/2013		0.017	0.062	0.05	0.069	0.049	0.026	0.07	0.008	0.09	0.029	0.018	0.02	0.861	<2	0.116	2.6	0.111	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.054	0.025	<0.004	<3	3	52	46	101	<3
BW_SS06	BW_SS06	BW	6/12/2013		0.014	0.027	0.012	0.022	0.014	0.008	0.031	<0.004	0.057	0.006	0.006	0.014	0.37	<2	0.084	<0.5	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.004	<3	28	276	143	447	<3
BW_SS07	BW_SS07	BW	28/11/2013		<0.004	0.01	0.005	<0.004	0.01	<0.004	0.012	<0.004	0.017	<0.004	0.004	0.008	0.127	<2	0.026	1.1	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	<0.004	<3	<3	12	20	32 - 33.5	<3
BW_SS08	BW_SS08	BW	28/11/2013		<0.004	0.009	<0.004	0.005	<0.004	<0.004	0.012	<0.004	0.012	<0.004	<0.004	0.016	0.111	<2	0.028	6.4	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.005	<0.004	<3	<3	33	64	97 - 98.5	<3
BW_SS09	BW_SS09	BW	28/11/2013		<0.005	0.01	0.006	0.01	<0.005	0.006	0.014	<0.005	0.019	0.005	<0.005	0.014	0.156	<2	0.027	4.9	0.017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	0.005	<3	3	51	66	120	<3
BW_SS10	BW_SS10	BW	6/12/2013		0.005	0.015	0.007	0.014	0.009	0.005	0.018	<0.004	0.026	<0.004	<0.004	0.012	0.2	<2	0.046	<0.5	0.021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	<0.004	<3	5	58	43	106	<3
BW_SS11	BW_SS11	BW	27/11/2013		0.085	0.973	0.394	0.97	0.146	0.237	0.656	<0.05	1.36	0.137	0.07	0.152	8.23	<2	0.788	<0.8	0.83	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.473	<0.05	0.582	<3	24	371	244	639	<3
BW_SS12	BW_SS12	BW	27/11/2013		0.033	0.279	0.125	0.21	0.115	0.061	0.184	0.041	0.356	0.059	0.063	0.067	2.92	<2	0.271	<0.5	0.278	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.161	0.035	0.38	<3	13	211	171	395	<3
BW_SS13	BW_SS13	BW	27/11/2013		0.009	0.093	0.042	0.069	0.035	0.025	0.069	0.008	0.116	0.017	0.019	0.022	0.936	<2	0.084	<0.5	0.117	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.039	0.011	0.077	<3	5	44	40	89	<3
BW_SS14	BW_SS14	BW	27/11/2013		0.01	0.095	0.051	0.075	0.038	0.036	0.072	0.007	0.115	0.016	0.025	0.02	1.02	<2	0.081	<0.8	0.148	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.045	0.012	0.046	<3	4	61	99	164	<3
BW_SS15	BW_SS15	BW	27/11/2013		0.011	0.133	0.06	0.118	0.064	0.041	0.113	0.02	0.168	0.013	0.034	0.027	1.37	<2	0.134	<0.5	0.155	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.094	0.019	0.025	<3	4	76	71	151	<3
BW_SS16	BW_SS16	BW	27/11/2013		0.042	0.336	0.111	0.232	0.124	0.05	0.253	0.044	0.457	0.095	0.059	0.082	3.25	<2	0.37	<0.8	0.324	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.182	0.039	0.21	<3	6	145	106	257	<3
BW_SS17	BW_SS17	BW	27/11/2013		0.008	0.03	0.015	0.031	0.021	0.009	0.03	<0.004	0.06	0.013	0.01	0.012	0.717	<2	0.048	<0.5	0.046	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.022	0.011	0.323	<3	6	115	93	214	<3
BW_SS18	BW_SS18	BW	27/11/2013		0.006	0.026	0.012	0.024	0.015	0.004	0.023	<0.004	0.042	0.011	0.006	0.012	0.344	<2	0.048	<0.5	0.033	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.015	0.008	0.031	<3	7	209	162	378	<3
BW_SS19	BW_SS19	BW	28/11/2013		0.039	0.186	<0.025	0.112	0.065	0.065	0.201	<0.025	0.366	0.117	0.033	0.132	2.79	<2	0.463	8.5	0.278	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.101	<0.025	0.026	<3	49	2400	1340	3789 - 3790	<3
BW_SS20	BW_SS20	BW	28/11/2013		0.009	0.03	0.019	0.027	0.026	0.019	0.04	<0.004	0.051	0.013	0.009	0.016	0.435	<2	0.058	3	0.043	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.029	0.01	<0.004	<3	8	242	125	375	<3
BW_SS21	BW_SS21	BW	28/11/2013		0.01	0.054	0.023	0.056	0.036	0.021	0.066	0.005	0.104	0.022	0.014	0.02	0.796	<2	0.08	2.9	0.079	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.04	0.014	0.094	<3	5	107	78	190	<3
BW_SS22	BW_SS22	BW	28/11/2013		<0.05	0.169	0.062	0.188	0.128	0.096	0.17	<0.05	0.313	0.081	<0.05	0.058	3.15	<2	0.236	10.2	0.226	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.184	<0.05	1.14	<3	19	501	413	933	<3
BW_SS23	BW_SS23	BW	28/11/2013		<0.05	0.125	0.064	0.164	0.103	0.066	0.155	<0.05	0.255	0.067	<0.05	0.066	2.41	<2	0.202	9.7	0.183	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.116	<0.05	0.744	<3	18	530	427	975	<3
BW_SS24	BW_SS24	BW	28/11/2013		<0.004	0.008	<0.004	0.013	0.008	0.004	0.013	<0.004	0.019	0.005	<0.004	0.008	0.976	<2	0.014	4.6	0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.005	0.859	<3	<3	42	47	89 - 90.5	<3
BW_SS25	BW_SS25	BW	29/11/2013		<0.004	0.01	0.01	0.01	0.009	<0.004	0.009	<0.004	0.016	<0.004	0.005	<0.005	0.331	<2	0.016	<0.5	0.016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	<0.005	0.214	<3	<3	18	23	41 - 42.5	<3
BW_SS26	BW_SS26	BW	28/11/2013		0.345	1.15	0.481	1.2	0.63	0.408	1.28	0.117	1.96	0.513	0.261	0.336	14	<2	1.46	8.2	1.33	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.762	0.203	0.211	<3	136	1390	602	2128 - 2130	<3
BW_SS27	BW_SS27	BW	29/11/2013		0.213	1.16	0.421	0.919	1.18	0.327	0.906	0.306	2.01	0.468	0.558	<0.05	16.6	<2	2.1	<0.8	3.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.556	0.765	0.102	<3	6	100	53	159	<3
BW_SS28	BW_SS28	BW	29/11/2013		0.423	1.52	0.66	1.05	1.31	0.363	1.4	0.434	3.24	0.568	0.697	0.631	19.8	<2	2.32	<0.5	2.34	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.728	0.706	<0.025	<3	53	507	198	758	<3
BW_SS29	BW_SS29	BW	29/11/2013		0.014	0.068	0.049	0.076	0.04	0.033	0.078	0.008	0.149	0.023	0.018	0.026	0.999	<2	0.103	<0.5	0.113	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.054	0.013	0.056	<3	<3	13	9	22 - 23.5	<3
BW_SS30	BW_SS30	BW	29/11/2013		0.023	0.143	0.076	0.084	0.061	0.052	0.128	0.011	0.24	0.035	0.027	0.036	1.58	<2	0.165	<0.5	0.197	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.077	0.024	0.075	<3	<3	12	10	22 - 23.5	<3
BW_SS31	BW_SS31	BW	29/11/2013		0.016	0.095	0.041	0.069	0.044	0.024	0.09	0.007	0.159	0.026	0.018	0.015	1.64	<2	0.101	<0.5	0.124	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.05	0.019	0.675	<3	<3	41	29	70 - 71.5	<3
BW_SS32	BW_SS32	BW	29/11/2013		0.006	0.037	0.015	0.028	0.013	0.013	0.034	<0.004	0.055	0.013	0.005	0.008	0.657	<2	0.046	<0.5	0.042	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.019	<0.005	0.292	<3	<3	33	25	58 - 59.5	<3
BW_SS33	BW_SS33	BW	28/11/2013		0.013	<0.004	<0.004	<0.004	0.037	<0.004	<0.004	<0.004	0.101	0.022	<0.004	0.022	0.557	<2	0.079	7	0.083	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.005	0.143	<3	<3	68	55	123 - 124.5	<3
BW_SS34	BW_SS34	BW	29/11/2013		<0.004	0.013	0.006	0.012	0.008	0.004	0.014	<0.004	0.016	0.006	<0.004	<0.005	0.227	<2	0.018	<0.5	0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	0.098	<3	<3	12	13	25 - 26.5	<3
BW_SS35	BW_SS35	BW	26/11/2013		0.012	0.041	0.018	0.034	0.022	0.007	0.039	0.004	0.068	0.015	0.008	0.023	0.517	<2	0.087	<0.5	0.055	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.025	0.012	0.006	<3	6	163	127	296	<3
BW_SS36	BW_SS36	BW	26/11/2013		0.006	0.026	0.013	0.029	0.018	0.005	0.025	<0.004	0.045	0.013	0.008	0.012	0.473	<2	0.039	<0.5	0.036	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.017	0.011	0.149	<3	4	93	89	186	<3
BW_SS37	BW_SS37	BW	26/11/2013		0.009	0.028	0.013	0.031	0.018	0.007	0.028	<0.005	0.055	0.01	0.008	0.01	0.549	<2	0.047	<0.8	0.039	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	0.01	0.199	<3	5	76	61	142	<3
BW_SS38	BW_SS38	BW	26/11/2013		0.019	0.064	0.027	0.052	0.036	0.014	0.052	0.01	0.091	0.03	0.015	0.044	0.973	<2	0.122	<0.8	0.069	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.033	0.022	0.19	<3	8	107	103	218	<3
BW_SS39	BW_SS39	BW	26/11/2013		0.006	0.035	0.018	0.04	0.024	0.012	0.034	0.005	0.066	0.009	0.012	0.013	0.465	<2	0.048	<0.5	0.044	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	0.014	0.043	<3	6	67	61	134	<3
BW_SS40	BW_SS40	BW	27/11/2013		0.007	0.031	0.016	0.025	0.021	0.009	0.023	<0.004	0.04	0.011	0.009	0.012	0.47	<2	0.043	<0.5	0.028	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.02	0.011	0.146	<3	<3	26	26	52 - 53.5	<3
BW_SS41	BW_SS41	BW	27/11/2013		0.007	0.04	0.02	0.038	0.026	0.009	0.032	<0.005	0.056	0.013	0.012	0.02	0.665	<2	0.074	<0.8	0.091	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	0.013	0.111	<3	<3	24	25	49 - 50.5	<3
BW_SS42	BW_SS42	BW	27/11/2013		0.005	0.036	0.018	0.028	0.021	0.01	0.028	<0.004	0.046	0.014	0.01	0.019	0.615	<2	0.049	<0.5	0.074	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	0.012	0.156	<3	<3	68	54	122 - 123.5	<3
BW_SS43	BW_SS43	BW	27/11/2013		0.009	0.047	0.023	0.038	0.036	0.016	0.036	0.005	0.065	0.018	0.015	0.014	0.818	<2	0.057	<0.5	0.081	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.033	0.019	0.242	<3	4	73	64	141	<3
BW_SS45	BW_SS45	BW	27/11/2013		0.408	3.51	1.04	3.47	1.02	1.16	3.25	0.288	7.98	0.578	0.635	1.26	39.1	<2	4.99	<0.5	4.42	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.92	0.29	0.16	<3	88	874	359	1320 - 1321	<3
BW_SS46	BW_SS46	BW	27/11/2013		0.188	1.3	0.483	1.37	0.491	0.364	1.28	0.142	3.1	0.277	0.294	0.422	15.6	<2	2.25	<0.5	1.72	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.762	0.179	0.057	<3	57	508	203	768	<3
BW_SS47	BW_SS47	BW	27/11/2013		0.4	2.52	0.813	1.94	0.705	0.478	2.38	0.207	5.66	0.411	0.402	0.705	27.1	<2	3.79	<0.5	3.29	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.42	0.235	0.095	<3	74	920	443	1437 - 1440	<3
BW_SS48	BW_SS48	BW	27/11/2013		0.105	1.05	0.32	0.618	0.301	0.185	0.739	0.073	1.77	0.14	0.159	0.149	8.52	<2	0.788	<0.5	1.13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.389	0.104	0.1	<3	37	515	299	851	<3
BW_SS49	BW_SS49	BW	27/11/2013		0.168	1.63	0.507	0.956	0.464	0.261	1.15	0.115	2.76	0.233	0.245	0.279	13.8	<2	1.22	<0.8	1.85	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.585	0.179	0.577	<3	47	664	433	1140 - 1144	<3
BW_SS50	BW_SS50	BW	27/11/2013		0.288	1.96	0.561	1.21	0.513	0.282	1.85	0.131	4.02	0.324	0.282	0.324	18.6	<2	2.12	<0.5	2.64	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.713	0.184	0.223	<3	54	755	422	1230 - 1231	<3
BW_SS51	BW_SS51	BW	27/11/2013		0.067	0.607	0.33	0.573	0.106	0.245	0.432	<0.05	0.858	0.16	0.052	0.168	6.21	<2	0.577	<0.8	0.562	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.312	<0.05	0.821	<3	16	301	252	569	<3
BW_SS52	BW_SS52	BW	27/11/2013		0.022	0.213	0.088	0.16	0.086	0.051	0.156	0.019	0.267	0.031	0.043	0.031	1.88	<2	0.17	<0.5	0.211	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.1	0.027	0.091	<3	4	54	51	109	<3
BW_SS53	BW_SS53	BW	27/11/2013		0.065	0.619	<0.05	0.676	<0.05	0.278	0.456	<0.05	0.91	0.156	<0.05	0.159	6.35	<2	0.58	<0.8	0.604	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.356	<0.05	1.14	<3	22	374	316	712	<3
BW_SS54	BW_SS54	BW	27/11/2013		0.301	2.62	1	2.33	0.861	0.477	2.08	0.219	4.85	0.37	0.493	0.349	24.9	<2	2.55	<0.5	3.11	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.36	0.3	0.414	<3	62	761	415	1238 - 1240	<3

Statistical Summary

Number of Results					49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	12	49	0	0	0	0	0	0	0	0	46	33	42	0	36	49	49	49	0
Number of Detects					41	48	44	47	46	45	48	25	49	45	40	46	49	0	49	12	49									46	33	42	0	36	49	49	49	0
Minimum Concentration					<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.012	<0.004	<0.004	<0.005	0.111	<2	0.014	<0.5	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.005	<0.004	<3	<3	12	9	22	<3
Minimum Detect					0.005	0.008	0.005	0.005	0.008	0.004	0.009	0.004	0.012	0.005	0.004	0.008	0.111	ND	0.014	1.1	0.011	ND	ND	ND	ND	ND	ND	ND	ND	0.007	0.008	0.005	ND	3	12	9	22	ND
Maximum Concentration					0.423	3.51	1.04	3.47	1.31	1.16	3.25	0.434	7.98	0.578	0.697	1.26	39.1	<2	4.99	10.2	4.42	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.92	0.765	1.14	<3	136	2400	1340	3790	<3
Maximum Detect					0.423	3.51	1.04	3.47	1.31	1.16	3.25	0.434	7.98	0.578	0.697	1.26	39.1	ND	4.99	10.2	4.42	ND	ND	ND	ND	ND	ND	ND	ND	1.92	0.765	1.14	ND	136	2400	1340	3790	ND
Average Concentration					0.072	0.47	0.17	0.4	0.19	0.12	0.41	0.049	0.91	0.11	0.097	0.12	5.2	1	0.6	1.6	0.62	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.24	0.075	0.23	1.5	19	289	176	483	1.5
Median Concentration					0.014	0.068	0.027	0.069	0.037	0.025	0.07	0.008	0.115	0.022	0.018	0.022	0.976	1	0.101	0.25	0.113	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.045	0.014	0.111	1.5	6	100	89	186	1.5
Standard Deviation					0.12	0.8	0.27	0.7	0.32	0.21	0.72	0.093	1.7	0.16	0.18	0.23	8.5	0	1.1	2.8	1.1	0	0	0	0	0	0	0	0	0.41	0.16	0.29	0	28	430	226	674	0
Number of Guideline Exceedances					11	15	8	0	0	0	13	10	13	26	0	9	13	0	16	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0
Number of Guideline Exceedances(Detects Only)					11	15	8	0	0	0	13	10	13	26	0	9	13	0	16	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0

Comments

#1 National Assessment Guidelines for Dredging 2009
#2 dry wt Sn
#3 dry wt - National Oceanographic and Atmospheric Administration

Table 4x. AEC BX Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

							Particle Size																
				Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ (zero)	+1180µm	+150µm	+19.0mm	+2.36mm	+300µm	+37.5mm	+4.75mm	+425µm	+600µm	+75.0mm	+75µm	+9.5mm	Fines (<75 µm)	Sand (>75 µm)	Gravel (>2mm)	Cobbles (>6cm)	Organic Matter
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																							
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																							
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																							
Human Health - HSL-D - Vapour Intrusion + 4m SAND																							
Human Health - Direct Contact - HSL-D																							
Human Health - Intrusive - Vapour Intrusion 0-<2m																							
Human Health - Intrusive - Vapour Intrusion 2-<4m																							
Human Health - Intrusive - Vapour Intrusion + 4m																							
Human Health - Intrusive - Direct Contact																							
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)																							
NEPM (2013) ESL - Commercial & Industrial (Fine)																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	-	-	<0.5	<1	2	<1	<1	1	<1	<1	<1	<1	<1	9	<1	91	9	<1	<1	0.7
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																							
Number of Results				2	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				2	2	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1
Minimum Concentration				0.6	1.2	<0.5	<1	2	<1	<1	1	<1	<1	<1	<1	<1	9	<1	91	9	<1	<1	0.7
Minimum Detect				0.6	1.2	ND	ND	2	ND	ND	1	ND	ND	ND	ND	ND	9	ND	91	9	ND	ND	0.7
Maximum Concentration				0.6	1.2	<0.5	<1	2	<1	<1	1	<1	<1	<1	<1	<1	9	<1	91	9	<1	<1	0.7
Maximum Detect				0.6	1.2	ND	ND	2	ND	ND	1	ND	ND	ND	ND	ND	9	ND	91	9	ND	ND	0.7
Average Concentration						0.25																	
Median Concentration				0.6	1.2	0.25	0.5	2	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	9	0.5	91	9	0.5	0.5	0.7
Standard Deviation						0																	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				BTEX							Chlorinated Hydrocarbons												
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND				3$^{\#10}$	NL$^{\#10}$	NL$^{\#10}$			230$^{\#10}$														
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND				3$^{\#9}$	NL$^{\#9}$	NL$^{\#9}$			NL$^{\#9}$														
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND				3$^{\#8}$	NL$^{\#8}$	NL$^{\#8}$			NL$^{\#8}$														
Human Health - HSL-D - Vapour Intrusion + 4m SAND				3$^{\#11}$	NL$^{\#11}$	NL$^{\#11}$			NL$^{\#11}$														
Human Health - Direct Contact - HSL-D				430$^{\#13}$	99000$^{\#13}$	27000$^{\#13}$			81000$^{\#13}$														
Human Health - Intrusive - Vapour Intrusion 0-<2m				77$^{\#6}$	NL$^{\#6}$	NL$^{\#6}$			NL$^{\#6}$														
Human Health - Intrusive - Vapour Intrusion 2-<4m				160$^{\#5}$	NL$^{\#5}$	NL$^{\#5}$			NL$^{\#5}$														
Human Health - Intrusive - Vapour Intrusion + 4m				NL$^{\#7}$	NL$^{\#7}$	NL$^{\#7}$			NL$^{\#7}$														
Human Health - Intrusive - Direct Contact				1100$^{\#12}$	120000$^{\#12}$	85000$^{\#12}$			130000$^{\#12}$														
Human Health - Direct Contact - HIL-D																							
EIL - Commercial / Industrial (Aged)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																							
NEPM (2013) ESL - Commercial & Industrial (Coarse)				75$^{\#15}$	135$^{\#15}$	165$^{\#15}$			180$^{\#15}$														
NEPM (2013) ESL - Commercial & Industrial (Fine)				95$^{\#15}$	135$^{\#15}$	185$^{\#15}$			95$^{\#15}$														
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																							
Number of Results				5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.1	0.25	0.25	0.25	0.25	0.25	0.1													
Median Concentration				0.1	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0													
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Chlorinated Hydrocarbons																		
				Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																						
Human Health - Direct Contact - HSL-D																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																						
Human Health - Intrusive - Vapour Intrusion + 4m																						
Human Health - Intrusive - Direct Contact																						
Human Health - Direct Contact - HIL-D																						
EIL - Commercial / Industrial (Aged)																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																						
NEPM (2013) ESL - Commercial & Industrial (Fine)																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																						
Number of Results				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																						
Median Concentration				0.25	0.25	0.25	0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25
Standard Deviation																						
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

Table 4x. AEC BX Soil Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Halogenated Benzenes						Halogenated Hydrocarbons				
				1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND														
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND														
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND														
Human Health - HSL-D - Vapour Intrusion + 4m SAND														
Human Health - Direct Contact - HSL-D														
Human Health - Intrusive - Vapour Intrusion 0-<2m														
Human Health - Intrusive - Vapour Intrusion 2-<4m														
Human Health - Intrusive - Vapour Intrusion + 4m														
Human Health - Intrusive - Direct Contact														
Human Health - Direct Contact - HIL-D														
EIL - Commercial / Industrial (Aged)														
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)														
NEPM (2013) ESL - Commercial & Industrial (Coarse)														
NEPM (2013) ESL - Commercial & Industrial (Fine)														
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**											
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary														
Number of Results				2	2	2	2	2	2	2	2	2	2	2
Number of Detects				0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration														
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5
Standard Deviation														
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0

				Inorganics									MAH								
				CEC	Moisture	Exchangeable Aluminium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
				meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																					
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																					
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																					
Human Health - HSL-D - Vapour Intrusion + 4m SAND																					
Human Health - Direct Contact - HSL-D																					
Human Health - Intrusive - Vapour Intrusion 0-<2m																					
Human Health - Intrusive - Vapour Intrusion 2-<4m																					
Human Health - Intrusive - Vapour Intrusion + 4m																					
Human Health - Intrusive - Direct Contact																					
Human Health - Direct Contact - HIL-D																					
EIL - Commercial / Industrial (Aged)																					
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																					
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					
NEPM (2013) ESL - Commercial & Industrial (Fine)																					
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																		
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	-	16.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	6.5	18	<0.1	1.3	4.5	0.2	0.5	5.2	<0.5	-	-	-	-	-	-	-	-	-
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	-	34	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	-	24	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	-	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																					
Number of Results				1	5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Number of Detects				1	5	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				6.5	15.3	<0.1	1.3	4.5	0.2	0.5	5.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				6.5	15.3	ND	1.3	4.5	0.2	0.5	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				6.5	34	<0.1	1.3	4.5	0.2	0.5	5.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				6.5	34	ND	1.3	4.5	0.2	0.5	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					22																
Median Concentration				6.5	18	0.05	1.3	4.5	0.2	0.5	5.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation					7.7																
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Lead	Metals							PFOA	PFOS												
				Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	Perfluorooctanoate	6:2 Fluorotelomer Sulfonate (6:2 FtS)	PFOS	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				5	5	1	2	5	0.1	2	5	0.0005	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																										
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																										
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																										
Human Health - HSL-D - Vapour Intrusion + 4m SAND																										
Human Health - Direct Contact - HSL-D																										
Human Health - Intrusive - Vapour Intrusion 0-<2m																										
Human Health - Intrusive - Vapour Intrusion 2-<4m																										
Human Health - Intrusive - Vapour Intrusion + 4m																										
Human Health - Intrusive - Direct Contact																										
Human Health - Direct Contact - HIL-D					1500#14	3000#14	900#14		240000#14	730#14	6000#14	400000#14															
EIL - Commercial / Industrial (Aged)					1800#3	160#4		550#1	320#1		450#1	1100#1															
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																										
NEPM (2013) ESL - Commercial & Industrial (Coarse)																										
NEPM (2013) ESL - Commercial & Industrial (Fine)																										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																							
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	15	10	<1	16	20	<0.1	15	80	<0.0005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	14	14	<1	15	11	<0.1	6	64	<0.0005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	16	12	<1	16	19	<0.1	20	136	<0.0005	<0.005	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	24	11	<1	9	26	<0.1	9	56	<0.0005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	7	9	<1	7	7	<0.1	8	45	<0.0005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
Statistical Summary																										
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				5	5	0	5	5	0	5	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				7	9	<1	7	7	<0.1	6	45	<0.0005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
Minimum Detect				7	9	ND	7	7	ND	6	45	ND	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				24	14	<1	16	26	<0.1	20	136	<0.0005	<0.005	4.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
Maximum Detect				24	14	ND	16	26	ND	20	136	ND	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				15	11	0.5	13	17	0.05	12	76	0.00025	0.0025	1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25
Median Concentration				15	11	0.5	15	19	0.05	9	64	0.00025	0.0025	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25
Standard Deviation				6.1	1.9	0	4.3	7.6	0	5.8	36	0	0	1.7	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Var
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Var
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

				PAH/Phenols																		Polychlorinated Biphenyls	Solvents					TRH											VOCs		
				Anthracene	Benz(a)anthracene	Benzo (a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	>C10 - C16 Less Naphthalene (F2)	C6 - C9	>C10 - C14	C15 - C28	>C29-C36	>C10 - C36 (Sum of total)	>C10 - C40 (Sum of total)	>C10-C16	C16-C34	>C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	0.1	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND															NL[#10]												260[#10]	NL[#10]														
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND															NL[#9]												370[#9]	NL[#9]														
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND															NL[#8]												630[#8]	NL[#8]														
Human Health - HSL-D - Vapour Intrusion + 4m SAND															NL[#11]												NL[#11]	NL[#11]														
Human Health - Direct Contact - HSL-D															11000[#13]												NL[#13]	NL[#13]						20000[#13]	27000[#13]	38000[#13]	26000[#13]					
Human Health - Intrusive - Vapour Intrusion 0-<2m															NL[#6]												NL[#6]	NL[#6]														
Human Health - Intrusive - Vapour Intrusion 2-<4m															NL[#5]												NL[#5]	NL[#5]														
Human Health - Intrusive - Vapour Intrusion + 4m															NL[#7]												NL[#7]	NL[#7]														
Human Health - Intrusive - Direct Contact															29000[#12]												82000[#12]	62000[#12]							85000[#12]	120000[#12]					
Human Health - Direct Contact - HIL-D																4000[#14]	660[#14]		240000[#14]		7[#14]																				
EIL - Commercial / Industrial (Aged)															370[#2]																										
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																											215[#15]							170[#13]							
NEPM (2013) ESL - Commercial & Industrial (Coarse)						1.4[#15]																													1700[#15]	3300[#15]					
NEPM (2013) ESL - Commercial & Industrial (Fine)						1.4[#15]																													2500[#15]	6600[#15]					
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																							
BX_MW01	BX_MW01_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BX_MW02	BX_MW02_0.5	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BX_MW03	BX_MW03_0.2	SOIL	14-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BX_MW03	BX_MW03_2.0	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BX_MW04	BX_MW04_0.15	SOIL	26-Nov-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	-	-	-	-	-	<10	-	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
Statistical Summary																																									
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	5	2	5	5	5	5	5	5	5	5	5	2	2	2
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.1	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05						5		5	25	50	50	25	25	25	50	50	5			
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1	0.25	0.25	0.25	0.05	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0		0	0	0	0	0	0	0	0	0	0			
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vap
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vap
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vap
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vap
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Va
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapou
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industr
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

