

Annex B

Tables

Chemical Test Results (Soil) - Intra-Laboratory Duplicates - Soil Analyses

Client:- McMahon Services
 Location:- Former Hills Industries Site - Audit Area 3
 Job Ref:- 3698

Test Results:-

Sample No.	Date Sampled	Source/ Location	LAB	Material	Heavy Metals										
					Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Selenium (Se)	Tin (Sn)	Zinc (Zn)
BH124/1	06-Nov-08	BH124 (0.0 - 0.1m)	MGT	Soil	<2	<0.5	<5	<5	<5	100	<0.1	<5	<2	<10	13
QA104	06-Nov-08	Duplicate of BH124/1	ALS	Soil	<5	<1	28	13	<5	12	<0.1	<2	<10	22	
Relative Percentage Difference (RPD) (%)					NC	NC	NC	NC	NC	157	NC	NC	NC	NC	51

Sample No.	Date Sampled	Source/ Location	LAB	Material	Total Petroleum Hydrocarbons (TPH)					BTEX			
					TPH (C6 - C9)	TPH (C10 - C14)	TPH (C15 - C28)	TPH (C29-C36)	Total (C10 - C36)	Benzene	Ethylbenzene	Toluene	Xylenes (Total)
BH126/5	11-Nov-08	BH126 (4.7 - 5.0m)	MGT	Soil	<20	<50	<100	<100	<250	<0.05	<0.05	<0.05	<0.05
QA106	14-Nov-08	Duplicate of BH126/5	ALS	Soil	<10	<50	<100	<100	<250	<0.2	<0.5	<0.5	<1.0
Relative Percentage Difference (RPD) (%)					NC	NC	NC	NC	NC	NC	NC	NC	NC

Sample No.	Date Sampled	Source/ Location	LAB	Material	Polycyclic Aromatic Hydrocarbons (PAH)															
					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	Phenanthrene	Pyrene
BH124/1	06-Nov-08	BH124 (0.0 - 0.1m)	MGT	Soil	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
QA104	06-Nov-08	Duplicate of BH124/1	ALS	Soil	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Relative Percentage Difference (RPD) (%)					NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Sample No.	Date Sampled	Source/ Location	LAB	Material	Organochlorine Pesticides (OCP's)																			
					p-BHC	Aldrin	Dieldrin	γ-BHC	Chlordane	δ-BHC	DDD	1,4-DDE	DDT	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	p-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor
BH124/1	06-Nov-08	BH124 (0.0 - 0.1m)	MGT	Soil	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
QA104	06-Nov-08	Duplicate of BH124/1	MGT	Soil	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
Relative Percentage Difference (RPD) (%)					NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Shaded cell indicated RPD is greater than 50%
 NC indicates no RPD calculated

Chemical Test Results - Blanks

Client:- McMahon Services
 Location:- Former Hills Industries Site - Audit Area 3
 Job Ref:- 3698

TRIP BLANKS

Sample No.	Date Sampled	LAB	Material	BTEX Compounds			
				Benzene	Toluene	Ethyl Benzene	Xylene
TB101	31-Oct-08	MGT	Water	<0.001	<0.001	<0.001	<0.001
TB103	05-Nov-08	MGT	Water	<0.001	<0.001	<0.001	<0.001
TB104	10-Nov-08	MGT	Water	<0.001	<0.001	<0.001	<0.001

RINSE BLANKS

Sample No.	Date Sampled	LAB	Material	Heavy Metals													
				Antimony (Sb)	Arsenic (As)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr - total)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Tin (Sn)	Zinc (Zn)
RB101	31-Oct-08	MGT	Water	<0.005	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.005	<0.001	<0.001	<0.005	<0.001
RB103	05-Nov-08	MGT	Water	<0.005	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.005	<0.001	<0.001	<0.005	<0.001
RB104	10-Nov-08	MGT	Water	<0.005	<0.001	<0.001	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.005	<0.001	<0.001	<0.005	<0.001