							Particle Size																		BTEX						Chlorinated Hydrocarbon															
				Benzo(a)pyrene TEQ (half LOR)	**Benzo(a)pyrene TEQ (LOR)**	**Benzo(a)pyrene TEQ (zero)**	**+1180µm**	**+150µm**	**+19.0mm**	**+2.36mm**	**+300µm**	**+37.5mm**	**+4.75mm**	**+425µm**	**+600µm**	**+75.0mm**	**+75µm**	**+9.5mm**	**Clay (<2 µm)**	**Silt (2-60 µm)**	**Sand (0.06-2.00 mm)**	**Gravel (>2mm)**	**Cobbles (>6cm)**	**Organic Matter**	**Toluene**	**Ethylbenzene**	**Xylene (m & p)**	**Xylene (o)**	**Xylene Total**	**Total BTEX**	**1,1,1,2-tetrachloroethane**	**1,1,1-trichloroethane**	**1,1,2,2-tetrachloroethane**	**1,1,2-trichloroethane**	**1,1-dichloroethane**	**1,1-dichloroethene**	**1,1-dichloropropene**	**1,2,3-trichloropropane**	**1,2-dibromo-3-chloropropane**	**1,2-dichloroethane**	**1,2-dichloropropane**	**1,3-dichloropropane**	**2,2-dichloropropane**	**Bromodichloromethane**	**Bromoform**	**Carbon tetrachloride**
				mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																									NL[#10]	NL[#10]			230[#10]																	
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																									NL[#9]	NL[#9]			NL[#9]																	
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																									NL[#8]	NL[#8]			NL[#8]																	
Human Health - HSL-D - Vapour Intrusion + 4m SAND																									NL[#11]	NL[#11]			NL[#11]																	
Human Health - Direct Contact - HSL-D																									99000[#13]	27000[#13]			81000[#13]																	
Human Health - Intrusive - Vapour Intrusion 0-<2m																									NL[#6]	NL[#6]			NL[#6]																	
Human Health - Intrusive - Vapour Intrusion 2-<4m																									NL[#5]	NL[#5]			NL[#5]																	
Human Health - Intrusive - Vapour Intrusion + 4m																									NL[#7]	NL[#7]			NL[#7]																	
Human Health - Intrusive - Direct Contact																									120000[#12]	85000[#12]			130000[#12]																	
Human Health - Direct Contact - HIL-D																																														
EIL - Commercial / Industrial (Aged)																																														
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																														
NEPM (2013) ESL - Commercial & Industrial (Coarse)																									135[#15]	165[#15]			180[#15]																	
NEPM (2013) ESL - Commercial & Industrial (Fine)																									135[#15]	185[#15]			95[#15]																	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																											
BY_MW11	BY_MW11_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_8.0	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW18	BY_MW18_0.2	SOIL	12-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW18	BY_MW18_5.0	SOIL	18-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW20	BY_MW20_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW20	BY_MW20_2.0	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW21	BY_MW21_0.2	SOIL	14-Nov-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW21	BY_MW21_2.5	SOIL	04-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_0.2	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_3.5	SOIL	11-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW24	BY_MW24_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW24	BY_MW24_6.0	SOIL	11-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW25	BY_MW25_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW25	BY_MW25_6.0	SOIL	11-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW26	BY_MW26_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW27	BY_MW27_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW29	BY_MW29_0.1	SOIL	09-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW32	BY_MW32_0.2	SOIL	12-Dec-13	0.6	1.2	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BY_MW32	BY_MW32_1.5-1.8	SOIL	17-Dec-13	0.6	1.2	<0.5	4	6	<1	3	5	<1	2	5	5	<1	9	<1	27	62	8	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statistical Summary																																														
Number of Results				20	20	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects				20	20	0	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				0.6	1.2	<0.5	4	6	<1	3	5	<1	2	5	5	<1	9	<1	27	62	8	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				0.6	1.2	ND	4	6	ND	3	5	ND	2	5	5	ND	9	ND	27	62	8	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.6	1.2	<0.5	4	6	<1	3	5	<1	2	5	5	<1	9	<1	27	62	8	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				0.6	1.2	ND	4	6	ND	3	5	ND	2	5	5	ND	9	ND	27	62	8	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.6	1.2	0.25																			0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.6	1.2	0.25	4	6	0.5	3	5	0.5	2	5	5	0.5	9	0.5	27	62	8	3	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.1	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0																			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil properties across the site and mean ABC values from the buffer lands.
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour Intrusion
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour Intrusion
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intrusion
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour Intrusion
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour Intrusion
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour Intrusion
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Intrusion
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	s														Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics										
	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	CEC	Moisture	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	pH (Lab)	TOC	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/100g	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	pH_Units	%	mg/kg	mg/kg
EQL	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	0.5	5	0.1	1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																						
Human Health - Direct Contact - HSL-D																																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																																						
Human Health - Intrusive - Vapour Intrusion + 4m																																						
Human Health - Intrusive - Direct Contact																																						
Human Health - Direct Contact - HIL-D																																						
EIL - Commercial / Industrial (Aged)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																																						
NEPM (2013) ESL - Commercial & Industrial (Fine)																																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BY_MW11	BY_MW11_0.2	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	9.6	-	-	-	-	-	-	<0.5	<0.5
BY_MW12	BY_MW12_0.2	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	14.8	-	-	-	-	-	-	<0.5	<0.5
BY_MW12	BY_MW12_8.0	SOIL	09-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5	-	-	-	-	-	-	-	-
BY_MW18	BY_MW18_0.2	SOIL	12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.7	-	-	-	-	-	-	-	-
BY_MW18	BY_MW18_5.0	SOIL	18-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4	-	-	-	-	-	-	-	-
BY_MW20	BY_MW20_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.8	-	-	-	-	-	-	-	-
BY_MW20	BY_MW20_2.0	SOIL	04-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	21.3	-	-	-	-	-	-	<0.5	<0.5
BY_MW21	BY_MW21_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	-	-	-	-	-	-	-	-
BY_MW21	BY_MW21_2.5	SOIL	04-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	17.6	-	-	-	-	-	-	<0.5	<0.5
BY_MW23	BY_MW23_0.2	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	21.6	-	-	-	-	-	-	<0.5	<0.5
BY_MW23	BY_MW23_3.5	SOIL	11-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	-	-	-	-	-	-
BY_MW24	BY_MW24_0.1	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	20.4	-	-	-	-	-	-	<0.5	<0.5
BY_MW24	BY_MW24_6.0	SOIL	11-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.6	-	-	-	-	-	-	-	-
BY_MW25	BY_MW25_0.1	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	15.7	-	-	-	-	-	-	<0.5	<0.5
BY_MW25	BY_MW25_6.0	SOIL	11-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-	-
BY_MW26	BY_MW26_0.1	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	25.3	-	-	-	-	-	-	<0.5	<0.5
BY_MW27	BY_MW27_0.1	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	12.4	-	-	-	-	-	-	<0.5	<0.5
BY_MW29	BY_MW29_0.1	SOIL	09-Dec-13	<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	-	17.3	-	-	-	-	-	-	<0.5	<0.5
BY_MW32	BY_MW32_0.2	SOIL	12-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.8	-	-	-	-	-	-	-	-
BY_MW32	BY_MW32_1.5-1.8	SOIL	17-Dec-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	13.8	19.1	8.9	0.2	1.7	8.3	<0.5	-	-
Statistical Summary																																						
Number of Results				10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	20	1	1	1	1	1	1	10	10
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	1	1	1	1	1	0	0	0
Minimum Concentration				<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	30	9.6	19.1	8.9	0.2	1.7	8.3	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	9.6	19.1	8.9	0.2	1.7	8.3	ND	ND	ND
Maximum Concentration				<0.5	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<0.5	<5	30	31.8	19.1	8.9	0.2	1.7	8.3	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	31.8	19.1	8.9	0.2	1.7	8.3	ND	ND	ND
Average Concentration				0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5		19							0.25	0.25
Median Concentration				0.25	2.5	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5	2.5	0.25	2.5	30	16.85	19.1	8.9	0.2	1.7	8.3	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6							0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil proj
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour I
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour I
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intru
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour I
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour I
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Int
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

	MAH							Lead	Metals							PAH/Phenols																						
	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead	Arsenic	Cadmium	Chromium (III+VI)	Copper	Mercury	Nickel	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	2	5	0.1	2	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND																																						
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND																																						
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND																																						
Human Health - HSL-D - Vapour Intrusion + 4m SAND																																						
Human Health - Direct Contact - HSL-D																																						
Human Health - Intrusive - Vapour Intrusion 0-<2m																																						
Human Health - Intrusive - Vapour Intrusion 2-<4m																																						
Human Health - Intrusive - Vapour Intrusion + 4m																																						
Human Health - Intrusive - Direct Contact																																						
Human Health - Direct Contact - HIL-D								1500[#14]	3000[#14]	900[#14]		240000[#14]	730[#14]	6000[#14]	400000[#14]																								
EIL - Commercial / Industrial (Aged)								1800[#3]	160[#4]		550[#1]	320[#1]		450[#1]	1100[#1]																							
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)																																						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																														1.4[#15]								
NEPM (2013) ESL - Commercial & Industrial (Fine)																														1.4[#15]								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BY_MW11	BY_MW11_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14	11	<1	8	18	<0.1	12	56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	12	<1	7	20	<0.1	13	65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_8.0	SOIL	09-Dec-13	-	-	-	-	-	-	-	78	20	<1	15	34	<0.1	16	73	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW18	BY_MW18_0.2	SOIL	12-Dec-13	-	-	-	-	-	-	-	10	9	<1	7	9	<0.1	7	50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW18	BY_MW18_5.0	SOIL	18-Dec-13	-	-	-	-	-	-	-	10	<5	<1	4	19	<0.1	6	94	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW20	BY_MW20_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	22	18	<1	33	17	<0.1	21	52	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW20	BY_MW20_2.0	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	32	25	<1	23	21	<0.1	15	69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW21	BY_MW21_0.2	SOIL	14-Nov-13	-	-	-	-	-	-	-	25	19	<1	33	21	<0.1	22	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW21	BY_MW21_2.5	SOIL	04-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9	11	<1	22	21	<0.1	7	42	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_0.2	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9	5	<1	11	<5	<0.1	4	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_3.5	SOIL	11-Dec-13	-	-	-	-	-	-	-	8	8	<1	12	<5	<0.1	4	46	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW24	BY_MW24_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	24	16	<1	39	12	<0.1	8	37	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW24	BY_MW24_6.0	SOIL	11-Dec-13	-	-	-	-	-	-	-	16	17	<1	24	22	<0.1	4	63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW25	BY_MW25_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19	24	<1	34	13	<0.1	28	47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW25	BY_MW25_6.0	SOIL	11-Dec-13	-	-	-	-	-	-	-	23	28	<1	28	32	<0.1	33	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW26	BY_MW26_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	10	<1	12	9	<0.1	9	58	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW27	BY_MW27_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	15	11	<1	12	7	<0.1	6	41	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW29	BY_MW29_0.1	SOIL	09-Dec-13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	17	10	<1	20	14	<0.1	14	64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW32	BY_MW32_0.2	SOIL	12-Dec-13	-	-	-	-	-	-	-	24	18	<1	22	36	<0.1	25	70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BY_MW32	BY_MW32_1.5-1.8	SOIL	17-Dec-13	-	-	-	-	-	-	-	28	16	<1	14	39	<0.1	29	98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																																						
Number of Results				10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Number of Detects				0	0	0	0	0	0	0	20	19	0	20	18	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8	<5	<1	4	<5	<0.1	4	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	8	5	ND	4	7	ND	4	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	78	28	<1	39	39	<0.1	33	132	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	78	28	ND	39	39	ND	33	132	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	21	15	0.5	19	18	0.05	14	62	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Median Concentration				0.25	0.25	0.25	0.25	0.25	0.25	0.25	17	14	0.5	17.5	18.5	0.05	12.5	60.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Standard Deviation				0	0	0	0	0	0	0	15	6.7	0	10	11	0	9.2	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil proj
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#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
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#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour I
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intru
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour I
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour I
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Int
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

							Solvents					TRH												VOCs		
	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	2	0.5	0.5	0.5	5	5	5	0.5	5	10	50	10	50	100	100	50	50	50	100	100	10	0.5	0.5	0.5
Human Health - HSL-D - Vapour Intrusion 0-<1m SAND	NL[#10]											260[#10]	NL[#10]													
Human Health - HSL-D - Vapour Intrusion 1-<2m SAND	NL[#9]											370[#9]	NL[#9]													
Human Health - HSL-D - Vapour Intrusion 2-<4m SAND	NL[#8]											630[#8]	NL[#8]													
Human Health - HSL-D - Vapour Intrusion + 4m SAND	NL[#11]											NL[#11]	NL[#11]													
Human Health - Direct Contact - HSL-D	11000[#13]											NL[#13]	NL[#13]							20000[#13]	27000[#13]	38000[#13]	26000[#13]			
Human Health - Intrusive - Vapour Intrusion 0-<2m	NL[#6]											NL[#6]	NL[#6]													
Human Health - Intrusive - Vapour Intrusion 2-<4m	NL[#5]											NL[#5]	NL[#5]													
Human Health - Intrusive - Vapour Intrusion + 4m	NL[#7]											NL[#7]	NL[#7]													
Human Health - Intrusive - Direct Contact	29000[#12]											82000[#12]	62000[#12]								85000[#12]	120000[#12]				
Human Health - Direct Contact - HIL-D		4000[#14]	660[#14]		240000[#14]																					
EIL - Commercial / Industrial (Aged)	370[#2]																									
NEPM (2013) ESL - Commercial & Industrial (Coarse or fine)												215[#15]								170[#15]						
NEPM (2013) ESL - Commercial & Industrial (Coarse)																					1700[#15]	3300[#15]				
NEPM (2013) ESL - Commercial & Industrial (Fine)																					2500[#15]	6600[#15]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																								
BY_MW11	BY_MW11_0.2	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_0.2	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW12	BY_MW12_8.0	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW18	BY_MW18_0.2	SOIL	12-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW18	BY_MW18_5.0	SOIL	18-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW20	BY_MW20_0.2	SOIL	14-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW20	BY_MW20_2.0	SOIL	04-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW21	BY_MW21_0.2	SOIL	14-Nov-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW21	BY_MW21_2.5	SOIL	04-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_0.2	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW23	BY_MW23_3.5	SOIL	11-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW24	BY_MW24_0.1	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW24	BY_MW24_6.0	SOIL	11-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW25	BY_MW25_0.1	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW25	BY_MW25_6.0	SOIL	11-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW26	BY_MW26_0.1	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW27	BY_MW27_0.1	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW29	BY_MW29_0.1	SOIL	09-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
BY_MW32	BY_MW32_0.2	SOIL	12-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
BY_MW32	BY_MW32_1.5-1.8	SOIL	17-Dec-13	<0.5	<0.5	<2	<0.5	<0.5	<0.5	-	-	-	-	-	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	-	-	-
Statistical Summary																											
Number of Results	20	20	20	20	20	20	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<5	<5	<5	<0.5	<5	<10	<50	<10	<50	<100	<100	<50	<50	<50	<100	<100	<10	<0.5	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Median Concentration	0.25	0.25	1	0.25	0.25	0.25	2.5	2.5	2.5	0.25	2.5	5	25	5	25	50	50	25	25	25	50	50	5	0.25	0.25	0.25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 Site-wide EIL for commercial/industrial landuse. Calculated using mean soil prop
#2 Generic naphthalene ACL for commercial/industrial
#3 Generic lead ACL for commercial/industrial
#4 Generic arsenic ACL for commercial/industrial
#5 CRC Care 2011 Intrusive Maintenance Workers, 2 to <4m, Sand Soils for Vapour I
#6 CRC Care 2011 Intrusive Maintenance Workers, 0 to <2m, Sand Soils for Vapour I
#7 CRC Care 2011 Intrusive Maintenance Workers, +4 m, Sand Soils for Vapour Intru
#8 CRC Care 2011 HSL-D (Commercial/Industrial) 2 to <4m, Sand Soils for Vapour I
#9 CRC Care 2011 HSL-D (Commercial/Industrial) 1 to <2m, Sand Soils for Vapour I
#10 CRC Care 2011 HSL-D (Commercial/Industrial) 0 to <1m, Sand Soils for Vapour
#11 CRC Care 2011 HSL-D (Commercial/Industrial) +4 m, Sand Soils for Vapour Int
#12 CRC Care (2011) Intrusive Maintenance Workers for Direct Contact
#13 CRC Care (2011) HSL-D (Commercial/Industrial) for Direct Contact
#14 ASC NEPM (2013) Health Investigation Level (HIL-D) Commercial/Industrial
#15 ASC NEPM (2013) Ecological Screening Levels for Soil

		Asbestos		
		Asbestos fibres	Asbestos Detected	Asbestos Type
		%w/w	Text	--
EQL		0.0001	-	-
Human Health - Asbestos		0.001[#1]	No asbestos present at surface [#2]	
Location Code	**Sample ID**	**Matrix_Type**	**Sample Date**			
BC_MW01	BC_MW01_0.3	Soil	7/11/2013	-	No	-
BC_MW02	BC_MW02_0.3	Soil	7/11/2013	-	No	-
BC_MW04	BC_MW04_0.3	Soil	7/11/2013	-	No	-
BC_SB01	BC_SB01_0.2	Soil	6/11/2013	-	No	-
BC_SB02	BC_SB02_0.2	Soil	6/11/2013	-	No	-
BC_SB03	BC_SB03_0.1	Soil	7/11/2013	-	No	-
BC_SB04	BC_SB04_0.1	Soil	7/11/2013	-	No	-
BE_MW01	BE_MW01_0.1	Soil	15/11/2013	0.001	Yes	Amosite
BE_MW04	BE_MW04_1.0	Soil	15/11/2013	-	No	-
BE_MW05	BE_MW05_0.1	Soil	15/11/2013	-	No	-
BE_MW06	BE_MW06_0.1	Soil	15/11/2013	-	No	-
BE_MW07	BE_MW07_0.5	Soil	15/11/2013	-	No	-
BE_MW08	BE_MW08_0.5	Soil	15/11/2013	-	No	-
BE_MW09	BE_MW09_0.1	Soil	8/11/2013	-	No	-
BF_MW01	BF_MW01_0.4-0.5	soil	3/12/2013	-	No	-
BF_MW02	BF_MW02_0.2	Soil	3/12/2013	-	No	-
BF_MW03	BF_MW03_0.4-0.5	soil	3/12/2013	-	No	-
BF_MW08	BF_MW08_0.2	soil	9/12/2013	-	No	-
BF_MW09	BF_MW09_0.2	soil	9/12/2013	-	No	-
BF_MW10	BF_MW10_0.1	soil	9/12/2013	-	No	-
BF_MW11	BF_MW11_0.2	soil	9/12/2013	-	No	-
BF_SB01	BF_SB01_0.1-0.2	soil	3/12/2013	-	No	-
BF_SB02	BF_SB02_0.1-0.2	soil	3/12/2013	-	No	-
BF_SB03	BF_SB03_0.1-0.2	soil	3/12/2013	-	No	-
BF_SB04	BF_SB04_0.4-0.5	soil	3/12/2013	-	No	-
BG_MW01	BG_MW01_0.2	Soil	7/11/2013	-	No	-
BG_MW02	BG_MW02_0.2	Soil	7/11/2013	-	No	-
BG_MW03	BG_MW03_0.2	Soil	7/11/2013	-	No	-
BG_MW04	BG_MW04_0.2	Soil	7/11/2013	-	No	-
BG_MW05	BG_MW05_0.2	Soil	7/11/2013	-	No	-
BG_MW06	BG_MW06_0.2	Soil	7/11/2013	-	No	-
BG_MW07	BG_MW07_0.2	Soil	7/11/2013	-	No	-
BH_MW01	BH_MW01_0.1	soil	8/11/2013	-	No	-
BH_MW02	BH_MW02_0.1	Soil	8/11/2013	-	No	-
BH_MW04	BH_MW04_0.25	Soil	8/11/2013	-	No	-
BH_MW05	BH_MW05_0.2	Soil	8/11/2013	-	No	-
BH_MW06	BH_MW06_0.2	Soil	8/11/2013	-	No	-
BH_MW07	BH_MW07_0.2	Soil	13/11/2013	-	No	-
BH_MW08	BH_MW08_0.2	Soil	8/11/2013	-	No	-
BH_SB01	BH_SB01_0.2	soil	13/11/2013	-	No	-
BH_SB02	BH_SB02_0.5	Soil	13/11/2013	-	No	-
BH_SB03	BH_SB03_0.2	Soil	8/11/2013	-	No	-
BH_SB04	BH_SB04_0.3	Soil	8/11/2013	-	No	-
BH_SB05	BH_SB05_0.1	Soil	7/11/2013	-	No	-
BH_SB06	BH_SB06_0.25	Soil	7/11/2013	-	No	-
BH_SB07	BH_SB07_0.2	Soil	26/11/2013	-	No	-
BH_SB08	BH_SB08_0.3	soil	8/11/2013	-	No	-
BI_MW01	BI_MW01_0.5	Soil	12/11/2013	-	No	-
BI_MW02	BI_MW02_0.2	Soil	12/11/2013	-	No	-
BI_MW03	BI_MW03_0.6	Soil	20/11/2013	-	No	-
BJ_MW01	BJ_MW01_0.2	Soil	5/11/2013	-	No	-
BJ_MW02	BJ_MW02_0.2	SOIL	31/10/2013	-	No	-
BJ_MW03	BJ_MW03_0.2	soil	31/10/2013	-	No	-
BJ_MW04	BJ_MW04_0.2	Soil	1/11/2013	-	No	-
BJ_MW05	BJ_MW05_0.2	Soil	31/10/2013	-	No	-
BJ_SB01	BJ_SB01_0.2	Soil	5/11/2013	-	No	-
BJ_SB02	BJ_SB02_0.2	Soil	5/11/2013	-	No	-
BJ_SB03	BJ_SB03_0.2	Soil	5/11/2013	-	No	-
BJ_SB04	BJ_SB04_0.2	soil	5/11/2013	-	No	-
BJ_SB05	BJ_SB05_0.2	soil	5/11/2013	-	No	-
BJ_SB06	BJ_SB06_0.2	Soil	31/10/2013	-	No	-
BJ_SB07	BJ_SB07_0.2	Soil	31/10/2013	-	No	-
BJ_SB08	BJ_SB08_0.2	Soil	4/11/2013	-	No	-
BJ_SB09	BJ_SB09_0.2	soil	5/11/2013	-	No	-
BJ_SB10	BJ_SB10_0.2	Soil	31/10/2013	-	No	-
BJ_SB11	BJ_SB11_0.2	Soil	31/10/2013	-	No	-
BJ_SB12	BJ_SB12_0.2	Soil	4/11/2013	-	No	-
BJ_SB13	BJ_SB13_0.2	Soil	31/10/2013	-	No	-
BJ_SB14	BJ_SB14_0.2	Soil	4/11/2013	-	No	-
BJ_SB15	BJ_SB15_0.2	Soil	4/11/2013	-	No	-
BJ_SB16	BJ_SB16_0.2	Soil	31/10/2013	-	No	-
BJ_SB17	BJ_SB17_0.2	Soil	31/10/2013	-	No	-
BK_MW01	BK_MW01_0.1	Soil	5/11/2013	-	No	-
BK_MW02	BK_MW02_0.1	Soil	5/11/2013	-	No	-
BK_SB01	BK_SB01_0.2	Soil	6/11/2013	-	No	-
BK_SB02	BK_SB02_0.2	Soil	6/11/2013	-	No	-
BK_SB03	BK_SB03_0.2	Soil	6/11/2013	-	No	-
BK_SB04	BK_SB04_0.2	Soil	6/11/2013	-	No	-
BK_SB05	BK_SB05_0.2	Soil	6/11/2013	-	No	-
BL_MW01	BL_MW01_1.5	Soil	20/11/2013	-	No	-
BL_MW02	BL_MW02_0.2	Soil	25/11/2013	-	No	-
BL_MW03	BL_MW03_0.25	Soil	26/11/2013	-	No	-
BL_MW04	BL_MW04_0.25	Soil	25/11/2013	-	No	-
BL_MW05	BL_MW05_0.1	Soil	20/11/2013	-	No	-
BL_MW06	BL_MW06_0.25	Soil	20/11/2013	-	No	-
BL_SB01	BL_SB01_0.25	Soil	25/11/2013	-	No	-
BL_SB02	BL_SB02_0.5	Soil	25/11/2013	-	No	-
BL_SB03	BL_SB03_0.1	Soil	14/11/2013	-	No	-
BL_SB04	BL_SB04_0.5	Soil	20/11/2013	-	No	-

			Asbestos		
			Asbestos fibres	Asbestos Detected	Asbestos Type
			%w/w	Text	--
EQL			0.0001	-	-
Human Health - Asbestos			0.001[#1]	No asbestos present at surface [#2]	
Location Code	**Sample ID**	**Matrix_Type**	**Sample Date**			
BL_SB05	BL_SB05_0.5	Soil	20/11/2013	-	No	-
BL_SB06	BL_SB06_0.5	Soil	25/11/2013	-	No	-
BL_SB07	BL_SB07_0.25	Soil	25/11/2013	-	No	-
BM_MW01	BM_MW01_0.2	soil	6/12/2013	-	No	-
BM_MW02	BM_MW02_0.1	soil	6/12/2013	-	No	-
BM_MW02	BM_MW02_0.5	soil	6/12/2013	-	No	-
BM_MW03	BM_MW03_0.2	soil	6/12/2013	-	No	-
BM_MW04	BM_MW04_0.5	Soil	4/12/2013	-	No	-
BM_MW05	BM_MW05_0.2	soil	6/12/2013	-	No	-
BM_MW05	BM_MW05_1.5	soil	6/12/2013	-	No	-
BM_MW06	BM_MW06_0.1	Soil	4/12/2013	-	No	-
BM_SB01	BM_SB01_0.5	Soil	4/12/2013	-	No	-
BM_SB01	BM_SB01_0.8	soil	6/12/2013	-	No	-
BM_SB01	BM_SB01_1.5	Soil	4/12/2013	-	No	-
BM_SB02	BM_SB02_0.5	Soil	4/12/2013	-	No	-
BM_SB03	BM_SB03_0.5	Soil	4/12/2013	-	No	-
BM_SB04	BM_SB04_0.5	Soil	4/12/2013	-	No	-
BM_SB05	BM_SB05_0.5	Soil	4/12/2013	-	No	-
BM_SB06	BM_SB06_0.1	Soil	4/12/2013	-	No	-
BM_SB07	BM_SB07_0.5	Soil	4/12/2013	-	No	-
BM_SB08	BM_SB08_0.5	Soil	4/12/2013	-	No	-
BM_SB09	BM_SB09_0.5	Soil	4/12/2013	-	No	-
BN_MW01	BN_MW01_0.2	Soil	5/11/2013	-	No	-
BN_MW02	BN_MW02_0.2	Soil	5/11/2013	-	No	-
BN_MW03	BN_MW03_0.2	Soil	5/11/2013	-	No	-
BP_MW01	BP_MW01_0.25	Soil	26/11/2013	-	No	-
BP_MW03	BP_MW03_0.5	Soil	26/11/2013	-	No	-
BP_MW06	BP_MW06_0.2	Soil	25/11/2013	-	No	-
BQ_MW01	BQ_MW01_0.1	Soil	14/11/2013	-	No	-
BQ_MW02	BQ_MW02_0.2	Soil	14/11/2013	-	No	-
BQ_MW03	BQ_MW03_0.2	Soil	14/11/2013	-	No	-
BQ_MW04	BQ_MW04_0.2	Soil	14/11/2013	-	No	-
BQ_MW05	BQ_MW05_0.2	Soil	14/11/2013	-	No	-
BQ_MW06	BQ_MW06_0.2	Soil	14/11/2013	-	No	-
BQ_MW07	BQ_MW07_0.2	Soil	14/11/2013	-	No	-
BQ_MW08	BQ_MW08_0.5	Soil	13/11/2013	-	No	-
BQ_MW12	BQ_MW12_0.2	Soil	14/11/2013	-	No	-
BQ_MW13	BQ_MW13_0.2	Soil	13/11/2013	-	No	-
BQ_SU01	BQ_SU01_0.0	Soil	26/11/2013	-	No	-
BQ_SU02	BQ_SU02_0.0	Soil	26/11/2013	-	No	-
BQ_SU03	BQ_SU03_0.0	Soil	26/11/2013	-	No	-
BQ_SU04	BQ_SU04_0.0	Soil	26/11/2013	-	No	-
BQ_SU05	BQ_SU05_0.0	Soil	26/11/2013	-	No	-
BQ_SU06	BQ_SU06_0.0	Soil	26/11/2013	0.0003	Yes	Chrysotile
BQ_SU07	BQ_SU07_0.0	Soil	26/11/2013	-	No	-
BQ_SU08	BQ_SU08_0.0	Soil	26/11/2013	0.002	Yes	Chrysotile and Amosite
BQ_SU09	BQ_SU09_0.0	Soil	26/11/2013	0.002	Yes	Chrysotile
BQ_SU10	BQ_SU10_0.0	Soil	26/11/2013	0.001	Yes	Chrysotile
BQ_SU11	BQ_SU11_0.0	Soil	26/11/2013	-	No	-
BQ_SU12	BQ_SU12_0.0	Soil	26/11/2013	-	No	-
BQ_SU13	BQ_SU13_0.0	Soil	26/11/2013	-	No	-
BQ_SU14	BQ_SU14_0.0	Soil	26/11/2013	-	No	-
BQ_SU15	BQ_SU15_0.0	Soil	26/11/2013	0.008	Yes	Chrysotile
BQ_SU16	BQ_SU16_0.0	Soil	26/11/2013	0.2	Yes	Chrysotile
BQ_SU17	BQ_SU17_0.0	Soil	26/11/2013	0.008	Yes	Chrysotile
BQ_SU18	BQ_SU18_0.0	Soil	26/11/2013	0.008	Yes	Chrysotile
BQ_SU19	BQ_SU19_0.0	Soil	26/11/2013	0.004	Yes	Chrysotile
BQ_SU20	BQ_SU20_0.0	Soil	26/11/2013	0.003	Yes	Chrysotile
BQ_SU21	BQ_SU21_0.0	Soil	26/11/2013	0.01	Yes	Chrysotile
BQ_SU22	BQ_SU22_0.0	Soil	26/11/2013	-	No	-
BQ_SU23	BQ_SU23_0.0	Soil	26/11/2013	-	No	-
BQ_SU24	BQ_SU24_0.0	Soil	26/11/2013	0.02	Yes	Chrysotile and Amosite
BQ_SU25	BQ_SU25_0.0	Soil	26/11/2013	0.01	Yes	Chrysotile
BQ_SU26	BQ_SU26_0.0	Soil	26/11/2013	0.014	Yes	Chrysotile
BQ_SU27	BQ_SU27_0.0	Soil	26/11/2013	0.01	Yes	Chrysotile and Amosite
BQ_SU28	BQ_SU28_0.0	Soil	26/11/2013	0.006	Yes	Chrysotile
BQ_SU29	BQ_SU29_0.0	Soil	26/11/2013	-	No	-
BQ_SU30	BQ_SU30_0.0	Soil	26/11/2013	-	No	-
BQ_SU31	BQ_SU31_0.0	Soil	26/11/2013	-	No	-
BQ_SU32	BQ_SU32_0.0	Soil	26/11/2013	-	No	-
BS_MW01	BS_MW01_0.2	Soil	1/11/2013	-	No	-
BS_MW02	BS_MW02_0.2	Soil	31/10/2013	-	No	-
BS_SB02	BS_SB02_0.2	Soil	31/10/2013	-	No	-
BT_MW01	BT_MW01_0.2	Soil	11/11/2013	-	No	-
BT_SB01	BT_SB01_0.1	Soil	5/11/2013	-	No	-
BT_SB02	BT_SB02_0.1	Soil	5/11/2013	-	No	-
BU_MW01	BU_MW01_0.5	SOIL	26/11/2013	-	No	-
BU_MW02	BU_MW02_0.5	SOIL	26/11/2013	-	No	-
BU_MW03	BU_MW03_0.5	SOIL	26/11/2013	-	No	-
BU_SB01	BU_SB01_0.5	SOIL	26/11/2013	-	No	-
BU_SB02	BU_SB02_0.5	SOIL	26/11/2013	-	No	-
BV_MW01	BV_MW01_0.1	Soil	25/11/2013	-	No	-
BV_MW01	BV_MW01_0.5	Soil	26/11/2013	-	No	-
BV_MW02	BV_MW02_0.1	Soil	11/11/2013	-	No	-
BV_MW02	BV_MW02_0.5	Soil	26/11/2013	-	No	-
BV_MW03	BV_MW03_0.3	Soil	11/11/2013	-	No	-
BV_MW03	BV_MW03_0.5	Soil	26/11/2013	-	No	-
BV_MW04	BV_MW04_0.5	Soil	11/11/2013	-	No	-
BV_MW05	BV_MW05_0.2	Soil	11/11/2013	-	No	-

				Asbestos		
				Asbestos fibres	Asbestos Detected	Asbestos Type
				%w/w	Text	--
EQL				0.0001	-	-
Human Health - Asbestos				0.001[#1]	No asbestos present at surface [#2]	
Location Code	**Sample ID**	**Matrix_Type**	**Sample Date**			
BV_MW06	BV_MW06_0.5	Soil	11/11/2013	-	No	-
BV_MW07	BV_MW07_0.1	Soil	13/11/2013	-	No	-
BV_MW08	BV_MW08_0.2	Soil	12/11/2013	-	No	-
BV_MW09	BV_MW09_0.5	Soil	11/11/2013	-	No	-
BV_MW10	BV_MW10_0.1	Soil	12/11/2013	-	No	-
BV_MW11	BV_MW11_0.1	Soil	13/11/2013	-	No	-
BV_MW12	BV_MW12_0.5	Soil	12/11/2013	-	No	-
BV_MW13	BV_MW13_0.5	Soil	25/11/2013	-	No	-
BV_SB01	BV_SB01_0.5	Soil	11/11/2013	-	No	-
BV_SB02	BV_SB02_0.1	Soil	13/11/2013	-	No	-
BV_SB02	BV_SB02_0.5	Soil	26/11/2013	-	No	-
BV_SB03	BV_SB03_0.1	Soil	13/11/2013	-	No	-
BV_SB04	BV_SB04_0.1	Soil	11/11/2013	-	No	-
BV_SB05	BV_SB05_0.5	Soil	20/11/2013	-	No	-
BV_SB06	BV_SB06_0.2	Soil	12/11/2013	-	No	-
BV_SB07	BV_SB07_0.25	Soil	25/11/2013	-	No	-
BV_SB08	BV_SB08_0.1	Soil	13/11/2013	-	No	-
BV_SB09	BV_SB09_0.1	Soil	12/11/2013	-	No	-
BX_MW01	BX_MW01_0.5	Soil	26/11/2013	-	No	-
BX_MW02	BX_MW02_0.5	Soil	26/11/2013	-	No	-
BX_MW03	BX_MW03_0.2	Soil	14/11/2013	-	No	-
BX_MW04	BX_MW04_0.15	Soil	26/11/2013	-	No	-
BY_MW20	BY_MW20_0.2	Soil	14/11/2013	-	No	-
BY_MW21	BY_MW21_0.2	Soil	14/11/2013	-	No	-

Statistical Summary

Number of Results	17	202	17
Number of Detects	17	17	17
Minimum Concentration	0.0003	-	-
Minimum Detect	0.0003	-	-
Maximum Concentration	0.2	-	-
Maximum Detect	0.2	-	-
Average Concentration	0.018	-	-
Median Concentration	0.008	-	-
Standard Deviation	0.047	-	-
Number of Guideline Exceedances	16	17	-
Number of Guideline Exceedances(Detects Only)	16	17	-

Comments

#1 ASC NEPM (2013) Health Screening Level for Asbestos in Soil - FA and AF (Friable Asbestos and Asbestos Fines)

#2 ASC NEPM (2013) Health Screening Level for Asbestos in Soil (visible asbestos in surface soil)

Table 5a. AEC BA Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BA_EW_MW01	BA_EW_MW01	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BA_MW01	BA_MW01	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BA_MW03	BA_MW03	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration		0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	3
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					Halogenated Phenols						Inorganics										MAH									
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	1	1	1	1	1	2	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m																																										
Vapour Intrusion - Commercial Worker - 4-<8 m																																										
Vapour Intrusion - Commercial Worker - 8 m+																																										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																										
Drinking Water													1[#3]	1[#3]																												30[#3]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]											3[#9]	120[#9]		340[#9]	3.6[#9]																			
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]					200[#4]	2000[#4]		3000[#4]	100[#4]																		300[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																							
BA_EW_MW01	BA_EW_MW01	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	90	139	90	<1	142	1980	0.9	1540	3930	<5	<5	<5	<5	<5	<5	<5	<5	<5
BA_MW01	BA_MW01	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	45	145	45	<1	148	2000	1.15	1550	4220	<5	<5	<5	<5	<5	<5	<5	<5	<5
BA_MW03	BA_MW03	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	48	141	48	<1	143	1910	0.78	1680	4140	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																																										
Number of Results				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	3	3	3	3	3	0	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	45	139	45	<1	142	1910	0.78	1540	3930	<5	<5	<5	<5	<5	<5	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45	139	45	ND	142	1910	0.78	1540	3930	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	90	145	90	<1	148	2000	1.15	1680	4220	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	90	145	90	ND	148	2000	1.15	1680	4220	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	0.5	0.5	0.5	0.5	0.5	1	500	61	142	61	0.5	144	1963	0.94	1590	4097	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	0.5	0.5	0.5	0.5	0.5	1	500	48	141	48	0.5	143	1980	0.9	1550	4140	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	3.1	25	0	3.2	47	0.19	78	150	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				3	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Lead	Metals																																
	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4-dimethylphenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1	1	1	2	1	1	1	1	1	0.5
Vapour Intrusion - Commercial Worker - 2-<4 m																														
Vapour Intrusion - Commercial Worker - 4-<8 m																														
Vapour Intrusion - Commercial Worker - 8 m+																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																														
Drinking Water	0.01[#3]	0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]													0.01[#3]
Ecological (Freshwater)	0.0034[#10]				0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]										
Recreational	0.1[#4]	0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]													0.1[#4]
Location Code **Field ID** **Matrix Type** **Sampled Date**																														
BA_EW_MW01 BA_EW_MW01 WATER 11-Dec-13	0.0002	0.0016	0.036	<0.0001	3.32	0.00023	655	<0.0002	0.0084	0.0026	500	3.22	<0.0001	0.0014	0.0599	47	0.0013	0.0001	0.0003	0.021	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5
BA_MW01 BA_MW01 WATER 11-Dec-13	0.0043	0.0009	0.0154	<0.0001	1.93	0.00193	553	<0.0002	0.0192	0.004	641	2.46	<0.0001	0.0003	0.122	32	0.0005	0.0003	0.0005	0.06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5
BA_MW03 BA_MW03 WATER 11-Dec-13	0.0006	0.0005	0.0185	0.0001	0.787	0.0021	542	<0.0002	0.0654	0.0026	509	3.2	<0.0001	0.0004	0.216	50	0.0003	0.00021	0.0004	0.099	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5
Statistical Summary																														
Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	3	3	3	1	3	3	3	0	3	3	3	3	0	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.0002	0.0005	0.0154	<0.0001	0.787	0.00023	542	<0.0002	0.0084	0.0026	500	2.46	<0.0001	0.0003	0.0599	32	0.0003	0.0001	0.0003	0.021	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5
Minimum Detect	0.0002	0.0005	0.0154	0.0001	0.787	0.00023	542	ND	0.0084	0.0026	500	2.46	ND	0.0003	0.0599	32	0.0003	0.0001	0.0003	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0043	0.0016	0.036	0.0001	3.32	0.0021	655	<0.0002	0.0654	0.004	641	3.22	<0.0001	0.0014	0.216	50	0.0013	0.0003	0.0005	0.099	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5
Maximum Detect	0.0043	0.0016	0.036	0.0001	3.32	0.0021	655	ND	0.0654	0.004	641	3.22	ND	0.0014	0.216	50	0.0013	0.0003	0.0005	0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0017	0.001	0.023	0.000067	2	0.0014	583	0.0001	0.031	0.0031	550	3	0.00005	0.0007	0.13	43	0.0007	0.0002	0.0004	0.06	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25
Median Concentration	0.0006	0.0009	0.0185	0.00005	1.93	0.00193	553	0.0001	0.0192	0.0026	509	3.2	0.00005	0.0004	0.122	47	0.0005	0.00021	0.0004	0.06	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25
Standard Deviation	0.0023	0.00056	0.011	0.000029	1.3	0.001	62	0	0.03	0.00081	79	0.43	0	0.00061	0.079	9.6	0.00053	0.0001	0.0001	0.039	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	1	0	0	0	3	3	0	0	0	3	0	3	3	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Number of Guideline Exceedances(Detects Only)	1	0	0	0	3	3	0	0	0	3	0	3	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				PAH/Phenols														Solvents					TRH												VOCs		
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	1	0.5	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m												NL[#7]										6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m												NL[#6]										6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+												NL[#5]										7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+												NL[#8]										NL[#8]	NL[#8]													
Drinking Water																																				
Ecological (Freshwater)												16[#10]			320[#10]																					
Recreational																																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BA_EW_MW01	BA_EW_MW01	WATER	11-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BA_MW01	BA_MW01	WATER	11-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BA_MW03	BA_MW03	WATER	11-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																																				
Number of Results				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																														
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																										
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]							30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BB_MW01	BB_MW01	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BB_MW02	BB_MW02	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BB_MW03	BB_MW03	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BB_MW04	BB_MW04	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BB_MW05	BB_MW05	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																						
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	5
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

											Halogenated Benzenes										Halogenated Hydrocarbons					Inorganics										MAH								
											1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											5	5	5	5	5	5	5	5	5	5	50	50	5	50	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m																																										
Vapour Intrusion - Commercial Worker - 4-<8 m																																										
Vapour Intrusion - Commercial Worker - 8 m+																																										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																										
Drinking Water																					1[#3]	1[#3]																				30[#3]	
Ecological (Freshwater)											3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																											
Recreational											5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]																				300[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																					
BB_MW01	BB_MW01	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	944	1560	944	<1	1630	31,800	2.39	21,700	30,700	<5	<5	<5	<5	<5	<5	<5	<5	<5
BB_MW02	BB_MW02	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	1110	1840	1110	<1	1940	39,100	2.84	26,200	34,200	<5	<5	<5	<5	<5	<5	<5	<5	<5
BB_MW03	BB_MW03	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	694	375	694	<1	400	9890	3.27	4660	3940	<5	<5	<5	<5	<5	<5	<5	<5	<5
BB_MW04	BB_MW04	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	190	<1	<1	161	4070	8.18	1840	3600	<5	<5	<5	<5	<5	<5	<5	<5	<5
BB_MW05	BB_MW05	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	761	362	761	<1	387	7620	3.42	4880	6310	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																																										
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	4	0	5	5	5	5	5	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	190	<1	<1	161	4070	2.39	1840	3600	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	694	190	694	ND	161	4070	2.39	1840	3600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	1110	1840	1110	<1	1940	39100	8.18	26200	34200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1110	1840	1110	ND	1940	39100	8.18	26200	34200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	702	865	702	0.5	904	18496	4	11856	15750	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	761	375	761	0.5	400	9890	3.27	4880	6310	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	424	772	424	0	818	15827	2.4	11219	15331	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Lead	Metals																														
				Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.0001	0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1
Vapour Intrusion - Commercial Worker - 2-<4 m																																			
Vapour Intrusion - Commercial Worker - 4-<8 m																																			
Vapour Intrusion - Commercial Worker - 8 m+																																			
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																			
Drinking Water				0.01[#3]	0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]															
Ecological (Freshwater)				0.0034[#10]				0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]				
Recreational				0.1[#4]	0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]					200[#4]	2000[#4]			3000[#4]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BB_MW01	BB_MW01	WATER	05-Dec-13	0.0899	0.0069	0.053	<0.0002	<0.2	0.0019	644	<0.001	0.101	0.023	7910	30.9	<0.0001	0.0031	0.976	200	0.013	0.001	0.0063	0.043	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BB_MW02	BB_MW02	WATER	05-Dec-13	0.0243	0.0098	0.074	<0.0002	<0.2	0.0005	625	<0.001	0.0571	0.017	9340	21	<0.0001	0.0052	0.857	232	0.019	0.007	0.0061	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BB_MW03	BB_MW03	WATER	05-Dec-13	0.0049	0.0006	0.043	<0.0001	<0.1	0.0032	1120	<0.0005	0.0258	0.003	1680	1.01	<0.0001	0.0004	0.256	134	0.002	0.0008	0.0005	0.024	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BB_MW04	BB_MW04	WATER	05-Dec-13	0.0052	0.0057	0.0412	0.0164	0.129	0.0289	656	0.0014	1.82	0.0141	520	16.7	<0.0001	0.0002	2.39	36	0.019	0.00129	0.0017	5.78	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BB_MW05	BB_MW05	WATER	05-Dec-13	0.0016	0.001	0.03	<0.0001	0.173	0.0004	512	<0.0005	0.0111	0.003	1800	6.34	<0.0001	0.0029	0.3	52	<0.002	0.0002	0.0026	0.018	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Statistical Summary																																			
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				5	5	5	1	2	5	5	1	5	5	5	5	0	5	5	5	4	5	5	5	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				0.0016	0.0006	0.03	<0.0001	<0.1	0.0004	512	<0.0005	0.0111	0.003	520	1.01	<0.0001	0.0002	0.256	36	<0.002	0.0002	0.0005	0.018	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Minimum Detect				0.0016	0.0006	0.03	0.0164	0.129	0.0004	512	0.0014	0.0111	0.003	520	1.01	ND	0.0002	0.256	36	0.002	0.0002	0.0005	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.0899	0.0098	0.074	0.0164	<0.2	0.0289	1120	0.0014	1.82	0.023	9340	30.9	<0.0001	0.0052	2.39	232	0.019	0.007	0.0063	5.78	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Maximum Detect				0.0899	0.0098	0.074	0.0164	0.173	0.0289	1120	0.0014	1.82	0.023	9340	30.9	ND	0.0052	2.39	232	0.019	0.007	0.0063	5.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.025	0.0048	0.048	0.0033	0.11	0.007	711	0.00058	0.4	0.012	4250	15	0.00005	0.0024	0.96	131	0.011	0.0021	0.0034	1.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5
Median Concentration				0.0052	0.0057	0.043	0.0001	0.1	0.0019	644	0.0005	0.0571	0.0141	1800	16.7	0.00005	0.0029	0.857	134	0.013	0.001	0.0026	0.031	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5
Standard Deviation				0.037	0.0039	0.017	0.0073	0.045	0.012	235	0.00048	0.79	0.0088	4057	12	0	0.0021	0.86	87	0.0088	0.0028	0.0026	2.6	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				4	0	0	0	0	5	0	0	0	5	0	4	5	0	5	0	3	0	0	5	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				4	0	0	0	0	5	0	0	0	5	0	4	0	0	5	0	3	0	0	5	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
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#10 ANZECC 2000 Freshwater for the protection of 95% of species

					PAH/Phenols																	Solvents					TRH											VOCs		
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL					1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m																		NL[#7]										6000[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m																		NL[#6]										6000[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+																		NL[#5]										7000[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																		NL[#8]										NL[#8]	NL[#8]													
Drinking Water									0.01[#3]																																	
Ecological (Freshwater)																		16[#10]		3.6[#9]		320[#10]																				
Recreational									0.1[#4]											100[#4]																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																						
BB_MW01	BB_MW01	WATER	05-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BB_MW02	BB_MW02	WATER	05-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	470	<50	470 - 520	400	<0.1	0.4	<0.1	<0.02	<5	<5	<5
BB_MW03	BB_MW03	WATER	05-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	440	<50	440 - 490	380	<0.1	0.38	<0.1	<0.02	<5	<5	<5
BB_MW04	BB_MW04	WATER	05-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BB_MW05	BB_MW05	WATER	05-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																																									
Number of Results					5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2	0	0	0	0	0
Minimum Concentration					<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	440	ND	440	380	ND	0.38	ND	ND	ND	ND	ND
Maximum Concentration					<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<20	<0.1	<20	<50	470	<50	520	400	<0.1	0.4	<0.1	<0.02	<5	<5	<5
Maximum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	470	ND	520	400	ND	0.4	ND	ND	ND	ND	ND
Average Concentration					0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	8	0.05	10	25	212	25	207	186	0.05	0.19	0.05	0.01	2.5	2.5	2.5
Median Concentration					0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	10	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.5	0	0	0	222	0	249	186	0	0.19	0	0	0	0	0
Number of Guideline Exceedances					0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

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#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]					3[#3]									4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]					30[#4]						30[#4]		19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Cod	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BC_MW05	BC_MW05	WATER	18-Dec-13	<0.5	1	<2	<2	<2	<2	<2	0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	1	<2	<2	<2	<2	<2	0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	1	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	1	<2	<2	<2	<2	<2	0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	1	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																					
Median Concentration	0.25	1	1	1	1	1	1	0.001	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation																																					
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					MAH										Lead	Metals							
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water													1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Cod	**Field ID**	**Matrix Type**	**Sampled Date**																															
BC_MW05	BC_MW05	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0008	0.0057	<0.00005	<0.0002	0.0029	<0.0001	0.0169	0.016
Statistical Summary																																		
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0008	0.0057	<0.00005	<0.0002	0.0029	<0.0001	0.0169	0.016
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008	0.0057	ND	ND	0.0029	ND	0.0169	0.016
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0008	0.0057	<0.00005	<0.0002	0.0029	<0.0001	0.0169	0.016
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008	0.0057	ND	ND	0.0029	ND	0.0169	0.016
Average Concentration																																		
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0008	0.0057	0.000025	0.0001	0.0029	0.00005	0.0169	0.016
Standard Deviation																																		
Number of Guideline Exceedances				1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreation
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of specie
#10 ANZECC 2000 Freshwater for the protection of 95% of speci

				PAH/Phenols																												Solvents				
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]										
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]										
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]										
Drinking Water																		0.01[#3]																			
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]						
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]									
Location Cod	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BC_MW05	BC_MW05	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5 - 1.2	1.2	<2	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																					
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	5	1.2	<2	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	1.2	1.2	<2	<1	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																					
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.85	1.2	1	0.5	0.5	0.5	25	25	25	2.5	25
Standard Deviation																																					
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreation
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of specie
#10 ANZECC 2000 Freshwater for the protection of 95% of speci

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m	6 [#7]	NL [#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m	6 [#6]	NL [#6]													
Vapour Intrusion - Commercial Worker - 8 m+	7 [#5]	NL [#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+	NL [#8]	NL [#8]													
Drinking Water															
Ecological (Freshwater)															
Recreational															
Location Cod	**Field ID**	**Matrix Type**	**Sampled Date**												
BC_MW05	BC_MW05	WATER	18-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary															
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																		
Median Concentration				0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation																		
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Comme
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of specie
#10 ANZECC 2000 Freshwater for the protection of 95% of speci

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																															
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																															
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																															
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																										
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BD_EW_MW01	BD_EW_MW01	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BD_EW_MW02	BD_EW_MW02	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BD_EW_MW03	BD_EW_MW03	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BD_EW_MW04	BD_EW_MW04	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																						
Number of Results	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	4
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals								
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	0.0002	0.0001	0.0005	0.0005
Vapour Intrusion - Commercial Worker - 2-<4 m																																	
Vapour Intrusion - Commercial Worker - 4-<8 m																																	
Vapour Intrusion - Commercial Worker - 8 m+																																	
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																	
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]				0.002[#3]	0.05[#3]		2[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BD_EW_MW01	BD_EW_MW01	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0005	0.0022	0.0277	<0.0001	0.176	0.00027	0.0002	0.089	0.0006	9.73
BD_EW_MW02	BD_EW_MW02	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0004	0.0017	0.0126	0.0003	0.173	0.00019	0.0021	0.176	0.0016	4.54
BD_EW_MW03	BD_EW_MW03	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002	0.0016	0.0258	<0.0001	0.197	0.00041	0.0002	0.0794	0.0011	11.8
BD_EW_MW04	BD_EW_MW04	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003	0.0053	0.0381	0.0001	0.141	0.00012	0.0011	0.177	0.0006	12.7
Statistical Summary																																		
Number of Results	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	2	4	4	4	4	4	4	4
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002	0.0016	0.0126	<0.0001	0.141	0.00012	0.0002	0.0794	0.0006	4.54
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0002	0.0016	0.0126	0.0001	0.141	0.00012	0.0002	0.0794	0.0006	4.54
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0005	0.0053	0.0381	0.0003	0.197	0.00041	0.0021	0.177	0.0016	12.7
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0053	0.0381	0.0003	0.197	0.00041	0.0021	0.177	0.0016	12.7
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.00035	0.0027	0.026	0.00013	0.17	0.00025	0.0009	0.13	0.00098	9.7
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.00035	0.00195	0.02675	0.000075	0.1745	0.00023	0.00065	0.1325	0.00085	10.765
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00013	0.0018	0.01	0.00012	0.023	0.00012	0.00091	0.053	0.00048	3.7
Number of Guideline Exceedances	4	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	4
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	4