Field ID	Sample Depth	Sampled Date	Inorganics										TPH										BTEX				
			Cyanide (Free)		Cyanide Total	Moisture Content (dried @ 103°C)	pH (aqueous extract)	Phosphate total (P)	Sulphate as S	Sulphur as S	C6-C10	C10-C16	C16-C34	C34-C40	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total		
			mg/kg	mg/kg																						%	pH Units
EQL			5	5	0.1	0.1	10	10	100	20	50	100	100	20	50	50	50	50	0.05	0.05	0.05	0.1	0.05	0.15			
Adopted Ecological Screening Levels (EIL)			20					600									1000	1	3.1	1.4			14				
Adopted Health Screening Level (Residential Limited Access HIL D or equivalent)			1000														1000	1	50	130			25				
Adopted Health Screening Level (Commercial Industrial HIL F or equivalent)			1250														1000	1	50	130			25				
Audit Area 3 - MUA1																											
MUA1_TP1_0.1-0.2	0.1-0.2	14/02/2012	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP1_0-0.1	0-0.1	14/02/2012	<5	<5	1.3	9	13	<10	110	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP2_0-0.1	0-0.1	14/02/2012	-	-	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP3_0.2-0.3	0.2-0.3	14/02/2012	<5	<5	8.3	4.8	13	64	110	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP3_0-0.1	0-0.1	14/02/2012	<5	<5	1	8.7	<10	<10	150	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP4_0-0.1	0-0.1	14/02/2012	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP5_0.1-0.2	0.1-0.2	14/02/2012	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP5_0-0.1	0-0.1	14/02/2012	-	-	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP6_0.1-0.2	0.1-0.2	14/02/2012	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP6_0-0.1	0-0.1	14/02/2012	-	-	0.9	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP7_0-0.1	0-0.1	14/02/2012	<5	<5	0.5	8.8	<10	<10	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP8_0.1-0.2	0.1-0.2	14/02/2012	-	-	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP8_0-0.1	0-0.1	14/02/2012	<5	<5	1	8.1	15	<10	290	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP9_0-0.1	0-0.1	14/02/2012	-	-	1.9	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP10_0.1-0.2	0.1-0.2	14/02/2012	<5	<5	4.9	6.4	<10	<10	100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP10_0-0.1	0-0.1	14/02/2012	<5	<5	0.5	7.1	<10	<10	100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP11_0-0.1	0-0.1	14/02/2012	-	-	<0.1	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP12_0-0.1	0-0.1	14/02/2012	-	-	<0.1	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP13_0.1-0.2	0.1-0.2	14/02/2012	-	-	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP13_0-0.1	0-0.1	14/02/2012	-	-	0.9	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA1_TP14_0.1-0.2	0.1-0.2	14/02/2012	<5	<5	7.4	7.5	15	13	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA1_TP14_0-0.1	0-0.1	14/02/2012	<5	<5	1.2	8.8	82	20	220	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
Audit Area 3 - MUA2																											
MUA2_TP1_0.2-0.3	0.2-0.3	15/02/2012	<5	<5	16	8.8	<10	23	110	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP1_0-0.1	0-0.1	15/02/2012	<5	<5	2.3	9.3	10	19	400	<20	<50	110	<100	<20	<20	110	<50	110	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP2_0.2-0.3	0.2-0.3	15/02/2012	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP2_0-0.1	0-0.1	15/02/2012	<5	<5	1.6	9.1	77	<10	470	<20	<50	150	<100	<20	<20	57	120	187	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP3_0.2-0.3	0.2-0.3	15/02/2012	<5	<5	11	8.5	25	<10	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP3_0-0.1	0-0.1	15/02/2012	<5	<5	1.6	9.4	86	<10	280	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP4_0-0.1	0-0.1	15/02/2012	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP5_0.3-0.4	0.3-0.4	15/02/2012	-	-	11	-	-	-	-	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP6_0.2-0.3	0.2-0.3	15/02/2012	-	-	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP6_0-0.1	0-0.1	15/02/2012	-	-	6.3	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP7_0.2-0.3	0.2-0.3	15/02/2012	-	-	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP7_0-0.1	0-0.1	15/02/2012	-	-	0.7	-	-	<10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP8_0.2-0.3	0.2-0.3	15/02/2012	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP8_0-0.1	0-0.1	15/02/2012	<5	<5	3.7	9	15	<10	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP9_0.1-0.2	0.1-0.2	15/02/2012	<5	<5	11	8.7	76	13	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP9_0-0.1	0-0.1	15/02/2012	<5	<5	1.9	9.5	20	<10	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP10_0.6-0.7	0.6-0.7	15/02/2012	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MUA2_TP10_0-0.1	0-0.1	15/02/2012	<5	<5	2.5	9.5	<10	<10	150	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			
MUA2_TP11_0-0.1	0-0.1	15/02/2012	<5	<5	0.6	9.3	21	<10	<100	<20	<50	<100	<100	<20	<20	<50	<50	<50	<0.05	<0.05	<0.05	<0.1	<0.05	<0.15			