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5d. AEC BD Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

								PAH/Phenols																												
	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0001	0.0005	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																															NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																															NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																															NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															NL[#8]					
Drinking Water	0.001[#3]		0.02[#3]	0.01[#3]																		0.01[#3]														
Ecological (Freshwater)	0.00006[#9]		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational	0.01[#4]		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]			
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BD_EW_MW01	BD_EW_MW01	WATER	29-Nov-13	<0.0001	0.0005	0.0796	0.0018	0.00086	0.0004	0.021	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BD_EW_MW02	BD_EW_MW02	WATER	29-Nov-13	<0.0001	<0.0001	0.193	0.0018	0.0004	0.0003	0.357	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BD_EW_MW03	BD_EW_MW03	WATER	29-Nov-13	<0.0001	0.0003	0.0522	0.0013	0.00069	0.0003	0.015	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BD_EW_MW04	BD_EW_MW04	WATER	29-Nov-13	<0.0001	0.0003	0.12	0.0033	0.00049	0.0009	0.057	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Statistical Summary																																				
Number of Results	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	3	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.0001	<0.0001	0.0522	0.0013	0.0004	0.0003	0.015	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Minimum Detect	ND	0.0003	0.0522	0.0013	0.0004	0.0003	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.0001	0.0005	0.193	0.0033	0.00086	0.0009	0.357	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Maximum Detect	ND	0.0005	0.193	0.0033	0.00086	0.0009	0.357	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.00005	0.00029	0.11	0.0021	0.00061	0.00048	0.11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Median Concentration	0.00005	0.0003	0.0998	0.0018	0.00059	0.00035	0.039	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Standard Deviation	0	0.00018	0.061	0.00087	0.00021	0.00029	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	4	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Solvents							TRH										VOCs		
	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m						6 [#7]	NL [#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m						6 [#6]	NL [#6]													
Vapour Intrusion - Commercial Worker - 8 m+						7 [#5]	NL [#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+						NL [#8]	NL [#8]													
Drinking Water																				
Ecological (Freshwater)																				
Recreational																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BD_EW_MW01	BD_EW_MW01	WATER	29-Nov-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BD_EW_MW02	BD_EW_MW02	WATER	29-Nov-13	<50	<50	<50	<5	<50	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BD_EW_MW03	BD_EW_MW03	WATER	29-Nov-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BD_EW_MW04	BD_EW_MW04	WATER	29-Nov-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5e. AEC BE Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BE_MW01	BE_MW01	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW02	BE_MW02	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW03	BE_MW03	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW04	BE_MW04	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW05	BE_MW05	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW06	BE_MW06	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW07	BE_MW07	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BE_MW08	BE_MW08	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8	0	0	0	0	8
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals						
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																															
Vapour Intrusion - Commercial Worker - 4-<8 m																															
Vapour Intrusion - Commercial Worker - 8 m+																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																													
BE_MW01	BE_MW01	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0168	0.0028	<0.00005	<0.0002	0.0026	<0.0001	0.0138	0.023
BE_MW02	BE_MW02	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0194	0.0083	0.00016	<0.0002	0.0038	<0.0001	0.0461	0.03
BE_MW03	BE_MW03	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0252	0.0022	0.00483	0.0008	0.0108	<0.0001	0.875	2.61
BE_MW04	BE_MW04	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0052	0.0004	0.00023	<0.0002	0.0005	<0.0001	0.0211	0.005
BE_MW05	BE_MW05	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003	0.0009	<0.00005	<0.0002	0.0019	<0.0001	0.0187	0.012
BE_MW06	BE_MW06	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003	0.0017	<0.00005	<0.0002	0.0021	<0.0001	0.0077	0.007
BE_MW07	BE_MW07	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0008	0.0016	<0.00005	<0.0002	0.0021	<0.0001	0.0065	0.014
BE_MW08	BE_MW08	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0042	0.0095	0.00136	0.001	0.0061	<0.0001	0.344	0.697
Statistical Summary																																
Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	4	2	8	0	8	8
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003	0.0004	<0.00005	<0.0002	0.0005	<0.0001	0.0065	0.005
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	0.0004	0.00016	0.0008	0.0005	ND	0.0065	0.005
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0252	0.0095	0.00483	0.001	0.0108	<0.0001	0.875	2.61
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0252	0.0095	0.00483	0.001	0.0108	ND	0.875	2.61
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.009	0.0034	0.00084	0.0003	0.0037	0.00005	0.17	0.42
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0047	0.00195	0.0000925	0.0001	0.00235	0.00005	0.0199	0.0185
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0099	0.0035	0.0017	0.00037	0.0033	0	0.31	0.91
Number of Guideline Exceedances	8	0	0	0	0	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	5	0	3	0	7	8	6	6
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	3	0	7	0	6	6

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	PAH/Phenols																												Solvents				
	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																								NL[#7]										
Vapour Intrusion - Commercial Worker - 4-<8 m																								NL[#6]										
Vapour Intrusion - Commercial Worker - 8 m+																								NL[#5]										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																								NL[#8]										
Drinking Water															0.01[#3]																			
Ecological (Freshwater)		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]						
Recreational		200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BE_MW01	BE_MW01	WATER	12-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW02	BE_MW02	WATER	12-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW03	BE_MW03	WATER	12-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW04	BE_MW04	WATER	04-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW05	BE_MW05	WATER	04-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW06	BE_MW06	WATER	04-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW07	BE_MW07	WATER	04-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BE_MW08	BE_MW08	WATER	05-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																			
Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Median Concentration	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m	6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m	6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+	7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+	NL[#8]	NL[#8]													
Drinking Water															
Ecological (Freshwater)															
Recreational															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**													
BE_MW01	BE_MW01	WATER	12-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW02	BE_MW02	WATER	12-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW03	BE_MW03	WATER	12-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW04	BE_MW04	WATER	04-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW05	BE_MW05	WATER	04-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW06	BE_MW06	WATER	04-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW07	BE_MW07	WATER	04-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BE_MW08	BE_MW08	WATER	05-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BF_MW01	BF_MW01	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BF_MW02	BF_MW02	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BF_MW03	BF_MW03	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BF_MW05	BF_MW05	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BF_MW09	BF_MW09	WATER	19-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	5
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals						
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																															
Vapour Intrusion - Commercial Worker - 4-<8 m																															
Vapour Intrusion - Commercial Worker - 8 m+																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																													
BF_MW01	BF_MW01	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0008	0.0078	<0.00005	<0.0002	<0.0005	<0.0001	0.0916	0.238
BF_MW02	BF_MW02	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0819	0.007	0.00006	0.0004	0.006	<0.0001	0.0291	0.244
BF_MW03	BF_MW03	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0006	0.112	<0.00005	0.0002	0.0037	<0.0001	0.0477	0.077
BF_MW05	BF_MW05	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0023	0.0344	0.00005	0.0009	0.0046	<0.0001	0.0811	0.039
BF_MW09	BF_MW09	WATER	19-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0026	0.0006	<0.00005	0.0047	0.0011	<0.0001	0.0022	0.028
Statistical Summary																																
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	2	4	4	0	5	5
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0006	0.0006	<0.00005	<0.0002	<0.0005	<0.0001	0.0022	0.028
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	0.0006	0.00005	0.0002	0.0011	ND	0.0022	0.028
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0819	0.112	0.00006	0.0047	0.006	<0.0001	0.0916	0.244
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0819	0.112	0.00006	0.0047	0.006	ND	0.0916	0.244
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.018	0.032	0.000037	0.0013	0.0031	0.00005	0.05	0.13
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0023	0.0078	0.000025	0.0004	0.0037	0.00005	0.0477	0.077
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.036	0.046	0.000017	0.0019	0.0024	0	0.037	0.11
Number of Guideline Exceedances	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	5	4	5
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	0	4	5

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				PAH/Phenols																												Solvents				
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]										
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]										
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]										
Drinking Water																		0.01[#3]																			
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]						
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BF_MW01	BF_MW01	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BF_MW02	BF_MW02	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BF_MW03	BF_MW03	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BF_MW05	BF_MW05	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BF_MW09	BF_MW09	WATER	19-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																					
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

			TRH											VOCs		
			C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
			mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL			0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m			6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m			6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+			7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+			NL[#8]	NL[#8]													
Drinking Water																	
Ecological (Freshwater)																	
Recreational																	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**														
BF_MW01	BF_MW01	WATER	18-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BF_MW02	BF_MW02	WATER	18-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BF_MW03	BF_MW03	WATER	18-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BF_MW05	BF_MW05	WATER	18-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BF_MW09	BF_MW09	WATER	19-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																	
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration				0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																								
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BG_MW01	BG_MW01	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW02	BG_MW02	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW03	BG_MW03	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW04	BG_MW04	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW05	BG_MW05	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW06	BG_MW06	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BG_MW07	BG_MW07	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																				
Number of Results	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7	0	0	0	7	0	0	0	0	7
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals								
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	0.0002	0.0001	0.0005	0.0005
Vapour Intrusion - Commercial Worker - 2-<4 m																																	
Vapour Intrusion - Commercial Worker - 4-<8 m																																	
Vapour Intrusion - Commercial Worker - 8 m+																																	
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																	
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]				0.002[#3]	0.05[#3]		2[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]
Recreational	5930[#4]	7430[#4]	1500[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]	

Location Code	Field ID	Matrix Type	Sampled Date																															
BG_MW01	BG_MW01	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0615	0.0099	0.036	0.0244	<0.1	0.0008	0.0056	0.393	0.045	1.34
BG_MW02	BG_MW02	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002	0.001	0.018	<0.0001	0.107	0.00056	<0.0002	0.505	0.0015	22.6
BG_MW03	BG_MW03	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.099	0.003	0.0974	<0.0001	0.098	0.00143	0.0006	0.179	0.0078	18.2
BG_MW04	BG_MW04	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0385	0.002	0.0532	<0.0001	0.727	0.00016	<0.0002	0.0206	0.0056	2.45
BG_MW05	BG_MW05	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0601	0.005	0.0501	0.0052	0.145	0.00121	0.005	0.508	0.0496	7.11
BG_MW06	BG_MW06	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0323	0.0096	0.025	0.0395	<0.1	0.0038	0.0081	0.577	0.107	0.423
BG_MW07	BG_MW07	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003	0.0047	-	-	-	<0.00005	0.0006	-	0.0012	-

Statistical Summary

Number of Results	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	7	7	6	7	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	6	3	4	6	5	6	7	6
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002	0.001	0.018	<0.0001	0.098	<0.00005	<0.0002	0.0206	0.0012	0.423
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0002	0.001	0.018	0.0052	0.098	0.00016	0.0006	0.0206	0.0012	0.423
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.099	0.0099	0.0974	0.0395	0.727	0.0038	0.0081	0.577	0.107	22.6
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.099	0.0099	0.0974	0.0395	0.727	0.0038	0.0081	0.577	0.107	22.6
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.042	0.005	0.047	0.012	0.2	0.0011	0.0029	0.36	0.031	8.7
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0385	0.0047	0.04305	0.002625	0.1025	0.0008	0.0006	0.449	0.0078	4.78
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.035	0.0035	0.028	0.017	0.26	0.0013	0.0033	0.22	0.039	9.5
Number of Guideline Exceedances	7	0	0	0	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	5	0	0	6	4
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	5	0	0	6	4

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

								PAH/Phenols																											
	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0001	0.0005	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																															NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																															NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																															NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															NL[#8]					
Drinking Water	0.001[#3]		0.02[#3]	0.01[#3]																		0.01[#3]														
Ecological (Freshwater)	0.00006[#9]		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational	0.01[#4]		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]			
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BG_MW01	BG_MW01	WATER	03-Dec-13	<0.0001	<0.0001	0.65	0.071	0.0006	0.0045	2.44	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW02	BG_MW02	WATER	03-Dec-13	<0.0001	0.0004	0.301	0.0003	0.00003	<0.0002	0.088	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW03	BG_MW03	WATER	03-Dec-13	<0.0001	0.001	0.162	0.0045	0.00079	0.0065	0.066	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW04	BG_MW04	WATER	03-Dec-13	<0.0001	0.0014	0.0203	0.0022	0.00013	0.0045	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW05	BG_MW05	WATER	03-Dec-13	<0.0001	0.0002	0.448	0.0091	0.00027	0.002	0.971	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW06	BG_MW06	WATER	03-Dec-13	<0.0001	<0.0001	0.908	0.06	0.0005	0.0075	2.75	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BG_MW07	BG_MW07	WATER	11-Dec-13	<0.0001	-	0.0266	-	-	-	0.044	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Statistical Summary																																					
Number of Results	7	6	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Number of Detects	0	4	7	6	6	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.0001	<0.0001	0.0203	0.0003	0.00003	<0.0002	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Minimum Detect	ND	0.0002	0.0203	0.0003	0.00003	0.002	0.031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.0001	0.0014	0.908	0.071	0.00079	0.0075	2.75	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Maximum Detect	ND	0.0014	0.908	0.071	0.00079	0.0075	2.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.00005	0.00052	0.36	0.025	0.00039	0.0042	0.91	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Median Concentration	0.00005	0.0003	0.301	0.0068	0.000385	0.0045	0.088	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Standard Deviation	0	0.00056	0.33	0.032	0.00029	0.0028	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	7	0	7	3	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	7	3	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		Polychlorinated Biphenyls	Solvents					TRH												VOCs		
		PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL		1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m								6 [#7]	NL [#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m								6 [#6]	NL [#6]													
Vapour Intrusion - Commercial Worker - 8 m+								7 [#5]	NL [#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+								NL [#8]	NL [#8]													
Drinking Water																						
Ecological (Freshwater)																						
Recreational																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BG_MW01	BG_MW01	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW02	BG_MW02	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW03	BG_MW03	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW04	BG_MW04	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW05	BG_MW05	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW06	BG_MW06	WATER	03-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BG_MW07	BG_MW07	WATER	11-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																						
Number of Results		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Number of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration		0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BH_MW01	BH_MW01	WATER	02-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW02	BH_MW02	WATER	02-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW03	BH_MW03	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW04	BH_MW04	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW05	BH_MW05	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW06	BH_MW06	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW07	BH_MW07	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BH_MW08	BH_MW08	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8	0	0	0	8	0	0	0	0	8
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

					Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics											MAH											Lead
					1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL					5	5	5	5	5	5	5	5	5	5	50	50	5	50	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																									
Vapour Intrusion - Commercial Worker - 4-<8 m																																									
Vapour Intrusion - Commercial Worker - 8 m+																																									
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																									
Drinking Water														1[#3]	1[#3]																						30[#3]		0.01[#3]
Ecological (Freshwater)					3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																														0.0034[#10]
Recreational					5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]																						300[#4]		0.1[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BH_MW01	BH_MW01	WATER	02-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	133	<1	<1	143	1060	3.55	1660	4950	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0078
BH_MW02	BH_MW02	WATER	02-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	204	140	204	<1	145	1070	1.75	1690	5070	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0072
BH_MW03	BH_MW03	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	88	175	88	<1	184	2780	2.44	2480	4550	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0624
BH_MW04	BH_MW04	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	385	183	385	<1	190	2610	1.88	2610	4890	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0034
BH_MW05	BH_MW05	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	334	70.2	334	<1	75.1	774	3.39	864	2000	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0003
BH_MW06	BH_MW06	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	213	58.3	213	<1	63	549	3.92	516	1850	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0006
BH_MW07	BH_MW07	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	31	59.9	31	<1	65.5	516	4.42	447	2150	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002
BH_MW08	BH_MW08	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	181	30.5	181	<1	32.7	350	3.52	351	816	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0319
Statistical Summary																																									
Number of Results				8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	7	0	8	8	8	8	8	0	0	0	0	0	0	0	0	0	8
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	30.5	<1	<1	32.7	350	1.75	351	816	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0002
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	30.5	31	ND	32.7	350	1.75	351	816	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0002
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	385	183	385	<1	190	2780	4.42	2610	5070	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0624
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	385	183	385	ND	190	2780	4.42	2610	5070	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0624
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	180	106	180	0.5	112	1214	3.1	1327	3285	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.014
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	192.5	101.6	192.5	0.5	109.05	917	3.455	1262	3350	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0053
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	59	136	0	60	950	0.97	912	1741	0	0	0	0	0	0	0	0	0	0.022
Number of Guideline Exceedances				8	0	0	0	0	0	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Metals																			PA
	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L
EQL	0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1
Vapour Intrusion - Commercial Worker - 2-<4 m																				
Vapour Intrusion - Commercial Worker - 4-<8 m																				
Vapour Intrusion - Commercial Worker - 8 m+																				
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																				
Drinking Water	0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]				
Ecological (Freshwater)				0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]	
Recreational	0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]				

Location Code	Field ID	Matrix Type	Sampled Date																																					
BH_MW01	BH_MW01	WATER	02-Dec-13	0.0034	0.0308	0.0025	0.028	0.0003	454	0.0056	0.142	0.0231	568	0.128	<0.0001	0.0002	0.159	47	0.0046	0.00016	0.0003	0.417	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW02	BH_MW02	WATER	02-Dec-13	0.0107	0.0413	0.0031	0.182	0.00137	462	0.0048	0.426	0.0379	572	6.88	<0.0001	0.0006	0.379	47	0.0105	0.00032	0.0029	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW03	BH_MW03	WATER	04-Dec-13	0.0013	-	-	-	0.00292	620	0.0003	-	0.0053	527	-	<0.0001	-	0.341	59	-	-	-	0.448	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW04	BH_MW04	WATER	04-Dec-13	0.0006	-	-	-	0.00038	586	<0.0002	-	0.003	565	-	<0.0001	-	0.0593	37	-	-	-	0.037	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW05	BH_MW05	WATER	04-Dec-13	0.0009	-	-	-	0.00012	228	<0.0002	-	0.0034	313	-	<0.0001	-	0.0504	15	-	-	-	0.014	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW06	BH_MW06	WATER	04-Dec-13	0.0004	-	-	-	<0.00005	468	<0.0002	-	0.0022	201	-	<0.0001	-	0.0102	26	-	-	-	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW07	BH_MW07	WATER	04-Dec-13	0.0011	-	-	-	0.00019	544	<0.0002	-	0.0092	220	-	<0.0001	-	0.0699	30	-	-	-	0.054	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
BH_MW08	BH_MW08	WATER	04-Dec-13	0.0037	-	-	-	<0.00005	141	<0.0002	-	0.0025	118	-	<0.0001	-	0.0123	27	-	-	-	0.008	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1

Statistical Summary

Number of Results	8	2	2	2	8	8	8	2	8	8	2	8	2	8	8	2	2	2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	8	2	2	2	6	8	3	2	8	8	2	0	2	8	8	2	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.0004	0.0308	0.0025	0.028	<0.00005	141	<0.0002	0.142	0.0022	118	0.128	<0.0001	0.0002	0.0102	15	0.0046	0.00016	0.0003	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Minimum Detect	0.0004	0.0308	0.0025	0.028	0.00012	141	0.0003	0.142	0.0022	118	0.128	ND	0.0002	0.0102	15	0.0046	0.00016	0.0003	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0107	0.0413	0.0031	0.182	0.00292	620	0.0056	0.426	0.0379	572	6.88	<0.0001	0.0006	0.379	59	0.0105	0.00032	0.0029	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Maximum Detect	0.0107	0.0413	0.0031	0.182	0.00292	620	0.0056	0.426	0.0379	572	6.88	ND	0.0006	0.379	59	0.0105	0.00032	0.0029	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0028				0.00067	438	0.0014		0.011	386		0.00005		0.14	36				0.27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration	0.0012	0.03605	0.0028	0.105	0.000245	465	0.0001	0.284	0.00435	420	3.504	0.00005	0.0004	0.0646	33.5	0.00755	0.00024	0.0016	0.0455	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation	0.0034				0.001	169	0.0024		0.013	192		0		0.15	14				0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	1	0	0	0	4	0	0	0	8	0	1	8	0	7	0	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	1	0	0	0	4	0	0	0	8	0	1	0	0	7	0	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	AH/Phenols															Solvents					TRH											VOCs		
	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m										NL[#7]											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m										NL[#6]											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+										NL[#5]											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+										NL[#8]											NL[#8]	NL[#8]													
Drinking Water	0.01[#3]																																		
Ecological (Freshwater)										16[#10]		3.6[#9]		320[#10]																					
Recreational	0.1[#4]											100[#4]																							

Location Code	Field ID	Matrix Type	Sampled Date																																	
BH_MW01	BH_MW01	WATER	02-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW02	BH_MW02	WATER	02-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW03	BH_MW03	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW04	BH_MW04	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW05	BH_MW05	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW06	BH_MW06	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW07	BH_MW07	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BH_MW08	BH_MW08	WATER	04-Dec-13	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
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#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BI_MW01	BI_MW01	WATER	02-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BI_MW02	BI_MW02	WATER	02-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
BI_MW03	BI_MW03	WATER	02-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																				
Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	3
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

						Halogenated Benzenes									**Halogenated Hydrocarbons**					**Inorganics**										**MAH**								**Lead**
						1,2,3-trichlorobenzene	**1,2,4-trichlorobenzene**	**1,2-dichlorobenzene**	**1,3-dichlorobenzene**	**1,4-dichlorobenzene**	**2-chlorotoluene**	**4-chlorotoluene**	**Bromobenzene**	**Chlorobenzene**	**1,2-dibromoethane**	**Bromomethane**	**Dichlorodifluoromethane**	**Iodomethane**	**Trichlorofluoromethane**	**Alkalinity (Hydroxide) as CaCO3**	**Alkalinity (total) as CaCO3**	**Anions Total**	**Alkalinity (Bicarbonate as CaCO3)**	**Alkalinity (Carbonate as CaCO3)**	**Cations Total**	**Chloride**	**Ionic Balance**	**Sodium (Filtered)**	**Sulphate as S (Filtered)**	**1,2,4-trimethylbenzene**	**1,3,5-trimethylbenzene**	**Isopropylbenzene**	**n-butylbenzene**	**n-propylbenzene**	**p-isopropyltoluene**	**sec-butylbenzene**	**Styrene**	**tert-butylbenzene**	**Lead (Filtered)**
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						5	5	5	5	5	5	5	5	5	5	50	50	5	50	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																						
Vapour Intrusion - Commercial Worker - 4-<8 m																																						
Vapour Intrusion - Commercial Worker - 8 m+																																						
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																						
Drinking Water															1[#3]	1[#3]																				30[#3]		0.01[#3]
Ecological (Freshwater)						3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																												0.0034[#10]
Recreational						5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]																						300[#4]		0.1[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BI_MW01	BI_MW01	WATER	02-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	92.7	<1	<1	98.9	916	3.26	1010	3210	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0014
BI_MW02	BI_MW02	WATER	02-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	69.7	<1	<1	72.4	819	1.88	1010	2240	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0097
BI_MW03	BI_MW03	WATER	02-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	968	172	968	<1	188	1820	4.42	1960	4860	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0005
Statistical Summary																																						
Number of Results				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	3	3	3	3	3	0	0	0	0	0	0	0	0	3
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	69.7	<1	<1	72.4	819	1.88	1010	2240	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0005
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	968	69.7	968	ND	72.4	819	1.88	1010	2240	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0005
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	968	172	968	<1	188	1820	4.42	1960	4860	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0097
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	968	172	968	ND	188	1820	4.42	1960	4860	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0097
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	323	111	323	0.5	120	1185	3.2	1367	3437	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0039
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	0.5	92.7	0.5	0.5	98.9	916	3.26	1130	3210	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0014
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	559	54	559	0	61	552	1.3	517	1325	0	0	0	0	0	0	0	0	0	0.0051
Number of Guideline Exceedances				3	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Wate
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

					Metals																																	
					Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																																						
Vapour Intrusion - Commercial Worker - 4-<8 m																																						
Vapour Intrusion - Commercial Worker - 8 m+																																						
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																						
Drinking Water					0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]																		
Ecological (Freshwater)								0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]								
Recreational					0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]					200[#4]	2000[#4]			3000[#4]								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BI_MW01	BI_MW01	WATER	02-Dec-13		0.0049	0.0268	0.0024	0.137	0.00025	532	0.0023	0.143	0.0032	338	5.17	<0.0001	0.0002	0.137	25	0.0041	0.00019	0.001	0.202	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
BI_MW02	BI_MW02	WATER	02-Dec-13		0.0058	0.0342	0.0052	0.062	0.00062	148	0.0064	0.116	0.0098	184	0.89	<0.0001	0.0002	0.144	30	0.0046	0.00014	0.0024	0.373	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
BI_MW03	BI_MW03	WATER	02-Dec-13		0.0062	0.0589	<0.0001	0.261	0.00011	550	0.0006	0.116	0.0027	900	10.1	<0.0001	0.0008	0.079	41	0.0026	0.00036	0.0016	0.036	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
Statistical Summary																																						
Number of Results					3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects					3	3	2	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					0.0049	0.0268	<0.0001	0.062	0.00011	148	0.0006	0.116	0.0027	184	0.89	<0.0001	0.0002	0.079	25	0.0026	0.00014	0.001	0.036	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
Minimum Detect					0.0049	0.0268	0.0024	0.062	0.00011	148	0.0006	0.116	0.0027	184	0.89	ND	0.0002	0.079	25	0.0026	0.00014	0.001	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					0.0062	0.0589	0.0052	0.261	0.00062	550	0.0064	0.143	0.0098	900	10.1	<0.0001	0.0008	0.144	41	0.0046	0.00036	0.0024	0.373	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1
Maximum Detect					0.0062	0.0589	0.0052	0.261	0.00062	550	0.0064	0.143	0.0098	900	10.1	ND	0.0008	0.144	41	0.0046	0.00036	0.0024	0.373	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					0.0056	0.04	0.0026	0.15	0.00033	410	0.0031	0.13	0.0052	474	5.4	0.00005	0.0004	0.12	32	0.0038	0.00023	0.0017	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
Median Concentration					0.0058	0.0342	0.0024	0.137	0.00025	532	0.0023	0.116	0.0032	338	5.17	0.00005	0.0002	0.137	30	0.0041	0.00019	0.0016	0.202	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5
Standard Deviation					0.00067	0.017	0.0026	0.1	0.00026	227	0.003	0.016	0.004	377	4.6	0	0.00035	0.036	8.2	0.001	0.00012	0.0007	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances					0	0	0	0	2	0	0	0	3	0	2	3	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	2	0	0	0	3	0	2	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	PAH/Phenols																Solvents					TRH											VOCs		
	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m											NL[#7]											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m											NL[#6]											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+											NL[#5]											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+											NL[#8]											NL[#8]	NL[#8]													
Drinking Water		0.01[#3]																																		
Ecological (Freshwater)											16[#10]		3.6[#9]		320[#10]																					
Recreational		0.1[#4]											100[#4]																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BI_MW01	BI_MW01	WATER	02-Dec-13	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BI_MW02	BI_MW02	WATER	02-Dec-13	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BI_MW03	BI_MW03	WATER	02-Dec-13	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Wate
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																													
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BK_MW04	BK_MW04	WATER	16-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																					
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation																																					
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5k. AEC BK Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									PAH/Phenols															
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1
Vapour Intrusion - Commercial Worker - 2-<4 m																																							
Vapour Intrusion - Commercial Worker - 4-<8 m																																							
Vapour Intrusion - Commercial Worker - 8 m+																																							
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																							
Drinking Water										1[#3]	1[#3]											30[#3]																0.01[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																				3[#9]	120[#9]			340[#9]										
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]			200[#4]	2000[#4]			3000[#4]									0.1[#4]	

Location Code	Field ID	Matrix Type	Sampled Date	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene
BK_MW04	BK_MW04	WATER	16-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1

Statistical Summary

	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																							
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5
Standard Deviation																																							
Number of Guideline Exceedances	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments
#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

														Solvents					TRH												VOCs		
	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m								NL[#7]											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m								NL[#6]											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+								NL[#5]											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+								NL[#8]											NL[#8]	NL[#8]													
Drinking Water																																	
Ecological (Freshwater)								16[#10]		3.6[#9]		320[#10]																					
Recreational										100[#4]																							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BK_MW04	BK_MW04	WATER	16-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																																	
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																	
Median Concentration	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation																																	
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/In
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BL_MW01	BL_MW01	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BL_MW02	BL_MW02	WATER	18-Dec-13	<0.5	2	6	<2	<2	<2	<2	0.008	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BL_MW03	BL_MW03	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BL_MW04	BL_MW04	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BL_MW05	BL_MW05	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BL_MW06	BL_MW06	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	2	6	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	2	6	<2	<2	<2	<2	0.008	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	2	6	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.75	1.8	1	1	1	1	0.0018	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0.61	2	0	0	0	0	0.0031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	6
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species
#11 UK HPA 2009/MDH, 2011 health screening value

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals						
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																															
Vapour Intrusion - Commercial Worker - 4-<8 m																															
Vapour Intrusion - Commercial Worker - 8 m+																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																												
BL_MW01	BL_MW01	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	0.0356	0.0035	0.00217	0.0006	0.0096	<0.0001	0.501	1.07
BL_MW02	BL_MW02	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-
BL_MW03	BL_MW03	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	0.0004	0.0019	0.00009	<0.0002	0.002	<0.0001	0.0072	0.009
BL_MW04	BL_MW04	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	0.11	0.0013	0.00012	<0.0002	0.0046	<0.0001	0.037	0.038
BL_MW05	BL_MW05	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	0.0071	0.0005	0.00012	0.0129	0.0038	<0.0001	0.0064	0.012
BL_MW06	BL_MW06	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	0.0181	0.0016	0.00008	<0.0002	0.0027	<0.0001	0.0559	0.031
Statistical Summary																															
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	2	5	0	5	5
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0004	0.0005	0.00008	<0.0002	0.002	<0.0001	0.0064	0.009
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	0.0005	0.00008	0.0006	0.002	ND	0.0064	0.009
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.11	0.0035	0.00217	0.0129	0.0096	<0.0001	0.501	1.07
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11	0.0035	0.00217	0.0129	0.0096	ND	0.501	1.07
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.034	0.0018	0.00052	0.0028	0.0045	0.00005	0.12	0.23
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0181	0.0016	0.00012	0.0001	0.0038	0.00005	0.037	0.031
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.044	0.0011	0.00092	0.0057	0.003	0	0.21	0.47
Number of Guideline Exceedances	6	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	5	5	3	5
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	5	0	3	5

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species
#11 UK HPA 2009/MDH, 2011 health screening value

	PFOA	PFOS		PAH/Phenols																												Polychlorinated Biphenyls
	Perfluorooctanoate	6:2 Fluorotelomer Sulfonate (6:2 FtS)	PFOS	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	0.02	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]						
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]						
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]						
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]						
Drinking Water			0.311															0.01[#3]															
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]		
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]				

Location Code	Field ID	Matrix Type	Sampled Date																														
BL_MW01	BL_MW01	WATER	11-Dec-13	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
BL_MW02	BL_MW02	WATER	18-Dec-13	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
BL_MW03	BL_MW03	WATER	11-Dec-13	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
BL_MW04	BL_MW04	WATER	11-Dec-13	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
BL_MW05	BL_MW05	WATER	11-Dec-13	<0.02	<0.1	0.12	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
BL_MW06	BL_MW06	WATER	11-Dec-13	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1

Statistical Summary

Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.02	<0.1	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
Minimum Detect	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.02	<0.1	0.12	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1
Maximum Detect	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.01	0.05	0.028	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	0.5
Median Concentration	0.01	0.05	0.01	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	0.5
Standard Deviation	0	0	0.045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species
#11 UK HPA 2009/MDH, 2011 health screening value

	Solvents					TRH												VOCs		
	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m						6[#7]														
Vapour Intrusion - Commercial Worker - 4-<8 m						6[#6]														
Vapour Intrusion - Commercial Worker - 8 m+						7[#5]														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+						NL[#8]														
Drinking Water																				
Ecological (Freshwater)																				
Recreational																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BL_MW01	BL_MW01	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BL_MW02	BL_MW02	WATER	18-Dec-13	<50	<50	<50	<5	<50	0.02	<0.1	30	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	0.03	<5	<5	<5
BL_MW03	BL_MW03	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BL_MW04	BL_MW04	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BL_MW05	BL_MW05	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BL_MW06	BL_MW06	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																				
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Minimum Concentration	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	0.02	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND
Maximum Concentration	<50	<50	<50	<5	<50	0.02	<0.1	30	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	0.03	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	0.02	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND
Average Concentration	25	25	25	2.5	25	0.012	0.05	13	25	50	25	25	50	0.05	0.05	0.05	0.013	2.5	2.5	2.5
Median Concentration	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0.0041	0	8.2	0	0	0	0	0	0	0	0	0.0082	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species
#11 UK HPA 2009/MDH, 2011 health screening value

Table 5m. AEC BM Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]									4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																								
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]

Location Code	Field ID	Matrix Type	Sampled Date																																		
BM_EW_MW01	BM_EW_MW01	WATER	13-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BM_MW03	BM_MW03	WATER	13-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BM_MW05	BM_MW05	WATER	13-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BM_MW07	BM_MW07	WATER	13-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50

Statistical Summary

Number of Results	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	3.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	4
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals						
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water													1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BM_EW_MW01	BM_EW_MW01	WATER	13-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001	0.0006	<0.00005	<0.0002	0.0023	<0.0001	0.0181	0.025
BM_MW03	BM_MW03	WATER	13-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0006	<0.0002	<0.00005	<0.0002	0.0025	<0.0001	0.0077	0.02
BM_MW05	BM_MW05	WATER	13-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0109	<0.0002	0.00019	<0.0002	0.0046	<0.0001	0.0582	0.026
BM_MW07	BM_MW07	WATER	13-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0032	0.001	0.00098	<0.0002	0.0047	<0.0001	0.187	0.322
Statistical Summary																																		
Number of Results				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	4	0	4	4
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001	<0.0002	<0.00005	<0.0002	0.0023	<0.0001	0.0077	0.02
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.0006	0.00019	ND	0.0023	ND	0.0077	0.02
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0109	0.001	0.00098	<0.0002	0.0047	<0.0001	0.187	0.322
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0109	0.001	0.00098	ND	0.0047	ND	0.187	0.322
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0037	0.00045	0.00031	0.0001	0.0035	0.00005	0.068	0.098
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0019	0.00035	0.0001075	0.0001	0.00355	0.00005	0.03815	0.0255
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.005	0.00044	0.00046	0	0.0013	0	0.082	0.15
Number of Guideline Exceedances				4	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	4	3	4
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	0	3	4

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				PAH/Phenols																												Polychlorinated Biphenyls	Solvents				
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]											
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]											
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]											
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]											
Drinking Water																		0.01[#3]																				
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]								
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BM_EW_MW01	BM_EW_MW01	WATER	13-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
BM_MW03	BM_MW03	WATER	13-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
BM_MW05	BM_MW05	WATER	13-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
BM_MW07	BM_MW07	WATER	13-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																						
Number of Results				4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	0.5	25	25	25	2.5	25
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	0.5	25	25	25	2.5	25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
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#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m	6 [#7]	NL [#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m	6 [#6]	NL [#6]													
Vapour Intrusion - Commercial Worker - 8 m+	7 [#5]	NL [#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+	NL [#8]	NL [#8]													
Drinking Water															
Ecological (Freshwater)															
Recreational															
Location Code **Field ID** **Matrix Type** **Sampled Date**															
BM_EW_MW01 BM_EW_MW01 WATER 13-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BM_MW03 BM_MW03 WATER 13-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BM_MW05 BM_MW05 WATER 13-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BM_MW07 BM_MW07 WATER 13-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary															
Number of Results	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BN_MW02	BN_MW02	WATER	19-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																					
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation																																					
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

					Halogenated Benzenes									Halogenated Hydrocarbons					MAH										Lead	Metals								
					1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL					5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	0.0002	0.0001	0.0005	0.0005
Vapour Intrusion - Commercial Worker - 2-<4 m																																					
Vapour Intrusion - Commercial Worker - 4-<8 m																																					
Vapour Intrusion - Commercial Worker - 8 m+																																					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																					
Drinking Water														1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]				0.002[#3]	0.05[#3]		2[#3]	
Ecological (Freshwater)					3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]
Recreational					5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BN_MW02	BN_MW02	WATER	19-Dec-13		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001	0.01	0.023	<0.0001	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Statistical Summary																																					
Number of Results					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1
Minimum Concentration					<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001	0.01	0.023	<0.0001	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Minimum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.01	0.023	ND	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Maximum Concentration					<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001	0.01	0.023	<0.0001	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Maximum Detect					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.01	0.023	ND	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Average Concentration																																					
Median Concentration					2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0001	0.01	0.023	0.00005	0.523	0.0001	0.0002	0.0466	0.0023	1.2
Standard Deviation																																					
Number of Guideline Exceedances					1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

								PAH/Phenols																												
	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0001	0.0005	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																															NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																															NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																															NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															NL[#8]					
Drinking Water	0.001[#3]		0.02[#3]	0.01[#3]																		0.01[#3]														
Ecological (Freshwater)	0.00006[#9]		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational	0.01[#4]		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]			
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BN_MW02	BN_MW02	WATER	19-Dec-13	<0.0001	0.14	0.106	0.0013	0.00012	0.0008	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	<5 - 1	4.6	<2	1.8	<1	1.8
Statistical Summary																																					
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1
Minimum Concentration	<0.0001	0.14	0.106	0.0013	0.00012	0.0008	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	5	4.6	<2	1.8	<1	1.8
Minimum Detect	ND	0.14	0.106	0.0013	0.00012	0.0008	0.023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	1.8	ND	1.8
Maximum Concentration	<0.0001	0.14	0.106	0.0013	0.00012	0.0008	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	1	4.6	<2	1.8	<1	1.8
Maximum Detect	ND	0.14	0.106	0.0013	0.00012	0.0008	0.023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	4.6	ND	1.8	ND	1.8
Average Concentration																																					
Median Concentration	0.00005	0.14	0.106	0.0013	0.00012	0.0008	0.023	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.75	4.6	1	1.8	0.5	1.8
Standard Deviation																																					
Number of Guideline Exceedances	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

						Solvents					TRH												VOCs		
						Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
						µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL						50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+											NL[#8]	NL[#8]													
Drinking Water																									
Ecological (Freshwater)																									
Recreational																									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																						
BN_MW02	BN_MW02	WATER	19-Dec-13			<50	<50	<50	<5	<50	<0.02	0.72	<20	370	3420	880	4670	4990	0.72	3.62	0.65	<0.02	<5	<5	<5
Statistical Summary																									
Number of Results						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects						0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0
Minimum Concentration						<50	<50	<50	<5	<50	<0.02	0.72	<20	370	3420	880	4670	4990	0.72	3.62	0.65	<0.02	<5	<5	<5
Minimum Detect						ND	ND	ND	ND	ND	ND	0.72	ND	370	3420	880	4670	4990	0.72	3.62	0.65	ND	ND	ND	ND
Maximum Concentration						<50	<50	<50	<5	<50	<0.02	0.72	<20	370	3420	880	4670	4990	0.72	3.62	0.65	<0.02	<5	<5	<5
Maximum Detect						ND	ND	ND	ND	ND	ND	0.72	ND	370	3420	880	4670	4990	0.72	3.62	0.65	ND	ND	ND	ND
Average Concentration																									
Median Concentration						25	25	25	2.5	25	0.01	0.72	10	370	3420	880	4670	4990	0.72	3.62	0.65	0.01	2.5	2.5	2.5
Standard Deviation																									
Number of Guideline Exceedances						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BO_MW01	BO_MW01	WATER	12-Dec-13	<0.5	<1	2	<2	<2	<2	<2	0.002	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BO_MW02	BO_MW02	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BO_MW03	BO_MW03	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BO_MW04	BO_MW04	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BO_MW05	BO_MW05	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	2	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	2	<2	<2	<2	<2	0.002	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	2	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1.2	1	1	1	1	0.0008	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0.45	0	0	0	0	0.00067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	5
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics										MAH									Lead
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																					
Vapour Intrusion - Commercial Worker - 4-<8 m																																					
Vapour Intrusion - Commercial Worker - 8 m+																																					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																					
Drinking Water													1[#3]	1[#3]																					30[#3]		0.01[#3]
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																													0.0034[#10]
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]																					300[#4]		0.1[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BO_MW01	BO_MW01	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	597	179	597	<1	177	2780	0.6	2060	4260	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0036
BO_MW02	BO_MW02	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	305	279	305	<1	267	6930	2.22	2870	3710	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0612
BO_MW03	BO_MW03	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	509	202	509	<1	189	3160	3.25	3040	4930	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.001
BO_MW04	BO_MW04	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	560	119	560	<1	121	1460	0.53	1440	3220	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0475
BO_MW05	BO_MW05	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	577	75.5	577	<1	79.6	741	2.63	1170	2070	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0064
Statistical Summary																																					
Number of Results				5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	305	75.5	305	<1	79.6	741	0.53	1170	2070	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.001
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	305	75.5	305	ND	79.6	741	0.53	1170	2070	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	597	279	597	<1	267	6930	3.25	3040	4930	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0612
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	597	279	597	ND	267	6930	3.25	3040	4930	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0612
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	510	171	510	0.5	167	3014	1.8	2116	3638	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.024
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	560	179	560	0.5	177	2780	2.22	2060	3710	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0064
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	78	119	0	71	2398	1.2	833	1083	0	0	0	0	0	0	0	0	0	0.028
Number of Guideline Exceedances				5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Metals																															
	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1
Vapour Intrusion - Commercial Worker - 2-<4 m																													
Vapour Intrusion - Commercial Worker - 4-<8 m																													
Vapour Intrusion - Commercial Worker - 8 m+																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																													
Drinking Water	0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]													
Ecological (Freshwater)				0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]				
Recreational	0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]					200[#4]	2000[#4]			3000[#4]				
Location Code **Field ID** **Matrix Type** **Sampled Date**																													
BO_MW01 BO_MW01 WATER 12-Dec-13	0.0051	0.0861	<0.0001	0.141	0.00009	581	0.0002	0.125	0.0032	694	0.478	<0.0001	0.0192	0.171	48	0.0141	0.00067	0.0019	0.013	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BO_MW02 BO_MW02 WATER 12-Dec-13	0.0009	0.0648	<0.0001	0.111	0.0001	727	0.0003	0.0014	0.0029	1280	0.22	<0.0001	0.0011	0.0098	10	0.0023	0.00014	0.0014	0.016	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BO_MW03 BO_MW03 WATER 12-Dec-13	0.0043	0.019	<0.0001	0.164	<0.00005	297	<0.0002	0.0374	0.0015	506	1.19	<0.0001	0.0014	0.0162	25	0.0004	<0.00002	0.0002	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BO_MW04 BO_MW04 WATER 12-Dec-13	0.0011	0.0457	<0.0001	0.205	<0.00005	299	0.0004	0.0008	0.0029	521	0.0873	<0.0001	0.0025	0.0053	12	0.0005	0.00008	0.0033	0.02	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BO_MW05 BO_MW05 WATER 12-Dec-13	0.0005	0.0237	<0.0001	0.165	<0.00005	187	<0.0002	0.0025	0.003	232	0.472	<0.0001	0.0019	0.0089	13	<0.0002	<0.00002	0.001	0.021	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Statistical Summary																													
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	5	5	0	5	2	5	3	5	5	5	5	0	5	5	5	4	3	5	5	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.0005	0.019	<0.0001	0.111	<0.00005	187	<0.0002	0.0008	0.0015	232	0.0873	<0.0001	0.0011	0.0053	10	<0.0002	<0.00002	0.0002	0.013	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Minimum Detect	0.0005	0.019	ND	0.111	0.00009	187	0.0002	0.0008	0.0015	232	0.0873	ND	0.0011	0.0053	10	0.0004	0.00008	0.0002	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0051	0.0861	<0.0001	0.205	0.0001	727	0.0004	0.125	0.0032	1280	1.19	<0.0001	0.0192	0.171	48	0.0141	0.00067	0.0033	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Maximum Detect	0.0051	0.0861	ND	0.205	0.0001	727	0.0004	0.125	0.0032	1280	1.19	ND	0.0192	0.171	48	0.0141	0.00067	0.0033	0.023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0024	0.048	0.00005	0.16	0.000053	418	0.00022	0.033	0.0027	647	0.49	0.00005	0.0052	0.042	22	0.0035	0.00018	0.0016	0.019	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5
Median Concentration	0.0011	0.0457	0.00005	0.164	0.000025	299	0.0002	0.0025	0.0029	521	0.472	0.00005	0.0019	0.0098	13	0.0005	0.00008	0.0014	0.02	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5
Standard Deviation	0.0021	0.028	0	0.035	0.000039	226	0.00013	0.053	0.00068	391	0.43	0	0.0078	0.072	16	0.006	0.00028	0.0012	0.004	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	5	0	0	5	0	2	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	5	0	0	0	0	2	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	PAH/Phenols																			Solvents					TRH												VOCs		
	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m														NL[#7]											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m														NL[#6]											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+														NL[#5]											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+														NL[#8]											NL[#8]	NL[#8]													
Drinking Water					0.01[#3]																																		
Ecological (Freshwater)														16[#10]		3.6[#9]		320[#10]																					
Recreational					0.1[#4]											100[#4]																								
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																					
BO_MW01	BO_MW01	WATER	12-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	0.03	<0.1	20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	0.03	<5	<5	<5
BO_MW02	BO_MW02	WATER	12-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BO_MW03	BO_MW03	WATER	12-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BO_MW04	BO_MW04	WATER	12-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BO_MW05	BO_MW05	WATER	12-Dec-13	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																																							
Number of Results	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Minimum Concentration	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	20	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND
Maximum Concentration	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	0.03	<0.1	20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	0.03	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	20	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND
Average Concentration	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.014	0.05	12	25	50	25	25	50	0.05	0.05	0.05	0.014	2.5	2.5	2.5
Median Concentration	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0089	0	4.5	0	0	0	0	0	0	0	0.0089	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial)
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																								
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																	
BP_MW01	BP_MW01	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BP_MW02	BP_MW02	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BP_MW03	BP_MW03	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BP_MW04	BP_MW04	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BP_MW05	BP_MW05	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BP_MW06	BP_MW06	WATER	03-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																				
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0	6
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5p. AEC BP Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Halogenated Benzenes									Halogenated Hydrocarbons					MAH								
				1,2,3-trichlorobenzene	**1,2,4-trichlorobenzene**	**1,2-dichlorobenzene**	**1,3-dichlorobenzene**	**1,4-dichlorobenzene**	**2-chlorotoluene**	**4-chlorotoluene**	**Bromobenzene**	**Chlorobenzene**	**1,2-dibromoethane**	**Bromomethane**	**Dichlorodifluoromethane**	**Iodomethane**	**Trichlorofluoromethane**	**1,2,4-trimethylbenzene**	**1,3,5-trimethylbenzene**	**Isopropylbenzene**	**n-butylbenzene**	**n-propylbenzene**	**p-isopropyltoluene**	**sec-butylbenzene**	**Styrene**	**tert-butylbenzene**
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m																										
Vapour Intrusion - Commercial Worker - 4-<8 m																										
Vapour Intrusion - Commercial Worker - 8 m+																										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																										
Drinking Water													1[#3]	1[#3]											30[#3]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																		
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																							
BP_MW01	BP_MW01	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
BP_MW02	BP_MW02	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
BP_MW03	BP_MW03	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
BP_MW04	BP_MW04	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
BP_MW05	BP_MW05	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
BP_MW06	BP_MW06	WATER	03-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																										
Number of Results				6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				6	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Lead										
				Lead	**Lead (Filtered)**	**Arsenic**	**Arsenic (Filtered)**	**Barium**	**Barium (Filtered)**	**Beryllium**	**Beryllium (Filtered)**	**Boron**	**Boron (Filtered)**	**Cadmium**
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.0001	0.0001	0.0002	0.0002	0.0005	0.0005	0.0001	0.0001	0.005	0.005	0.00005
Vapour Intrusion - Commercial Worker - 2-<4 m														
Vapour Intrusion - Commercial Worker - 4-<8 m														
Vapour Intrusion - Commercial Worker - 8 m+														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+														
Drinking Water				0.01[#3]	0.01[#3]	0.01[#3]	0.01[#3]							0.002[#3]
Ecological (Freshwater)				0.0034[#10]	0.0034[#10]							0.37[#10]	0.37[#10]	0.0002[#10]
Recreational				0.1[#4]	0.1[#4]	0.1[#4]	0.1[#4]							0.02[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**											
BP_MW01	BP_MW01	WATER	03-Dec-13	-	0.005	-	<0.001	-	0.033	-	0.001	-	0.31	-
BP_MW02	BP_MW02	WATER	03-Dec-13	0.0799	0.0317	0.0024	0.0005	0.0606	0.0522	0.0007	0.0003	0.102	0.093	0.00096
BP_MW03	BP_MW03	WATER	03-Dec-13	0.0431	0.0385	0.0024	0.0023	0.127	0.118	0.0001	0.0002	0.482	0.229	0.00017
BP_MW04	BP_MW04	WATER	03-Dec-13	0.122	0.0004	0.0426	0.0004	0.358	0.027	0.0079	0.0005	0.045	0.084	0.00117
BP_MW05	BP_MW05	WATER	03-Dec-13	0.0106	0.0092	0.0058	0.0062	0.0398	0.0375	<0.0001	<0.0001	0.129	0.117	0.00015
BP_MW06	BP_MW06	WATER	03-Dec-13	0.0611	0.0479	0.0018	0.0006	0.0371	0.028	0.0002	0.0001	0.103	0.088	0.00011
Statistical Summary														
Number of Results				5	6	5	6	5	6	5	6	5	6	5
Number of Detects				5	6	5	5	5	6	4	5	5	6	5
Minimum Concentration				0.0106	0.0004	0.0018	0.0004	0.0371	0.027	<0.0001	<0.0001	0.045	0.084	0.00011
Minimum Detect				0.0106	0.0004	0.0018	0.0004	0.0371	0.027	0.0001	0.0001	0.045	0.084	0.00011
Maximum Concentration				0.122	0.0479	0.0426	0.0062	0.358	0.118	0.0079	0.001	0.482	0.31	0.00117
Maximum Detect				0.122	0.0479	0.0426	0.0062	0.358	0.118	0.0079	0.001	0.482	0.31	0.00117
Average Concentration				0.063	0.022	0.011	0.0018	0.12	0.049	0.0018	0.00036	0.17	0.15	0.00051
Median Concentration				0.0611	0.02045	0.0024	0.00055	0.0606	0.03525	0.0002	0.00025	0.103	0.105	0.00017
Standard Deviation				0.042	0.02	0.018	0.0023	0.14	0.035	0.0034	0.00035	0.18	0.094	0.00051
Number of Guideline Exceedances				5	5	1	0	0	0	0	0	1	0	2
Number of Guideline Exceedances(Detects Only)				5	5	1	0	0	0	0	0	1	0	2

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Metals																						
	Cadmium (Filtered)	Chromium (III+VI)	Chromium (III+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Manganese	Manganese (Filtered)	Mercury	Mercury (Filtered)	Molybdenum	Molybdenum (Filtered)	Nickel	Nickel (Filtered)	Selenium	Selenium (Filtered)	Thallium	Thallium (Filtered)	Vanadium	Vanadium (Filtered)	Zinc	Zinc (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.00005	0.0002	0.0002	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0002	0.0002	0.00002	0.00002	0.0002	0.0002	0.001	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																							
Vapour Intrusion - Commercial Worker - 4-<8 m																							
Vapour Intrusion - Commercial Worker - 8 m+																							
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																							
Drinking Water	0.002[#3]	0.05[#3]	0.05[#3]			2[#3]	2[#3]			0.001[#3]	0.001[#3]			0.02[#3]	0.02[#3]	0.01[#3]	0.01[#3]						
Ecological (Freshwater)	0.0002[#10]					0.0014[#10]	0.0014[#10]	1.9[#10]	1.9[#10]	0.00006[#9]	0.00006[#9]			0.011[#10]	0.011[#10]	0.005[#9]	0.005[#9]					0.008[#10]	0.008[#10]
Recreational	0.02[#4]	0.5[#4]	0.5[#4]			20[#4]	20[#4]			0.01[#4]	0.01[#4]			0.2[#4]	0.2[#4]	0.1[#4]	0.1[#4]						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																				
BP_MW01	BP_MW01	WATER	03-Dec-13	0.0001	-	<0.001	-	0.02	-	0.004	-	0.73	-	<0.0001	-	0.002	-	0.021	-	<0.01	-	<0.001	-	<0.01	-	0.091
BP_MW02	BP_MW02	WATER	03-Dec-13	0.00114	0.006	0.0003	0.0988	0.123	0.0075	0.0005	2.75	3.24	<0.0001	<0.0001	0.0004	0.0008	0.0894	0.0999	0.0013	0.0014	0.00024	0.00014	0.009	0.0005	0.092	0.072
BP_MW03	BP_MW03	WATER	03-Dec-13	0.00032	0.0012	0.0006	0.0286	0.0531	0.0032	0.0054	0.753	1.02	<0.0001	<0.0001	0.0013	0.0012	0.0205	0.0362	0.0019	0.002	0.00018	0.00019	0.0064	0.0047	0.023	0.052
BP_MW04	BP_MW04	WATER	03-Dec-13	0.00063	0.0803	0.0007	0.543	0.382	0.154	0.0007	3.39	3.98	0.0002	<0.0001	0.002	0.0001	0.509	0.148	0.0172	0.0008	0.00125	0.00007	0.0983	<0.0002	1.14	0.135
BP_MW05	BP_MW05	WATER	03-Dec-13	0.00015	0.0014	0.001	0.216	0.237	0.0016	0.0012	12	10.8	<0.0001	<0.0001	0.0029	0.0034	0.146	0.163	0.0019	0.002	0.00047	0.00041	0.003	0.0024	0.102	0.112
BP_MW06	BP_MW06	WATER	03-Dec-13	0.0001	0.0053	0.0028	0.005	0.0041	0.005	0.0039	0.681	0.51	<0.0001	<0.0001	0.0021	0.0017	0.0111	0.0083	0.0008	0.0004	0.0002	0.00013	0.0089	0.0053	0.02	0.013