Former Hills Industries Site
 Soil Analytical Results - Audit Area 3

			Metals															
			Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	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
EQL			2	10	2	10	0.4	1	5	5	5	5	5	5	0.1	5	10	5
Adopted Ecological Screening Levels (EIL)			20	300			3	1	400		50	100	600	500	1	60	50	200
Adopted Health Screening Level (Residential Limited Access HIL D or equivalent)			400	950	80	12000	80	400	480000		400	4000	1200	6000	60	2400		28000
Adopted Health Screening Level (Commercial Industrial HIL F or equivalent)			500	950	100	15000	100	500	600000	600000	500	5000	1500	7500	75	3000		35000
Field ID	Sample Depth	Sampled Date																
Audit Area 3 - MUA1																		
MUA1_TP1_0.1-0.2	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP1_0-0.1	0-0.1	14/02/2012	<2	190	<2	<10	0.5	<1	8.4	8.4	6.5	9.4	14	720	<0.1	10	<10	86
MUA1_TP2_0-0.1	0-0.1	14/02/2012	<2	170	<2	<10	0.8	<1	7.6	7.6	<5	18	17	710	<0.1	5.8	<10	75
MUA1_TP3_0.2-0.3	0.2-0.3	14/02/2012	<2	58	<2	<10	<0.4	<1	26	26	<5	9.4	22	130	<0.1	7.4	34	93
MUA1_TP3_0-0.1	0-0.1	14/02/2012	<2	99	<2	<10	<0.4	<1	6.9	6.9	<5	8.9	7.1	300	<0.1	<5	<10	31
MUA1_TP4_0-0.1	0-0.1	14/02/2012	<2	120	<2	<10	<0.4	<1	6.3	6.3	<5	<5	9.3	520	<0.1	5.4	<10	41
MUA1_TP5_0.1-0.2	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP5_0-0.1	0-0.1	14/02/2012	<2	81	<2	<10	<0.4	<1	5	5	<5	<5	9	320	<0.1	<5	<10	86
MUA1_TP6_0.1-0.2	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP6_0-0.1	0-0.1	14/02/2012	<2	93	<2	<10	<0.4	<1	<5	<5	<5	<5	15	440	<0.1	<5	<10	97
MUA1_TP7_0-0.1	0-0.1	14/02/2012	<2	180	<2	<10	<0.4	<1	<5	<5	<5	<5	<5	890	<0.1	<5	<10	32
MUA1_TP8_0.1-0.2	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP8_0-0.1	0-0.1	14/02/2012	<2	140	<2	<10	<0.4	<1	<5	<5	<5	5.7	580	<0.1	<5	<10	36	
MUA1_TP9_0-0.1	0-0.1	14/02/2012	<2	200	<2	<10	<0.4	<1	7.8	7.8	5.1	<5	6.3	910	<0.1	6.6	<10	36
MUA1_TP10_0.1-0.2	0.1-0.2	14/02/2012	<2	95	<2	<10	<0.4	<1	24	24	9.7	14	27	590	<0.1	9.2	30	34
MUA1_TP10_0-0.1	0-0.1	14/02/2012	<2	120	<2	<10	0.4	<1	<5	<5	<5	5.6	13	440	<0.1	<5	<10	28
MUA1_TP11_0-0.1	0-0.1	14/02/2012	<2	120	<2	<10	<0.4	<1	<5	<5	<5	<5	9.7	460	<0.1	<5	<10	45
MUA1_TP12_0-0.1	0-0.1	14/02/2012	<2	170	<2	<10	<0.4	<1	6	6	<5	<5	5	770	<0.1	5.6	<10	38