Statistical Summary

Number of Results	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6
Number of Detects	6	5	5	5	6	5	6	5	6	1	0	5	6	5	6	5	5	5	5	5	4	5	6
Minimum Concentration	0.0001	0.0012	0.0003	0.005	0.0041	0.0016	0.0005	0.681	0.51	<0.0001	<0.0001	0.0004	0.0001	0.0111	0.0083	0.0008	0.0004	0.00018	0.00007	0.003	<0.0002	0.02	0.013
Minimum Detect	0.0001	0.0012	0.0003	0.005	0.0041	0.0016	0.0005	0.681	0.51	0.0002	ND	0.0004	0.0001	0.0111	0.0083	0.0008	0.0004	0.00018	0.00007	0.003	0.0005	0.02	0.013
Maximum Concentration	0.00114	0.0803	0.0028	0.543	0.382	0.154	0.0054	12	10.8	0.0002	<0.0001	0.0029	0.0034	0.509	0.163	0.0172	<0.01	0.00125	<0.001	0.0983	<0.01	1.14	0.135
Maximum Detect	0.00114	0.0803	0.0028	0.543	0.382	0.154	0.0054	12	10.8	0.0002	ND	0.0029	0.0034	0.509	0.163	0.0172	0.002	0.00125	0.00041	0.0983	0.0053	1.14	0.135
Average Concentration	0.00041	0.019	0.00098	0.18	0.14	0.034	0.0026	3.9	3.4	0.00008	0.00005	0.0017	0.0015	0.16	0.079	0.0046	0.0019	0.00047	0.00024	0.025	0.003	0.28	0.079
Median Concentration	0.000235	0.0053	0.00065	0.0988	0.08805	0.005	0.00255	2.75	2.13	0.00005	0.00005	0.002	0.00145	0.0894	0.06805	0.0019	0.0017	0.00024	0.000165	0.0089	0.00355	0.092	0.0815
Standard Deviation	0.00041	0.034	0.00092	0.22	0.15	0.067	0.0021	4.7	3.9	0.000067	0	0.00094	0.0011	0.21	0.067	0.007	0.0016	0.00045	0.00017	0.041	0.0023	0.48	0.044
Number of Guideline Exceedances	3	1	0	0	0	5	3	3	3	5	6	0	0	5	5	1	1	0	0	0	0	5	6
Number of Guideline Exceedances(Detects Only)	3	1	0	0	0	5	3	3	3	1	0	0	0	5	5	1	0	0	0	0	0	5	6

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				PAH/Phenols																												Solvents				
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]										
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]										
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]										
Drinking Water																		0.01[#3]																			
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]						
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BP_MW01	BP_MW01	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BP_MW02	BP_MW02	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BP_MW03	BP_MW03	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BP_MW04	BP_MW04	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BP_MW05	BP_MW05	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
BP_MW06	BP_MW06	WATER	03-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																					
Number of Results				6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m	6 #7	NL #7													
Vapour Intrusion - Commercial Worker - 4-<8 m	6 #6	NL #6													
Vapour Intrusion - Commercial Worker - 8 m+	7 #5	NL #5													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+	NL #8	NL #8													
Drinking Water															
Ecological (Freshwater)															
Recreational															
Location Code **Field ID** **Matrix Type** **Sampled Date**															
BP_MW01 BP_MW01 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BP_MW02 BP_MW02 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BP_MW03 BP_MW03 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BP_MW04 BP_MW04 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BP_MW05 BP_MW05 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BP_MW06 BP_MW06 WATER 03-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary															
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
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#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																										
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																															
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																															
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																															
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]					3[#3]									4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]					30[#4]						30[#4]		19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																			
BQ_EW_MW01	BQ_EW_MW01	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_EW_MW02	BQ_EW_MW02	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_EW_MW03	BQ_EW_MW03	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW01	BQ_MW01	WATER	19-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW02	BQ_MW02	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW03	BQ_MW03	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW04	BQ_MW04	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW05	BQ_MW05	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW07	BQ_MW07	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW08	BQ_MW08	WATER	09-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW10	BQ_MW10	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW11	BQ_MW11	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW13	BQ_MW13	WATER	10-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BQ_MW14	BQ_MW14	WATER	12-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																						
Number of Results	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	14	0	0	0	14	0	0	0	0	14
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					Inorganics										MAH									Lead
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	meq/L	mg/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																					
Vapour Intrusion - Commercial Worker - 4-<8 m																																					
Vapour Intrusion - Commercial Worker - 8 m+																																					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																					
Drinking Water													1[#3]	1[#3]																				30[#3]		0.01[#3]
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																													0.0034[#10]
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]																				300[#4]		0.1[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BQ_EW_MW01	BQ_EW_MW01	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	233	64.1	233	<1	67.6	750	2.65	944	1840	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001
BQ_EW_MW02	BQ_EW_MW02	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	454	112	454	<1	112	1460	0.13	1310	2990	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.0001
BQ_EW_MW03	BQ_EW_MW03	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	361	113	361	<1	117	1160	1.52	1370	3520	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.0001
BQ_MW01	BQ_MW01	WATER	19-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	1450	309	1450	<1	325	7500	2.52	7360	3280	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0034
BQ_MW02	BQ_MW02	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	812	259	812	<1	261	3940	0.26	3280	6330	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.159
BQ_MW03	BQ_MW03	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	143	90.9	143	<1	92	693	0.62	856	3290	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0069
BQ_MW04	BQ_MW04	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	799	138	799	<1	135	3660	1.19	2180	909	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.046
BQ_MW05	BQ_MW05	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	144	81.8	144	<1	82.9	659	0.62	776	2900	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0018
BQ_MW07	BQ_MW07	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	280	116	280	<1	120	959	1.59	1460	4010	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0139
BQ_MW08	BQ_MW08	WATER	09-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	133	68.1	133	<1	72.1	652	2.84	739	2260	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0026
BQ_MW10	BQ_MW10	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	52.7	<1	<1	53.1	548	0.41	429	1790	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0012
BQ_MW11	BQ_MW11	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	490	142	490	<1	153	1080	3.48	2130	4900	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0012
BQ_MW13	BQ_MW13	WATER	10-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	455	63.5	455	<1	63.4	769	0.04	799	1570	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0173
BQ_MW14	BQ_MW14	WATER	12-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	126	84.2	126	<1	91.3	1250	4.01	1480	2230	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0001
Statistical Summary																																					
Number of Results				14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	14	13	0	14	14	14	14	14	0	0	0	0	0	0	0	0	0	12
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	<1	52.7	<1	<1	53.1	548	0.04	429	909	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.0001
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	126	52.7	126	ND	53.1	548	0.04	429	909	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1000	1450	309	1450	<1	325	7500	4.01	7360	6330	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.159
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1450	309	1450	ND	325	7500	4.01	7360	6330	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.159
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	420	121	420	0.5	125	1791	1.6	1794	2987	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.018
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	500	320.5	101.45	320.5	0.5	102	1019.5	1.355	1340	2945	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0022
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	384	75	384	0	78	1964	1.3	1769	1428	0	0	0	0	0	0	0	0	0	0.042
Number of Guideline Exceedances				14	0	0	0	0	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species

	Metals																																	
	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0002	0.0005	0.0001	0.005	0.00005	1	0.0002	0.0001	0.0005	1	0.0005	0.0001	0.0001	0.0005	1	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																															
Vapour Intrusion - Commercial Worker - 4-<8 m																															
Vapour Intrusion - Commercial Worker - 8 m+																															
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															
Drinking Water	0.01[#3]				0.002[#3]		0.05[#3]		2[#3]			0.001[#3]		0.02[#3]		0.01[#3]															
Ecological (Freshwater)				0.37[#10]	0.0002[#10]				0.0014[#10]		1.9[#10]	0.00006[#9]		0.011[#10]		0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]						
Recreational	0.1[#4]				0.02[#4]		0.5[#4]		20[#4]			0.01[#4]		0.2[#4]		0.1[#4]					200[#4]	2000[#4]			3000[#4]						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BQ_EW_MW01	BQ_EW_MW01	WATER	10-Dec-13	0.0004	0.0178	<0.0001	2.55	<0.00005	234	<0.0002	0.0007	0.0034	177	0.0178	<0.0001	0.0168	0.0129	13	<0.0002	<0.00002	0.0005	0.026	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_EW_MW02	BQ_EW_MW02	WATER	10-Dec-13	0.0004	0.0117	<0.0001	0.814	0.00025	557	<0.0002	0.0005	0.0025	329	0.0092	<0.0001	0.0007	0.0175	15	0.0005	0.00007	0.0002	0.012	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_EW_MW03	BQ_EW_MW03	WATER	10-Dec-13	0.0018	0.0248	<0.0001	1.04	<0.00005	536	<0.0002	0.0009	0.0005	364	0.359	<0.0001	0.0004	0.014	18	0.0003	<0.00002	0.0003	0.018	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW01	BQ_MW01	WATER	19-Dec-13	0.0072	0.122	<0.0001	0.214	0.00023	30	0.0004	0.0164	0.0082	32	0.358	<0.0001	0.0094	0.0441	29	0.0045	0.00017	0.0057	0.123	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW02	BQ_MW02	WATER	09-Dec-13	0.0013	0.0536	<0.0001	0.163	0.00019	533	0.0012	0.0031	0.0063	1100	0.567	<0.0001	0.0041	0.01	33	0.0013	0.00075	0.0048	0.025	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW03	BQ_MW03	WATER	09-Dec-13	0.0003	0.02	<0.0001	1.83	0.00016	497	<0.0002	0.0013	0.0023	360	0.147	<0.0001	0.0008	0.0109	15	0.0002	0.00005	0.0005	0.017	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW04	BQ_MW04	WATER	09-Dec-13	0.0009	0.0916	<0.0001	0.162	0.00007	219	<0.0002	0.0018	0.0036	345	0.0993	<0.0001	0.0036	0.0067	31	0.0009	0.0001	0.0034	0.023	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW05	BQ_MW05	WATER	09-Dec-13	0.0002	0.0214	<0.0001	1.74	0.00008	534	<0.0002	0.0003	0.0033	265	0.0985	<0.0001	0.0029	0.009	26	0.0003	0.00004	0.0003	0.017	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW07	BQ_MW07	WATER	09-Dec-13	0.0003	0.0262	<0.0001	0.902	0.0001	486	<0.0002	0.0002	0.0028	380	0.0471	<0.0001	0.0018	0.0076	35	0.003	0.00005	0.0008	0.024	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW08	BQ_MW08	WATER	09-Dec-13	<0.0002	0.0103	<0.0001	2.34	0.00013	554	<0.0002	0.0002	0.0014	144	0.059	<0.0001	0.0004	0.0089	17	<0.0002	0.00007	<0.0002	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW10	BQ_MW10	WATER	10-Dec-13	0.0016	0.012	0.0027	3.23	0.00064	608	0.0003	0.113	0.0071	43	0.646	<0.0001	0.0006	0.227	23	0.0021	0.00019	0.0003	0.272	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW11	BQ_MW11	WATER	10-Dec-13	0.0006	0.0199	<0.0001	0.373	<0.00005	300	<0.0002	0.0002	0.0021	543	0.0577	<0.0001	0.0049	0.0049	12	0.0004	0.00003	0.0017	0.018	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW13	BQ_MW13	WATER	10-Dec-13	0.0004	0.0424	<0.0001	1.62	<0.00005	298	<0.0002	0.0017	0.0032	166	0.111	<0.0001	0.0012	0.0079	6	0.0003	0.00003	0.0007	0.025	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
BQ_MW14	BQ_MW14	WATER	12-Dec-13	0.0009	0.0531	<0.0001	0.093	0.00008	242	<0.0002	0.213	0.0009	179	3.11	<0.0001	0.0003	0.0842	4	0.0008	0.00002	0.0005	0.038	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1
Statistical Summary																																		
Number of Results	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detects	13	14	1	14	10	14	3	14	14	14	14	0	14	14	14	12	12	13	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.0002	0.0103	<0.0001	0.093	<0.00005	30	<0.0002	0.0002	0.0005	32	0.0092	<0.0001	0.0003	0.0049	4	<0.0002	<0.00002	<0.0002	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
Minimum Detect	0.0002	0.0103	0.0027	0.093	0.00007	30	0.0003	0.0002	0.0005	32	0.0092	ND	0.0003	0.0049	4	0.0002	0.00002	0.0002	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0072	0.122	0.0027	3.23	0.00064	608	0.0012	0.213	0.0082	1100	3.11	<0.0001	0.0168	0.227	35	0.0045	0.00075	0.0057	0.272	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1
Maximum Detect	0.0072	0.122	0.0027	3.23	0.00064	608	0.0012	0.213	0.0082	1100	3.11	ND	0.0168	0.227	35	0.0045	0.00075	0.0057	0.272	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0012	0.038	0.00024	1.2	0.00015	402	0.00021	0.025	0.0034	316	0.41	0.00005	0.0034	0.033	20	0.0011	0.00011	0.0014	0.046	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration	0.0005	0.0231	0.00005	0.971	0.00009	491.5	0.0001	0.0011	0.003	297	0.10515	0.00005	0.0015	0.01045	17.5	0.00045	0.00005	0.0005	0.0235	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation	0.0018	0.033	0.00071	1	0.00016	177	0.0003	0.062	0.0023	267	0.8	0	0.0046	0.06	9.9	0.0013	0.00019	0.0018	0.071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	10	3	0	0	0	12	0	1	14	0	6	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	10	3	0	0	0	12	0	1	0	0	6	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species

	PAH/Phenols																	Solvents					TRH											VOCs		
	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m												NL[#7]											6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m												NL[#6]											6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+												NL[#5]											7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+												NL[#8]											NL[#8]	NL[#8]													
Drinking Water			0.01[#3]																																		
Ecological (Freshwater)												16[#10]		3.6[#9]		320[#10]																					
Recreational			0.1[#4]											100[#4]																							

Location Code	Field ID	Matrix Type	Sampled Date																																			
BQ_EW_MW01	BQ_EW_MW01	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_EW_MW02	BQ_EW_MW02	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_EW_MW03	BQ_EW_MW03	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW01	BQ_MW01	WATER	19-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW02	BQ_MW02	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW03	BQ_MW03	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW04	BQ_MW04	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW05	BQ_MW05	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW07	BQ_MW07	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW08	BQ_MW08	WATER	09-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW10	BQ_MW10	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW11	BQ_MW11	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW13	BQ_MW13	WATER	10-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BQ_MW14	BQ_MW14	WATER	12-Dec-13	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#8]	NL[#8]	NL[#8]			NL[#8]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#1]	NL[#1]	NL[#1]			NL[#1]																														
Drinking Water		1[#4]	800[#4]	300[#4]			600[#4]							30[#4]				3[#4]										4[#2]	60[#3]			0.7[#4]		50[#4]	60[#3]		0.3[#4]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#5]	8000[#5]	3000[#5]			6000[#5]							300[#5]				30[#5]						30[#5]			19100[#5]	40[#5]	600[#5]			7[#5]	200[#5]	500[#5]	600[#5]		3[#5]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BR_MW01	BR_MW01	WATER	20/12/2013	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BR_MW05	BR_MW05	WATER	19/12/2013	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BR_MW06	BR_MW06	WATER	19/12/2013	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	3
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#2 NHMRC (2011) ADWG - Health (value for dichloromethane)
#3 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#4 NHMRC (2011) ADWG - Health
#5 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#8 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					Halogenated Phenols						Inorganics										MAH									
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	mg/L	%mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	1	1	1	1	1	2	1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m																																											
Vapour Intrusion - Commercial Worker - 4-<8 m																																											
Vapour Intrusion - Commercial Worker - 8 m+																																											
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																											
Drinking Water													1[#4]	1[#4]																												30[#4]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]											3[#9]	120[#9]		340[#9]	3.6[#9]																			
Recreational				5930[#5]	7430[#5]	15000[#5]		400[#5]					10[#5]	10[#5]					200[#5]	2000[#5]		3000[#5]	100[#5]																		300[#5]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																							
BR_MW01	BR_MW01	WATER	20/12/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	753	80.9	753	<1	79.3	1750	1.04	1300	794	<5	<5	<5	<5	<5	<5	<5	<5	<5
BR_MW05	BR_MW05	WATER	19/12/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	508	30.2	483	25	27.9	613	4.04	598	132	<5	<5	<5	<5	<5	<5	<5	<5	<5
BR_MW06	BR_MW06	WATER	19/12/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	546	28.5	546	<1	26.3	476	4.04	444	201	<5	<5	<5	<5	<5	<5	<5	<5	<5
Statistical Summary																																											
Number of Results				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	1	3	3	3	3	3	0	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	508	28.5	483	<1	26.3	476	1.04	444	132	<5	<5	<5	<5	<5	<5	<5	<5	<5
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	508	28.5	483	25	26.3	476	1.04	444	132	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<1	<1	<1	<1	<1	<2	<1000	753	80.9	753	25	79.3	1750	4.04	1300	794	<5	<5	<5	<5	<5	<5	<5	<5	<5
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	753	80.9	753	25	79.3	1750	4.04	1300	794	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	0.5	0.5	0.5	0.5	0.5	1	500	602	47	594	8.7	45	946	3	781	376	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	0.5	0.5	0.5	0.5	0.5	1	500	546	30.2	546	0.5	27.9	613	4.04	598	201	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132	30	141	14	30	699	1.7	456	364	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				3	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#2 NHMRC (2011) ADWG - Health (value for dichloromethane)
#3 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#4 NHMRC (2011) ADWG - Health
#5 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Lead	Metals																					PAH/Phenols																			
				Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Thallium (Filtered)	Titanium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4-dimethylphenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene
				µg/L	µg/L	mg/L	µg/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	µg/L	mg/L	µg/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.1	0.2	0.0005	0.1	0.005	0.05	1	0.2	0.1	0.5	1	0.0005	0.0001	0.1	0.0005	1	0.02	0.001	0.2	0.001	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																																											
Vapour Intrusion - Commercial Worker - 4-<8 m																																										
Vapour Intrusion - Commercial Worker - 8 m+																																										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																										
Drinking Water				10[#4]	10[#4]				2[#4]		50[#4]		2000[#4]			0.001[#4]		0.02[#4]															0.01[#4]									
Ecological (Freshwater)				3.4[#10]				0.37[#10]	0.2[#10]				1.4[#10]		1.9[#10]	0.00006[#9]		0.011[#10]					0.008[#10]																			
Recreational				100[#5]	100[#5]				20[#5]		500[#5]		20000[#5]			0.01[#5]		0.2[#5]															0.1[#5]									
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																								
BR_MW01	BR_MW01	WATER	20/12/2013	0.8	6.3	0.0931	<0.1	0.193	<0.05	102	16.7	6.3	5.4	203	0.226	<0.0001	24.1	0.104	38	-	<0.001	1.5	0.352	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BR_MW05	BR_MW05	WATER	19/12/2013	<0.1	5.7	0.184	<0.1	0.049	<0.05	12	<0.2	3.4	<0.5	14	0.526	<0.0001	5.7	0.0233	4	<0.02	-	0.6	0.015	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BR_MW06	BR_MW06	WATER	19/12/2013	<0.1	5.6	0.34	<0.1	0.114	<0.05	46	<0.2	0.3	<0.5	56	0.0709	<0.0001	15	0.0023	4	<0.02	-	2.5	0.006	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Statistical Summary																																										
Number of Results				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects				1	3	3	0	3	0	3	1	3	1	3	3	0	3	3	3	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.1	5.6	0.0931	<0.1	0.049	<0.05	12	<0.2	0.3	<0.5	14	0.0709	<0.0001	5.7	0.0023	4	<0.02	<0.001	0.6	0.006	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Minimum Detect				0.8	5.6	0.0931	ND	0.049	ND	12	16.7	0.3	5.4	14	0.0709	ND	5.7	0.0023	4	ND	ND	0.6	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.8	6.3	0.34	<0.1	0.193	<0.05	102	16.7	6.3	5.4	203	0.526	<0.0001	24.1	0.104	38	<0.02	<0.001	2.5	0.352	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Maximum Detect				0.8	6.3	0.34	ND	0.193	ND	102	16.7	6.3	5.4	203	0.526	ND	24.1	0.104	38	ND	ND	2.5	0.352	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.3	5.9	0.21	0.05	0.12	0.025	53	5.6	3.3	2	91	0.27	0.00005	15	0.043	15			1.5	0.12	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration				0.05	5.7	0.184	0.05	0.114	0.025	46	0.1	3.4	0.25	56	0.226	0.00005	15	0.0233	4	0.01	0.0005	1.5	0.015	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation				0.43	0.38	0.12	0	0.072	0	45	9.6	3	3	99	0.23	0	9.2	0.054	20			0.95	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	1	0	0	3	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#2 NHMRC (2011) ADWG - Health (value for dichloromethane)
#3 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#4 NHMRC (2011) ADWG - Health
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#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

							Solvents					TRH												VOCs		
	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	1	0.5	1	1	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m		NL[#8]										6[#8]	NL[#8]													
Vapour Intrusion - Commercial Worker - 4-<8 m		NL[#7]										6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 8 m+		NL[#6]										7[#6]	NL[#6]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#1]										NL[#1]	NL[#1]													
Drinking Water																										
Ecological (Freshwater)		16[#10]			320[#10]																					
Recreational																										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																							
BR_MW01	BR_MW01	WATER	20/12/2013	<1	<5 - 1.1	1.1	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BR_MW05	BR_MW05	WATER	19/12/2013	<1	<1	1.2	1.2	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	680	190	870 - 895	880	<0.1	0.77	0.11	<0.02	<5	<5	<5
BR_MW06	BR_MW06	WATER	19/12/2013	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																										
Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0
Minimum Concentration	<1	<1	<0.5	<1	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	1.1	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	190	870	880	ND	0.77	0.11	ND	ND	ND	ND
Maximum Concentration	<1	1.1	1.2	1.2	<1	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	680	190	895	880	<0.1	0.77	0.11	<0.02	<5	<5	<5
Maximum Detect	ND	1.1	1.2	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	190	895	880	ND	0.77	0.11	ND	ND	ND	ND
Average Concentration	0.5	0.93	0.85	0.73	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	260	80	311	327	0.05	0.29	0.07	0.01	2.5	2.5	2.5
Median Concentration	0.5	0.5	1.1	0.5	0.5	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0.75	0.52	0.4	0	0	0	0	0	0	0	0	0	0	0	364	95	495	479	0	0.42	0.035	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#2 NHMRC (2011) ADWG - Health (value for dichloromethane)
#3 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#4 NHMRC (2011) ADWG - Health
#5 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BT_MW01	BT_MW01	WATER	19-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																						
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																						
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation																																						
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals							
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water													1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]	
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BT_MW01	BT_MW01	WATER	19-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0065	0.0024	<0.00005	0.0006	0.0023	<0.0001	0.0045	0.049
Statistical Summary																																		
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0065	0.0024	<0.00005	0.0006	0.0023	<0.0001	0.0045	0.049
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0065	0.0024	ND	0.0006	0.0023	ND	0.0045	0.049
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0065	0.0024	<0.00005	0.0006	0.0023	<0.0001	0.0045	0.049
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0065	0.0024	ND	0.0006	0.0023	ND	0.0045	0.049
Average Concentration																																		
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0065	0.0024	0.000025	0.0006	0.0023	0.00005	0.0045	0.049
Standard Deviation																																		
Number of Guideline Exceedances				1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				PAH/Phenols																														Polychlorinated Biphenyls	Solvents				
				2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																											NL[#7]											
Vapour Intrusion - Commercial Worker - 4-<8 m																											NL[#6]											
Vapour Intrusion - Commercial Worker - 8 m+																											NL[#5]											
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																											NL[#8]											
Drinking Water																		0.01[#3]																				
Ecological (Freshwater)					3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]								
Recreational					200[#4]	2000[#4]			3000[#4]									0.1[#4]											100[#4]										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																				
BT_MW01	BT_MW01	WATER	19-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	12.5	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	5.9	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																							
Number of Results				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects				0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	12.5	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	5.9	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	12.5	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	5.9	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																							
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12.5	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	5.9	0.5	0.5	25	25	25	2.5	25
Standard Deviation																																							
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	TRH												VOCs		
	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m	6 #7	NL #7													
Vapour Intrusion - Commercial Worker - 4-<8 m	6 #6	NL #6													
Vapour Intrusion - Commercial Worker - 8 m+	7 #5	NL #5													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+	NL #8	NL #8													
Drinking Water															
Ecological (Freshwater)															
Recreational															
Location Code **Field ID** **Matrix Type** **Sampled Date**															
BT_MW01 BT_MW01 WATER 19-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary															
Number of Results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration															
Median Concentration	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation															
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5u. AEC BU Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																													
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																													
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																													
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]

Location Code	Field ID	Matrix Type	Sampled Date																																			
BU_MW01	BU_MW01	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<50
BU_MW02	BU_MW02	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<50
BU_MW03	BU_MW03	WATER	29-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<50

Statistical Summary

Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	3
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals									
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)	Mercury (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	0.0002	0.0001	0.0005	0.0005	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]				0.002[#3]	0.05[#3]		2[#3]		0.001[#3]
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]	0.00006[#9]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]		0.01[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BU_MW01	BU_MW01	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0309	0.0037	-	-	-	0.0007	0.0007	-	0.0104	-	<0.0001
BU_MW02	BU_MW02	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0398	0.0012	0.0808	0.0006	0.078	0.00068	0.0007	0.0722	0.0142	1.07	<0.0001
BU_MW03	BU_MW03	WATER	29-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0038	0.0069	0.0474	0.0015	0.128	0.00064	0.0021	0.416	0.001	9.8	<0.0001

Statistical Summary

Number of Results	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	3	2	3
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	2	2	3	3	2	3	2	0
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0038	0.0012	0.0474	0.0006	0.078	0.00064	0.0007	0.0722	0.001	1.07	<0.0001
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0038	0.0012	0.0474	0.0006	0.078	0.00064	0.0007	0.0722	0.001	1.07	ND
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0398	0.0069	0.0808	0.0015	0.128	0.0007	0.0021	0.416	0.0142	9.8	<0.0001
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0398	0.0069	0.0808	0.0015	0.128	0.0007	0.0021	0.416	0.0142	9.8	ND
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.025	0.0039				0.00067	0.0012		0.0085		0.00005
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0309	0.0037	0.0641	0.00105	0.103	0.00068	0.0007	0.2441	0.0104	5.435	0.00005
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.019	0.0029				0.000031	0.00081		0.0068		0
Number of Guideline Exceedances	3	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	2	1	3
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	2	1	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
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#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

							PAH/Phenols																												
	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0005	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																														NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																														NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																														NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																														NL[#8]					
Drinking Water		0.02[#3]	0.01[#3]																		0.01[#3]														
Ecological (Freshwater)		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]										100[#4]			
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BU_MW01	BU_MW01	WATER	04-Dec-13	-	0.157	-	-	-	0.423	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BU_MW02	BU_MW02	WATER	29-Nov-13	0.0009	0.0849	0.0012	0.0002	0.0033	0.171	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BU_MW03	BU_MW03	WATER	29-Nov-13	0.0002	0.376	0.0024	0.00014	0.001	0.504	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Statistical Summary																																			
Number of Results	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects	2	3	2	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.0002	0.0849	0.0012	0.00014	0.001	0.171	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Minimum Detect	0.0002	0.0849	0.0012	0.00014	0.001	0.171	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0009	0.376	0.0024	0.0002	0.0033	0.504	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Maximum Detect	0.0009	0.376	0.0024	0.0002	0.0033	0.504	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		0.21				0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Median Concentration	0.00055	0.157	0.0018	0.00017	0.00215	0.423	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Standard Deviation		0.15				0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		Polychlorinated Biphenyls	Solvents					TRH												VOCs		
		PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL		1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m								6 [#7]	NL [#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m								6 [#6]	NL [#6]													
Vapour Intrusion - Commercial Worker - 8 m+								7 [#5]	NL [#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+								NL [#8]	NL [#8]													
Drinking Water																						
Ecological (Freshwater)																						
Recreational																						
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BU_MW01	BU_MW01	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BU_MW02	BU_MW02	WATER	29-Nov-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BU_MW03	BU_MW03	WATER	29-Nov-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																						
Number of Results		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Number of Detects		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration		<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration		<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration		0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration		0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5v. AEC BV Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BV_MW01	BV_MW01	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW04	BV_MW04	WATER	19-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW06	BV_MW06	WATER	05-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW07	BV_MW07	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW08	BV_MW08	WATER	28-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW09	BV_MW09	WATER	28-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW10	BV_MW10	WATER	28-Nov-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW11	BV_MW11	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW12	BV_MW12	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BV_MW13	BV_MW13	WATER	04-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	10
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5v. AEC BV Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals									
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Manganese (Filtered)	Mercury (Filtered)
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.0005	0.0001	0.005	0.00005	0.0002	0.0001	0.0005	0.0005	0.0001
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]				0.002[#3]	0.05[#3]		2[#3]		0.001[#3]
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]	0.00006[#9]
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]		0.01[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BV_MW01	BV_MW01	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0031	0.0012	-	-	-	0.0009	0.002	-	0.0024	-	0.0002
BV_MW04	BV_MW04	WATER	19-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0457	0.0042	-	-	-	0.00034	0.0143	-	0.0069	-	<0.0001
BV_MW06	BV_MW06	WATER	05-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0012	<0.0005	0.018	0.0002	0.215	0.0007	<0.0005	0.041	<0.001	5.82	<0.0001
BV_MW07	BV_MW07	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0117	0.0006	-	-	-	<0.00005	0.0181	-	0.0033	-	<0.0001
BV_MW08	BV_MW08	WATER	28-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0206	0.006	0.0273	0.0179	0.054	0.0006	0.0079	0.477	0.0907	0.632	<0.0001
BV_MW09	BV_MW09	WATER	28-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0041	0.0065	0.0357	0.0141	0.197	0.00166	0.0021	0.574	0.0028	10.7	<0.0001
BV_MW10	BV_MW10	WATER	28-Nov-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0125	0.0004	0.0319	0.0002	0.216	0.00049	<0.0002	0.0277	0.0005	0.199	<0.0001
BV_MW11	BV_MW11	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.0001	0.0013	-	-	-	0.00006	0.0008	-	0.0086	-	<0.0001
BV_MW12	BV_MW12	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0213	0.0154	-	-	-	0.0026	0.0079	-	0.0135	-	0.0002
BV_MW13	BV_MW13	WATER	04-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0066	0.005	-	-	-	0.00038	0.0028	-	0.0179	-	<0.0001
Statistical Summary																																			
Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	4	4	4	10	10	4	10	4	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	4	4	4	9	8	4	9	4	2
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.0001	0.0004	0.018	0.0002	0.054	<0.00005	<0.0002	0.0277	0.0005	0.199	<0.0001
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0012	0.0004	0.018	0.0002	0.054	0.00006	0.0008	0.0277	0.0005	0.199	0.0002
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0457	0.0154	0.0357	0.0179	0.216	0.0026	0.0181	0.574	0.0907	10.7	0.0002
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0457	0.0154	0.0357	0.0179	0.216	0.0026	0.0181	0.574	0.0907	10.7	0.0002
Average Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.013	0.0041	0.028	0.0081	0.17	0.00078	0.0056	0.28	0.015	4.3	0.00008
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.00915	0.00275	0.0296	0.00715	0.206	0.000545	0.00245	0.259	0.0051	3.226	0.00005
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.014	0.0047	0.0076	0.0093	0.078	0.00079	0.0063	0.29	0.027	5	0.000063
Number of Guideline Exceedances	10	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	8	0	0	8	2	10
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	8	0	0	8	2	2

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industr
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

							PAH/Phenols																										
	Molybdenum (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0001	0.0005	0.0002	0.00002	0.0002	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																														NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																														NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																														NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																														NL[#8]					
Drinking Water		0.02[#3]	0.01[#3]																		0.01[#3]														
Ecological (Freshwater)		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]														
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																
BV_MW01	BV_MW01	WATER	04-Dec-13	-	0.367	-	-	-	0.93	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW04	BV_MW04	WATER	19-Dec-13	-	0.0687	-	-	-	0.157	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW06	BV_MW06	WATER	05-Dec-13	0.0017	0.0788	<0.002	0.0004	<0.0005	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW07	BV_MW07	WATER	04-Dec-13	-	0.007	-	-	-	0.038	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW08	BV_MW08	WATER	28-Nov-13	0.0002	1.08	0.0092	0.00031	0.001	2.19	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW09	BV_MW09	WATER	28-Nov-13	0.0002	0.517	0.011	0.0006	0.0019	1.74	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW10	BV_MW10	WATER	28-Nov-13	0.0004	0.0377	0.0006	0.0001	0.0012	0.056	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW11	BV_MW11	WATER	04-Dec-13	-	0.0939	-	-	-	0.047	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW12	BV_MW12	WATER	04-Dec-13	-	0.781	-	-	-	2.75	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BV_MW13	BV_MW13	WATER	04-Dec-13	-	0.362	-	-	-	0.859	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Statistical Summary																																			
Number of Results	4	10	4	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	4	10	3	4	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	0.0002	0.007	0.0006	0.0001	<0.0005	0.031	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Minimum Detect	0.0002	0.007	0.0006	0.0001	0.001	0.031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0017	1.08	0.011	0.0006	0.0019	2.75	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Maximum Detect	0.0017	1.08	0.011	0.0006	0.0019	2.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.00063	0.34	0.0055	0.00035	0.0011	0.88	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Median Concentration	0.0003	0.22795	0.0051	0.000355	0.0011	0.508	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Standard Deviation	0.00072	0.36	0.0054	0.00021	0.00068	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	9	2	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	9	2	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Polychlorinated Biphenyls	Solvents					TRH												VOCs		
	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	1	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m							6 #7	NL #7													
Vapour Intrusion - Commercial Worker - 4-<8 m							6 #6	NL #6													
Vapour Intrusion - Commercial Worker - 8 m+							7 #5	NL #5													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+							NL #8	NL #8													
Drinking Water																					
Ecological (Freshwater)																					
Recreational																					
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BV_MW01	BV_MW01	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW04	BV_MW04	WATER	19-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW06	BV_MW06	WATER	05-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW07	BV_MW07	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW08	BV_MW08	WATER	28-Nov-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW09	BV_MW09	WATER	28-Nov-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW10	BV_MW10	WATER	28-Nov-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW11	BV_MW11	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW12	BV_MW12	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BV_MW13	BV_MW13	WATER	04-Dec-13	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																								
Number of Results	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<1	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5	2.5	2.5	2.5
Median Concentration	0.5	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indust
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				BTEX							Lead	Metals								
				Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Total BTEX	Lead	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (III+VI)	Cobalt	Copper	Manganese
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				1	2	2	2	2	2	0.001	0.001	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.001
Ecological (Freshwater)				950[#10]			350[#10]				0.0034[#10]				0.37[#10]	0.0002[#10]			0.0014[#10]	1.9[#10]
Recreational				10[#4]	8000[#4]	3000[#4]			6000[#4]		0.1[#4]	0.1[#4]				0.02[#4]	0.5[#4]		20[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BW_SS01	BW_SS01	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.058	<0.001	0.11	<0.0001	0.001	0.007	<0.001	1.85
BW_SS06	BW_SS06	WATER	06-Dec-13	<1	<2	<2	<2	<2	<2	<0.001	0.001	<0.001	0.061	<0.001	0.17	<0.0001	<0.001	<0.001	0.008	0.048
BW_SS07	BW_SS07	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	0.001	0.02	0.088	<0.001	3.23	0.0004	0.003	0.001	0.008	0.036
BW_SS08	BW_SS08	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.017	0.094	<0.001	3.57	0.0003	0.003	<0.001	0.006	0.043
BW_SS09	BW_SS09	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.008	0.073	<0.001	3.22	<0.0001	0.001	<0.001	0.005	0.104
BW_SS10	BW_SS10	WATER	06-Dec-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.009	0.056	<0.001	3.53	0.0004	<0.001	<0.001	0.002	0.034
BW_SS11	BW_SS11	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.092	<0.001	0.87	<0.0001	<0.001	<0.001	0.005	0.014
BW_SS12	BW_SS12	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.09	<0.001	0.88	<0.0001	<0.001	<0.001	0.006	0.014
BW_SS13	BW_SS13	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.093	<0.001	0.85	<0.0001	<0.001	<0.001	0.005	0.016
BW_SS14	BW_SS14	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	<0.001	0.053	<0.001	0.09	<0.0001	<0.001	<0.001	0.001	0.073
BW_SS15	BW_SS15	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.001	0.052	<0.001	0.08	<0.0001	0.004	<0.001	0.002	0.081
BW_SS16	BW_SS16	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.094	<0.001	0.87	<0.0001	<0.001	<0.001	0.004	0.011
BW_SS17	BW_SS17	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.092	<0.001	0.84	<0.0001	<0.001	<0.001	0.004	0.006
BW_SS18	BW_SS18	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.089	<0.001	0.86	<0.0001	<0.001	<0.001	0.004	0.01
BW_SS19	BW_SS19	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.093	<0.001	0.84	<0.0001	<0.001	<0.001	0.006	0.006
BW_SS20	BW_SS20	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.003	0.088	<0.001	0.8	<0.0001	<0.001	<0.001	0.004	0.006
BW_SS21	BW_SS21	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.088	<0.001	0.82	<0.0001	<0.001	<0.001	0.003	0.005
BW_SS22	BW_SS22	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.091	<0.001	0.83	<0.0001	<0.001	<0.001	0.004	0.02
BW_SS23	BW_SS23	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.09	<0.001	0.82	<0.0001	<0.001	<0.001	0.004	0.019
BW_SS24	BW_SS24	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.092	<0.001	0.8	<0.0001	<0.001	<0.001	0.003	0.009
BW_SS25	BW_SS25	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.116	<0.001	1.14	<0.0001	<0.001	<0.001	0.005	0.006
BW_SS26	BW_SS26	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	0.002	0.005	0.112	<0.001	0.86	<0.0001	<0.001	<0.001	0.004	0.008
BW_SS27	BW_SS27	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.002	0.086	<0.001	0.87	<0.0001	<0.001	<0.001	0.004	0.006
BW_SS28	BW_SS28	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.003	0.089	<0.001	0.94	<0.0001	<0.001	<0.001	0.004	0.007
BW_SS29	BW_SS29	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.003	0.092	<0.001	0.92	<0.0001	<0.001	<0.001	0.004	0.004
BW_SS30	BW_SS30	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.091	<0.001	0.9	<0.0001	<0.001	<0.001	0.004	0.005
BW_SS31	BW_SS31	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.003	0.09	<0.001	0.93	<0.0001	<0.001	<0.001	0.004	0.006
BW_SS32	BW_SS32	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.094	<0.001	0.94	<0.0001	<0.001	<0.001	0.004	0.005
BW_SS33	BW_SS33	WATER	28-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.088	<0.001	0.82	<0.0001	<0.001	<0.001	0.004	0.007
BW_SS34	BW_SS34	WATER	29-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.084	<0.001	0.85	<0.0001	<0.001	<0.001	0.005	0.005
BW_SS35	BW_SS35	WATER	26-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.084	<0.001	0.83	<0.0001	0.001	<0.001	0.01	0.01
BW_SS36	BW_SS36	WATER	26-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.085	<0.001	0.81	<0.0001	<0.001	<0.001	0.006	0.007
BW_SS37	BW_SS37	WATER	26-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.092	<0.001	0.88	<0.0001	<0.001	<0.001	0.007	0.012
BW_SS38	BW_SS38	WATER	26-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.092	<0.001	0.91	<0.0001	<0.001	<0.001	0.008	0.014
BW_SS39	BW_SS39	WATER	26-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	0.002	0.012	0.098	<0.001	0.93	<0.0001	0.003	<0.001	0.011	0.02
BW_SS40	BW_SS40	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.098	<0.001	0.9	0.0001	0.004	<0.001	0.005	0.008
BW_SS41	BW_SS41	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.096	<0.001	0.9	<0.0001	<0.001	<0.001	0.005	0.007
BW_SS42	BW_SS42	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.092	<0.001	0.88	<0.0001	<0.001	<0.001	0.005	0.006
BW_SS43	BW_SS43	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.095	<0.001	0.92	<0.0001	<0.001	<0.001	0.005	0.007
BW_SS45	BW_SS45	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.092	<0.001	0.85	<0.0001	<0.001	<0.001	0.005	0.015
BW_SS46	BW_SS46	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.095	<0.001	0.91	<0.0001	<0.001	<0.001	0.005	0.016
BW_SS47	BW_SS47	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.094	<0.001	0.89	<0.0001	0.001	<0.001	0.005	0.017
BW_SS48	BW_SS48	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.095	<0.001	0.9	<0.0001	<0.001	<0.001	0.005	0.014
BW_SS49	BW_SS49	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.1	<0.001	0.9	<0.0001	<0.001	<0.001	0.004	0.01
BW_SS50	BW_SS50	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.092	<0.001	0.86	<0.0001	<0.001	<0.001	0.005	0.011
BW_SS51	BW_SS51	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.09	<0.001	0.87	<0.0001	<0.001	<0.001	0.004	0.007
BW_SS52	BW_SS52	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.004	0.092	<0.001	0.83	<0.0001	<0.001	<0.001	0.005	0.016
BW_SS53	BW_SS53	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.006	0.093	<0.001	0.94	<0.0001	<0.001	<0.001	0.004	0.007
BW_SS54	BW_SS54	WATER	27-Nov-13	<1	<2	<2	<2	<2	<2	<0.001	<0.001	0.005	0.093	<0.001	0.88	<0.0001	0.001	<0.001	0.006	0.014
Statistical Summary																				
Number of Results				49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Number of Detects				0	0	0	0	0	0	0	4	47	49	0	49	4	10	2	48	49
Minimum Concentration				<1	<2	<2	<2	<2	<2	<0.001	<0.001	<0.001	0.052	<0.001	0.08	<0.0001	<0.001	<0.001	<0.001	0.004
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	0.001	0.001	0.052	ND	0.08	0.0001	0.001	0.001	0.001	0.004
Maximum Concentration				<1	<2	<2	<2	<2	<2	<0.001	0.002	0.02	0.116	<0.001	3.57	0.0004	0.004	0.007	0.011	1.85
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	0.002	0.02	0.116	ND	3.57	0.0004	0.004	0.007	0.011	1.85
Average Concentration				0.5	1	1	1	1	1	0.0005	0.00058	0.0052	0.089	0.0005	1	0.00007	0.00085	0.00064	0.0048	0.055
Median Concentration				0.5	1	1	1	1	1	0.0005	0.0005	0.005	0.092	0.0005	0.87	0.00005	0.0005	0.0005	0.005	0.01
Standard Deviation				0	0	0	0	0	0	0	0.00031	0.0034	0.013	0	0.75	0.000078	0.0009	0.00093	0.0019	0.26
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	45	3	0	0	47	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	45	3	0	0	47	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

									PAH/Phenols																					
				Mercury	Molybdenum	Nickel	Selenium	Thallium	Vanadium	Zinc	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.0001	0.001	0.001	0.01	0.001	0.01	0.005	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1
Ecological (Freshwater)				0.00006[#9]		0.011[#10]	0.005[#9]			0.008[#10]		3[#9]	120[#9]			340[#9]																
Recreational				0.01[#4]		0.2[#4]	0.1[#4]					200[#4]	2000[#4]			3000[#4]									0.1[#4]							
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																													
BW_SS01	BW_SS01	WATER	28-Nov-13	<0.0001	0.002	0.006	<0.01	<0.001	<0.01	0.014	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS06	BW_SS06	WATER	06-Dec-13	<0.0001	0.011	0.004	<0.01	<0.001	<0.01	0.038	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS07	BW_SS07	WATER	28-Nov-13	<0.0001	0.342	0.013	0.03	<0.001	0.02	0.011	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS08	BW_SS08	WATER	28-Nov-13	<0.0001	0.372	0.014	0.03	<0.001	0.02	0.007	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS09	BW_SS09	WATER	28-Nov-13	<0.0001	0.3	0.018	0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS10	BW_SS10	WATER	06-Dec-13	<0.0001	0.275	0.017	0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS11	BW_SS11	WATER	27-Nov-13	<0.0001	0.096	0.005	<0.01	<0.001	<0.01	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS12	BW_SS12	WATER	27-Nov-13	<0.0001	0.096	0.004	0.01	<0.001	0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS13	BW_SS13	WATER	27-Nov-13	<0.0001	0.098	0.004	0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS14	BW_SS14	WATER	27-Nov-13	<0.0001	0.004	0.001	<0.01	<0.001	<0.01	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS15	BW_SS15	WATER	27-Nov-13	<0.0001	0.003	0.002	<0.01	<0.001	<0.01	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS16	BW_SS16	WATER	27-Nov-13	<0.0001	0.102	0.005	0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS17	BW_SS17	WATER	27-Nov-13	<0.0001	0.098	0.004	0.01	<0.001	<0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS18	BW_SS18	WATER	27-Nov-13	<0.0001	0.098	0.004	<0.01	<0.001	0.01	0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS19	BW_SS19	WATER	28-Nov-13	<0.0001	0.1	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS20	BW_SS20	WATER	28-Nov-13	<0.0001	0.095	0.004	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS21	BW_SS21	WATER	28-Nov-13	<0.0001	0.095	0.004	<0.01	<0.001	0.01	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS22	BW_SS22	WATER	28-Nov-13	<0.0001	0.097	0.004	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS23	BW_SS23	WATER	28-Nov-13	<0.0001	0.097	0.004	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS24	BW_SS24	WATER	28-Nov-13	<0.0001	0.095	0.004	<0.01	<0.001	0.01	0.008	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS25	BW_SS25	WATER	29-Nov-13	<0.0001	0.126	0.006	0.01	<0.001	0.01	0.008	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS26	BW_SS26	WATER	28-Nov-13	<0.0001	0.102	0.004	<0.01	<0.001	0.01	0.012	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS27	BW_SS27	WATER	29-Nov-13	<0.0001	0.092	0.005	<0.01	<0.001	<0.01	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS28	BW_SS28	WATER	29-Nov-13	<0.0001	0.095	0.004	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS29	BW_SS29	WATER	29-Nov-13	<0.0001	0.102	0.005	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS30	BW_SS30	WATER	29-Nov-13	<0.0001	0.1	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS31	BW_SS31	WATER	29-Nov-13	<0.0001	0.105	0.004	0.01	<0.001	<0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS32	BW_SS32	WATER	29-Nov-13	<0.0001	0.105	0.004	<0.01	<0.001	<0.01	0.007	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS33	BW_SS33	WATER	28-Nov-13	<0.0001	0.098	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS34	BW_SS34	WATER	29-Nov-13	<0.0001	0.093	0.005	<0.01	<0.001	<0.01	0.017	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS35	BW_SS35	WATER	26-Nov-13	<0.0001	0.099	0.004	<0.01	<0.001	0.01	0.015	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS36	BW_SS36	WATER	26-Nov-13	<0.0001	0.097	0.005	<0.01	<0.001	0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS37	BW_SS37	WATER	26-Nov-13	<0.0001	0.107	0.005	<0.01	<0.001	0.02	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS38	BW_SS38	WATER	26-Nov-13	<0.0001	0.107	0.006	<0.01	<0.001	0.02	0.008	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS39	BW_SS39	WATER	26-Nov-13	<0.0001	0.12	0.005	0.01	<0.001	0.04	0.011	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS40	BW_SS40	WATER	27-Nov-13	<0.0001	0.105	0.004	<0.01	<0.001	0.01	0.013	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS41	BW_SS41	WATER	27-Nov-13	<0.0001	0.099	0.004	<0.01	<0.001	0.02	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS42	BW_SS42	WATER	27-Nov-13	<0.0001	0.098	0.005	0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS43	BW_SS43	WATER	27-Nov-13	<0.0001	0.098	0.005	<0.01	<0.001	0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS45	BW_SS45	WATER	27-Nov-13	<0.0001	0.096	0.004	<0.01	<0.001	0.01	0.009	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS46	BW_SS46	WATER	27-Nov-13	<0.0001	0.099	0.005	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS47	BW_SS47	WATER	27-Nov-13	<0.0001	0.098	0.004	<0.01	<0.001	<0.01	0.006	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS48	BW_SS48	WATER	27-Nov-13	<0.0001	0.095	0.005	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS49	BW_SS49	WATER	27-Nov-13	<0.0001	0.099	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS50	BW_SS50	WATER	27-Nov-13	<0.0001	0.096	0.004	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS51	BW_SS51	WATER	27-Nov-13	<0.0001	0.096	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS52	BW_SS52	WATER	27-Nov-13	<0.0001	0.095	0.004	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS53	BW_SS53	WATER	27-Nov-13	<0.0001	0.1	0.004	<0.01	<0.001	0.01	0.012	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
BW_SS54	BW_SS54	WATER	27-Nov-13	<0.0001	0.098	0.005	<0.01	<0.001	0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Statistical Summary																																
Number of Results				49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Number of Detects				0	49	49	12	0	27	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.0001	0.002	0.001	<0.01	<0.001	<0.01	<0.005	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Minimum Detect				ND	0.002	0.001	0.01	ND	0.01	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.0001	0.372	0.018	0.03	<0.001	0.04	0.038	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1
Maximum Detect				ND	0.372	0.018	0.03	ND	0.04	0.038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.00005	0.11	0.0052	0.007	0.0005	0.0094	0.007	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Median Concentration				0.00005	0.098	0.004	0.005	0.0005	0.01	0.006	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation				0	0.07	0.0033	0.0052	0	0.0063	0.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				49	0	4	49	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	4	12	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

									TRH											
				Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
EQL				1	1	0.5	2	1	1	1	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02
Ecological (Freshwater)					16[#10]		3.6[#9]		320[#10]													
Recreational							100[#4]															
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																			
BW_SS01	BW_SS01	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS06	BW_SS06	WATER	06-Dec-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS07	BW_SS07	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS08	BW_SS08	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS09	BW_SS09	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS10	BW_SS10	WATER	06-Dec-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS11	BW_SS11	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS12	BW_SS12	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS13	BW_SS13	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS14	BW_SS14	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS15	BW_SS15	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS16	BW_SS16	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS17	BW_SS17	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS18	BW_SS18	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS19	BW_SS19	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS20	BW_SS20	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS21	BW_SS21	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS22	BW_SS22	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS23	BW_SS23	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS24	BW_SS24	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS25	BW_SS25	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS26	BW_SS26	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS27	BW_SS27	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS28	BW_SS28	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS29	BW_SS29	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS30	BW_SS30	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS31	BW_SS31	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS32	BW_SS32	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS33	BW_SS33	WATER	28-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS34	BW_SS34	WATER	29-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	-	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS35	BW_SS35	WATER	26-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS36	BW_SS36	WATER	26-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS37	BW_SS37	WATER	26-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS38	BW_SS38	WATER	26-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS39	BW_SS39	WATER	26-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS40	BW_SS40	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS41	BW_SS41	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS42	BW_SS42	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS43	BW_SS43	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS45	BW_SS45	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS46	BW_SS46	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS47	BW_SS47	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS48	BW_SS48	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS49	BW_SS49	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS50	BW_SS50	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS51	BW_SS51	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS52	BW_SS52	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS53	BW_SS53	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
BW_SS54	BW_SS54	WATER	27-Nov-13	<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
Statistical Summary																						
Number of Results				49	49	49	49	49	49	49	49	41	49	49	49	49	49	49	49	49	49	49
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<0.5	<2	<1	<1	<1	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.5	0.5	0.25	1	0.5	0.5	0.5	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01
Median Concentration				0.5	0.5	0.25	1	0.5	0.5	0.5	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						30[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BX_MW01	BX_MW01	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BX_MW03	BX_MW03	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																					
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation																																					
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	2
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

ERM

Table 5x. AEC BX Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

	Halogenated Benzenes									Halogenated Hydrocarbons					MAH									Lead	Metals							PFOA	PFOS	
	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	Perfluorooctanoate	6:2 Fluorotelomer Sulfonate (6:2 FtS)	PFOS
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	5	5	5	5	5	5	5	5	5	5	50	50	5	50	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	0.0002	0.0005	0.0001	0.0005	0.001	0.02	0.1	0.02
Vapour Intrusion - Commercial Worker - 2-<4 m																																		
Vapour Intrusion - Commercial Worker - 4-<8 m																																		
Vapour Intrusion - Commercial Worker - 8 m+																																		
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																																		
Drinking Water										1[#3]	1[#3]											30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	0.05[#3]	2[#3]	0.001[#3]	0.02[#3]				
Ecological (Freshwater)	3[#9]	85[#9]	160[#10]	260[#10]	60[#10]																			0.0034[#10]		0.0002[#10]		0.0014[#10]	0.00006[#9]	0.011[#10]	0.008[#10]			
Recreational	5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]											300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	0.5[#4]	20[#4]	0.01[#4]	0.2[#4]				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																															
BX_MW01	BX_MW01	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.464	0.0065	0.00026	0.0143	0.0253	<0.0001	0.15	0.119	<0.02	<0.1	<0.02
BX_MW03	BX_MW03	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0027	0.0011	0.00894	0.0003	0.0054	<0.0001	1.15	1.08	<0.02	<0.1	<0.02
Statistical Summary																																		
Number of Results	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	0	2	2	0	0	0
Minimum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0027	0.0011	0.00026	0.0003	0.0054	<0.0001	0.15	0.119	<0.02	<0.1	<0.02
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0027	0.0011	0.00026	0.0003	0.0054	ND	0.15	0.119	ND	ND	ND
Maximum Concentration	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.464	0.0065	0.00894	0.0143	0.0253	<0.0001	1.15	1.08	<0.02	<0.1	<0.02
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.464	0.0065	0.00894	0.0143	0.0253	ND	1.15	1.08	ND	ND	ND
Average Concentration																																		
Median Concentration	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.23335	0.0038	0.0046	0.0073	0.01535	0.00005	0.65	0.5995	0.01	0.05	0.01
Standard Deviation																																		
Number of Guideline Exceedances	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	2	2	2	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	0	2	2	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

						PAH/Phenols																												Polychlorinated Biphenyls	Solvents					
						2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	PCBs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	0.5	2	1	1	1	1	50	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																												NL[#7]											
Vapour Intrusion - Commercial Worker - 4-<8 m																												NL[#6]											
Vapour Intrusion - Commercial Worker - 8 m+																												NL[#5]											
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																												NL[#8]											
Drinking Water																				0.01[#3]																			
Ecological (Freshwater)							3[#9]	120[#9]			340[#9]																	16[#10]		3.6[#9]		320[#10]								
Recreational							200[#4]	2000[#4]			3000[#4]									0.1[#4]										100[#4]										
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																					
BX_MW01	BX_MW01	WATER	18-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	18.2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	31.3	<1	<1	<50	<50	<50	<5	<50
BX_MW03	BX_MW03	WATER	11-Dec-13	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
Statistical Summary																																								
Number of Results				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects				0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Minimum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1	<1	<50	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	18.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<1	<1	<1	<1	<1	<1	<1	<1	18.2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	31.3	<1	<1	<50	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	18.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.3	ND	ND	ND	ND	ND	ND	ND
Average Concentration																																								
Median Concentration				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	9.6	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	15.9	0.5	0.5	25	25	25	2.5	25
Standard Deviation																																								
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

				TRH												VOCs		
				C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
				mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL				0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m				6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m				6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+				7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+				NL[#8]	NL[#8]													
Drinking Water																		
Ecological (Freshwater)																		
Recreational																		
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**															
BX_MW01	BX_MW01	WATER	18-Dec-13	<0.02	<0.1	<20	70	<100	<50	70 - 145	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BX_MW03	BX_MW03	WATER	11-Dec-13	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Statistical Summary																		
Number of Results				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Number of Detects				0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Minimum Concentration				<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect				ND	ND	ND	70	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.02	<0.1	<20	70	<100	<50	145	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect				ND	ND	ND	70	ND	ND	145	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration																		
Median Concentration				0.01	0.05	10	47.5	50	25	66.25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation																		
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Indus
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

		BTEX							Chlorinated Hydrocarbons																												
	Benzo(a)pyrene TEQ (zero)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Hexachlorobutadiene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	1	2	2	2	2	2	0.001	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	5	50	5	5	5	5	5	5	5	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m		5000[#7]	NL[#7]	NL[#7]			NL[#7]																														
Vapour Intrusion - Commercial Worker - 4-<8 m		5000[#6]	NL[#6]	NL[#6]			NL[#6]																														
Vapour Intrusion - Commercial Worker - 8 m+		5000[#5]	NL[#5]	NL[#5]			NL[#5]																														
Vapour Intrusion - Intrusive Maint Worker 2m -8m+		NL[#8]	NL[#8]	NL[#8]			NL[#8]																														
Drinking Water		1[#3]	800[#3]	300[#3]			600[#3]							30[#3]				3[#3]										4[#1]	60[#2]			0.7[#3]		50[#3]	60[#2]		0.3[#3]
Ecological (Freshwater)		950[#10]				350[#10]						6500[#10]																									
Recreational		10[#4]	8000[#4]	3000[#4]			6000[#4]							300[#4]				30[#4]						300[#4]			19100[#4]	40[#4]	600[#4]			7[#4]	200[#4]	500[#4]	600[#4]		3[#4]
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																																		
BY_MW12	BY_MW12	WATER	17-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BY_MW21	BY_MW21	WATER	11-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BY_MW24	BY_MW24	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BY_MW25	BY_MW25	WATER	17-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BY_MW26	BY_MW26	WATER	18-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
BY_MW29	BY_MW29	WATER	20-Dec-13	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Statistical Summary																																					
Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<1	<2	<2	<2	<2	<2	<0.001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5	<50	<5	<5	<5	<5	<5	<5	<5	<50
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Median Concentration	0.25	0.5	1	1	1	1	1	0.0005	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	2.5	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0	0	6
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
#4 NHMRC (2008) Guidelines for Managing Risks in Recreational Water
#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 8 m+ Sandy Soils
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 4-<8 m Sandy Soils
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industrial) 2-<4 m Sandy Soils
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

Table 5y. AEC BY Groundwater Summary
Bayswater Power Station - Stage 2 ESA
Project Symphony - 0224193

				Halogenated Benzenes									Halogenated Hydrocarbons				
				1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				5	5	5	5	5	5	5	5	5	5	50	50	5	50
Vapour Intrusion - Commercial Worker - 2-<4 m																	
Vapour Intrusion - Commercial Worker - 4-<8 m																	
Vapour Intrusion - Commercial Worker - 8 m+																	
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																	
Drinking Water													1[#3]	1[#3]			
Ecological (Freshwater)				3[#9]	85[#9]	160[#10]	260[#10]	60[#10]									
Recreational				5930[#4]	7430[#4]	15000[#4]		400[#4]					10[#4]	10[#4]			
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**														
BY_MW12	BY_MW12	WATER	17-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
BY_MW21	BY_MW21	WATER	11-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
BY_MW24	BY_MW24	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
BY_MW25	BY_MW25	WATER	17-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
BY_MW26	BY_MW26	WATER	18-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
BY_MW29	BY_MW29	WATER	20-Dec-13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
Statistical Summary																	
Number of Results				6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50	<5	<50
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25
Median Concentration				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25	25	2.5	25
Standard Deviation				0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances				6	0	0	0	0	0	0	0	0	6	6	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0

				Inorganics										MAH									Lead			
				Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Anions Total	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Cations Total	Chloride	Ionic Balance	Sodium (Filtered)	Sulphate as S (Filtered)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Lead (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Calcium (Filtered)
				µg/L	mg/L	meq/L	mg/L	mg/L	meq/L	mg/L	%	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
EQL				1000	1	0.01	1	1	0.01	1	0.01	1	1	5	5	5	5	5	5	5	5	5	0.0001	0.0002	0.00005	1
Vapour Intrusion - Commercial Worker - 2-<4 m																										
Vapour Intrusion - Commercial Worker - 4-<8 m																										
Vapour Intrusion - Commercial Worker - 8 m+																										
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																										
Drinking Water																					30[#3]		0.01[#3]	0.01[#3]	0.002[#3]	
Ecological (Freshwater)																							0.0034[#10]		0.0002[#10]	
Recreational																					300[#4]		0.1[#4]	0.1[#4]	0.02[#4]	
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																							
BY_MW12	BY_MW12	WATER	17-Dec-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0073	0.0003	0.00201	-
BY_MW21	BY_MW21	WATER	11-Dec-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0572	0.0008	0.00131	-
BY_MW24	BY_MW24	WATER	18-Dec-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0482	0.0164	0.00306	-
BY_MW25	BY_MW25	WATER	17-Dec-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0375	0.001	0.00226	-
BY_MW26	BY_MW26	WATER	18-Dec-13	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0097	0.001	0.00006	-
BY_MW29	BY_MW29	WATER	20-Dec-13	<1000	478	47.2	478	<1	46	650	1.36	655	928	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.158	0.0106	0.00008	86
Statistical Summary																										
Number of Results				1	1	1	1	1	1	1	1	1	1	6	6	6	6	6	6	6	6	6	6	6	6	1
Number of Detects				0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	6	6	6	1
Minimum Concentration				<1000	478	47.2	478	<1	46	650	1.36	655	928	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.0073	0.0003	0.00006	86
Minimum Detect				ND	478	47.2	478	ND	46	650	1.36	655	928	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0003	0.00006	86
Maximum Concentration				<1000	478	47.2	478	<1	46	650	1.36	655	928	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.158	0.0164	0.00306	86
Maximum Detect				ND	478	47.2	478	ND	46	650	1.36	655	928	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.158	0.0164	0.00306	86
Average Concentration														2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.053	0.005	0.0015	
Median Concentration				500	478	47.2	478	0.5	46	650	1.36	655	928	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.04285	0.001	0.00166	86
Standard Deviation														0	0	0	0	0	0	0	0	0	0.055	0.0068	0.0012	
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	4	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	4	0

Comments
#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#5 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#6 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industri
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Metals							PAH/Phenols																													
	Chromium (III+VI) (Filtered)	Copper (Filtered)	Magnesium (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Zinc (Filtered)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4-chloro-3-methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.0002	0.0005	1	0.0001	0.0005	1	0.001	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	0.5	2	1	1	1
Vapour Intrusion - Commercial Worker - 2-<4 m																															NL[#7]					
Vapour Intrusion - Commercial Worker - 4-<8 m																															NL[#6]					
Vapour Intrusion - Commercial Worker - 8 m+																															NL[#5]					
Vapour Intrusion - Intrusive Maint Worker 2m -8m+																															NL[#8]					
Drinking Water	0.05[#3]	2[#3]		0.001[#3]	0.02[#3]																	0.01[#3]														
Ecological (Freshwater)		0.0014[#10]		0.00006[#9]	0.011[#10]		0.008[#10]		3[#9]	120[#9]			340[#9]																		16[#10]		3.6[#9]		320[#10]	
Recreational	0.5[#4]	20[#4]		0.01[#4]	0.2[#4]				200[#4]	2000[#4]			3000[#4]									0.1[#4]														

Location Code	Field ID	Matrix Type	Sampled Date																																			
BY_MW12	BY_MW12	WATER	17-Dec-13	0.0002	0.0019	-	<0.0001	0.354	-	0.451	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BY_MW21	BY_MW21	WATER	11-Dec-13	0.0002	0.0044	-	<0.0001	0.0608	-	0.043	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<2	<1	<1	<1
BY_MW24	BY_MW24	WATER	18-Dec-13	0.0101	0.0601	-	<0.0001	0.853	-	3.25	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BY_MW25	BY_MW25	WATER	17-Dec-13	<0.0002	0.0032	-	<0.0001	0.195	-	0.142	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BY_MW26	BY_MW26	WATER	18-Dec-13	0.0003	0.0131	-	<0.0001	0.007	-	0.032	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
BY_MW29	BY_MW29	WATER	20-Dec-13	0.0037	0.0086	154	<0.0001	0.0082	20	0.026	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1

Statistical Summary

Number of Results	6	6	1	6	6	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6
Number of Detects	5	6	1	0	6	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.0002	0.0019	154	<0.0001	0.007	20	0.026	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Minimum Detect	0.0002	0.0019	154	ND	0.007	20	0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	0.0101	0.0601	154	<0.0001	0.853	20	3.25	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<2	<1	<1	<1
Maximum Detect	0.0101	0.0601	154	ND	0.853	20	3.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.0024	0.015		0.00005	0.25		0.66	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Median Concentration	0.00025	0.0065	154	0.00005	0.1279	20	0.0925	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	1	0.5	0.5	0.5
Standard Deviation	0.004	0.022		0	0.33		1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	6	0	6	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	6	0	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

	Solvents					TRH												VOCs		
	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Carbon disulfide	Vinyl acetate	C6-C10 less BTEX (F1)	> C10 - C16 Less Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	C10-C16	C16-C34	C34-C40	C6-C10	cis-1,4-Dichloro-2-butene	Pentachloroethane	trans-1,4-Dichloro-2-butene
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
EQL	50	50	50	5	50	0.02	0.1	20	50	100	50	50	100	0.1	0.1	0.1	0.02	5	5	5
Vapour Intrusion - Commercial Worker - 2-<4 m						6[#7]	NL[#7]													
Vapour Intrusion - Commercial Worker - 4-<8 m						6[#6]	NL[#6]													
Vapour Intrusion - Commercial Worker - 8 m+						7[#5]	NL[#5]													
Vapour Intrusion - Intrusive Maint Worker 2m -8m+						NL[#8]	NL[#8]													
Drinking Water																				
Ecological (Freshwater)																				
Recreational																				
Location Code	**Field ID**	**Matrix Type**	**Sampled Date**																	
BY_MW12	BY_MW12	WATER	17-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BY_MW21	BY_MW21	WATER	11-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BY_MW24	BY_MW24	WATER	18-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BY_MW25	BY_MW25	WATER	17-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BY_MW26	BY_MW26	WATER	18-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
BY_MW29	BY_MW29	WATER	20-Dec-13	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5

Statistical Summary

Number of Results	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<50	<50	<50	<5	<50	<0.02	<0.1	<20	<50	<100	<50	<50	<100	<0.1	<0.1	<0.1	<0.02	<5	<5	<5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Median Concentration	25	25	25	2.5	25	0.01	0.05	10	25	50	25	25	50	0.05	0.05	0.05	0.01	2.5	2.5	2.5
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Comments

#1 NHMRC (2011) ADWG - Health (value for dichloromethane)
#2 NHMRC (2011) ADWG - Health (total 1,2-dichloroethene)
#3 NHMRC (2011) ADWG - Health
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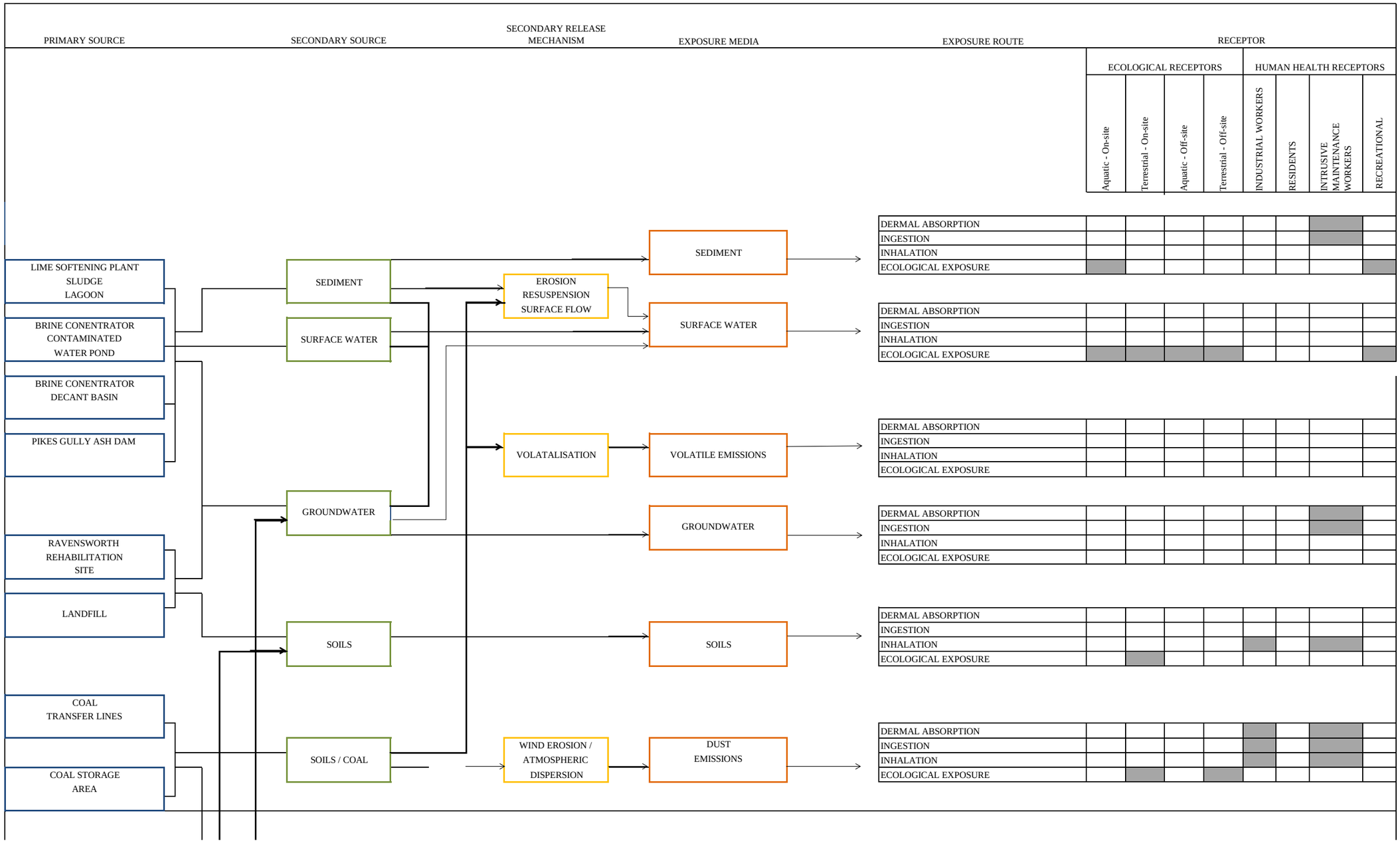
#7 ASC NEPM (2013) HSL for vapour intrusion HSL-D (Commercial/Industria
#8 ASC NEPM (2013) HSL for Intrusive Maint Workers 2m -8m+
#9 ANZECC 2000 Freshwater for the protection of 99% of species
#10 ANZECC 2000 Freshwater for the protection of 95% of species

AEC	AEC Name	Adjacent Surface water Receptor	Ultimate receiver (receptor)
BA	Brine Concentrator Holding Pond	Can receive/discharge from Freshwater Dam. Discharges to Pikes Gully Ash Dam	Pikes Creek and Pikes Gully, Bayswater creek, Hunter River Potentially Freshwater Dam
BB	Brine Concentrator Decant Basin	Intermittent stream to the north west, then flows west to Saltwater Creek which flow south	Plashett Reservoir
BC	Fuel Oil Installation	1. Discharges to Pikes Gully Ash Dam; or 2. Cooling-wate make-up pond	1. Pikes Creek and Pikes Gully, Bayswater creek, Hunter River 2. Tinkers Creek (Lake Liddell)
BD	Vehicle Refuelling Depot	Intermittent stream to the north east, which flows north east to Chilcott's Gully	Lake Liddell
BE	Coal Storage Area	1. Tinkers Creek to the North; and 2. Chilcott's Gully	1. Lake Liddell 2. Lake Liddell
BF	Coal Unloaders, Rail Infrastructure and Coal Transfer Lines - Antiene	Maidswater Creek, flow adjacent to the Site, then south east into Lake Liddell	Lake Liddell
BF	Coal Unloaders, Rail Infrastructure and Coal Transfer Lines - Ravensworth	Bowmans Creek, flows adajcent to the Site, then south into Hunter River	Hunter River
BF	Coal Unloaders, Rail Infrastructure and Coal Transfer Lines - Western Rail Line	Intermittent Stream into Saltwater creek which flows south	Plashett Reservoir
BG	Contaminated Water Treatment Plant	Intermittent strean into Chilcott's Gully	Lake Liddell
BH	Cooling Water Treatment Plants	1. Intermittent stream/Tinkers Creek 2. Chilcott's Gully	1. Lake Liddell 2. Lake Liddell
BI	Demineraliser Plant	Intermittent strean into Chilcott's Gully	Lake Liddell
BJ	Former Contractor Staging Area	Intermittent stream into Saltwater Creek	Plashett Reservoir
BK	Former Large Items Assembly Area	Tinkers Creek	Lake Liddell
BL	Generator Transformer Areas	Intermittent stream into Chilcott's Gully	Lake Liddell
BM	Landfill	1. Intermittent stream into Saltwater Creek 2. Freshwater Dam/ Tinkers Creek	1. Plashett Reservoir 2. Lake Liddell
BN	Lime Softening Plant	Intermittent stream into Wisemans Creek	Plashett Reservoir
BO	Lime Softening Plant Sludge Lagoons	Wismans Creek (flows south west)	Plashett Reservoir
BP	Mobile Plant Workshop and Refuelling	Intermittent strean into Chilcott's Gully	Lake Liddell
BQ	Pikes Gully Ash Dam	Pikes Gully Creek and into Bayswater Creek	Hunter River
BR	Ravensworth Rehabilitation Area	1. Bowmans Creek 2. Bayswater Creek	1. Hunter River 2. Hunter River
BS	Low Pressure Pumping Station	Saltwater Creek	Hunter River
BT	High Pressure Pumping Station	Intermittent Creek into Parnells Creek	Hunter River
BU	Main Store – Dangerous Goods Storage Area	1. Discharges to Pikes Gully Ash Dam 2. Chilcott's Gully	1. Pikes Creek and Pikes Gully, Bayswater creek, Hunter River 2. Lake Liddell
BV	Power Block	1. Intermittent stream/Tinkers Creek 2. Chilcott's Gully	1. Lake Liddell 2. Lake Liddell
BW	Sediments in Surrounding Waterways and Lake Liddell	Lake Liddell	Lake Liddell
BX	Transgrid Switchyard	1. Freshwater Dam/ Tinkers Creek 2. Cooling-water makeup pond	1. Lake Liddell 2. Lake Liddell
BY	Buffer Land	1. Various Creeks 2. Various Creeks	1. Plashett Reservoir 2. Lake Liddell

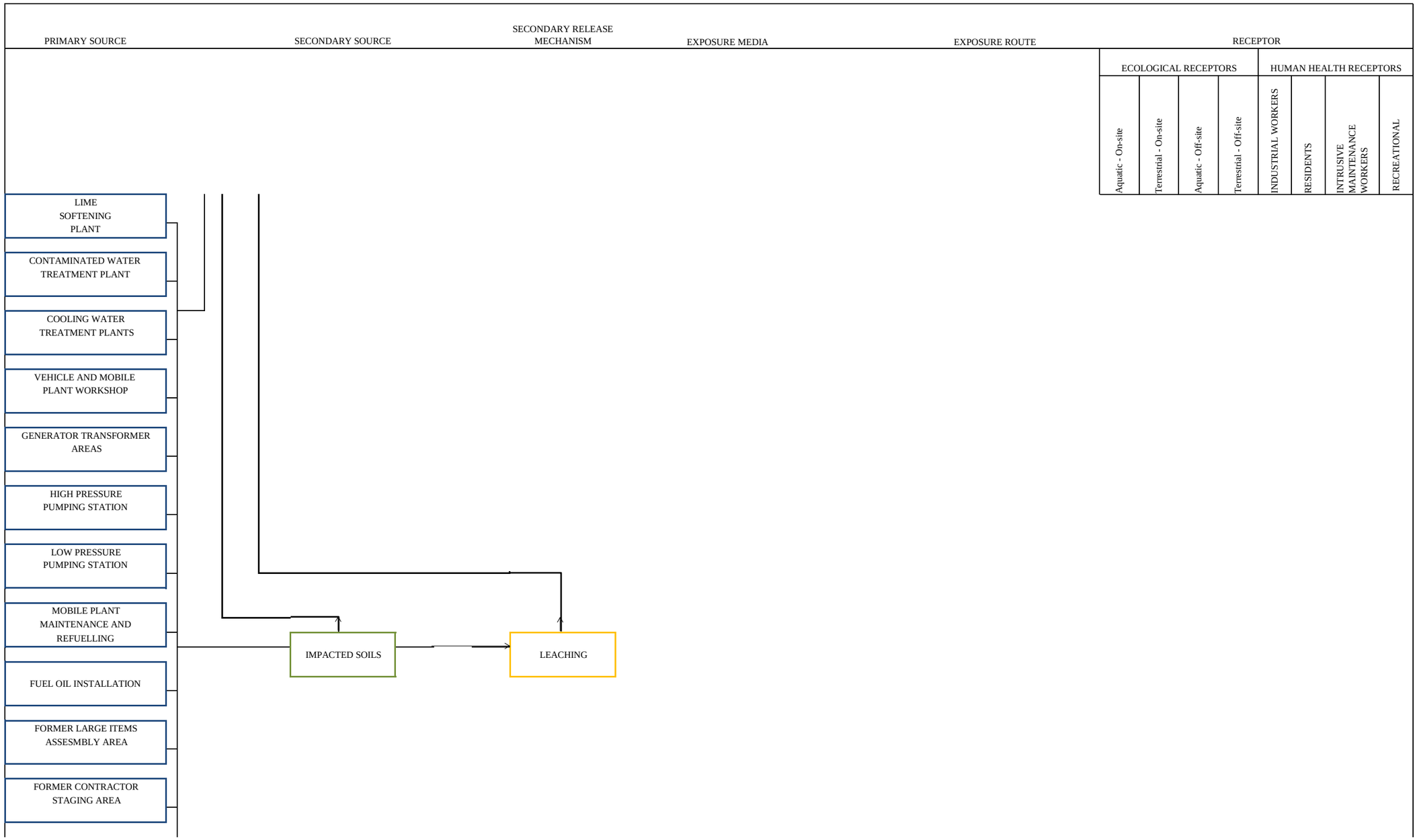
Annex C

Refined CSM

Generalized Conceptual Site Model - Bayswater Power Station



Generalized Conceptual Site Model - Bayswater Power Station



Generalized Conceptual Site Model - Bayswater Power Station

PRIMARY SOURCE	SECONDARY SOURCE	SECONDARY RELEASE MECHANISM	EXPOSURE MEDIA	EXPOSURE ROUTE	RECEPTOR							
					ECOLOGICAL RECEPTORS				HUMAN HEALTH RECEPTORS			
					Aquatic - On-site	Terrestrial - On-site	Aquatic - Off-site	Terrestrial - Off-site	INDUSTRIAL WORKERS	RESIDENTS	INTRUSIVE MAINTENANCE WORKERS	RECREATIONAL
DEMINERALISER PLANT												
MAIN STORE - DANGEROUS GOODS STORAGE AREA												
POWER BLOCK												

LEGEND

- Primary Source
- Secondary Source
- Release Mechanism
- Exposure Media
- Potentially Complete Pathway
- Incomplete Pathway