MUA1_TP13_0.1-0.2	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP13_0-0.1	0-0.1	14/02/2012	<2	92	<2	<10	<0.4	<1	<5	<5	<5	9.4	330	<0.1	<5	<10	130	
MUA1_TP14_0.1-0.2	0.1-0.2	14/02/2012	<2	56	<2	<10	<0.4	<1	25	25	9.1	9.3	17	350	<0.1	9.4	31	21
MUA1_TP14_0-0.1	0-0.1	14/02/2012	<2	130	<2	<10	<0.4	<1	5.1	5.1	<5	<5	10	430	<0.1	<5	<10	190
Audit Area 3 - MUA2																		
MUA2_TP1_0.2-0.3	0.2-0.3	15/02/2012	7.4	110	<2	<10	<0.4	<1	31	31	9.7	14	30	510	<0.1	14	39	100
MUA2_TP1_0-0.1	0-0.1	15/02/2012	4.2	69	<2	<10	<0.4	<1	14	14	<5	8	16	390	<0.1	8.4	16	84
MUA2_TP2_0.2-0.3	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP2_0-0.1	0-0.1	15/02/2012	5	160	<2	<10	<0.4	<1	20	20	6.2	8.5	15	690	<0.1	12	22	55
MUA2_TP3_0.2-0.3	0.2-0.3	15/02/2012	17	46	<2	<10	<0.4	<1	22	22	8.8	8.4	20	350	<0.1	7.6	28	24
MUA2_TP3_0-0.1	0-0.1	15/02/2012	3.7	150	<2	<10	<0.4	<1	19	19	<5	15	18	610	<0.1	12	18	48
MUA2_TP4_0-0.1	0-0.1	15/02/2012	5.8	66	<2	<10	<0.4	<1	21	21	6.2	7.7	12	590	<0.1	12	26	40
MUA2_TP5_0.3-0.4	0.3-0.4	15/02/2012	3.3	51	<2	<10	<0.4	<1	25	25	8.4	9.4	15	450	<0.1	9.7	31	19
MUA2_TP6_0.2-0.3	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP6_0-0.1	0-0.1	15/02/2012	2.9	26	<2	<10	<0.4	<1	14	14	<5	6.7	11	78	<0.1	6.7	18	19
MUA2_TP7_0.2-0.3	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP7_0-0.1	0-0.1	15/02/2012	<2	<10	<2	<10	<0.4	<1	<5	<5	<5	<5	5.2	19	<0.1	<5	<10	9.4
MUA2_TP8_0.2-0.3	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP8_0-0.1	0-0.1	15/02/2012	<2	<10	<2	<10	<0.4	<1	<5	<5	<5	<5	8	<0.1	<5	<10	<5	
MUA2_TP9_0.1-0.2	0.1-0.2	15/02/2012	3.6	50	<2	<10	<0.4	<1	26	26	9.4	9.8	14	470	<0.1	10	34	25
MUA2_TP9_0-0.1	0-0.1	15/02/2012	<2	<10	<2	<10	<0.4	<1	<5	<5	<5	<5	<5	12	<0.1	<5	<10	<5
MUA2_TP10_0.6-0.7	0.6-0.7	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP10_0-0.1	0-0.1	15/02/2012	<2	<10	<2	<10	<0.4	<1	<5	<5	<5	<5	6	<0.1	<5	<10	<5	
MUA2_TP11_0-0.1	0-0.1	15/02/2012	<2	<10	<2	<10	<0.4	<1	<5	<5	<5	<5	11	<0.1	<5	<10	5.3	

Former Hills Industries Site
Soil Analytical Results - Audit Area 3

			Organophosphorous Pesticides																		
			Azinophos methyl	Boistar (Sulprofos)	Chlorpyrifos	Demeton-O	Diazinon	Dichlorvos	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Naled (Dibrom)	Phorate	Ronnel	Trichloronate
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
Adopted Ecological Screening Levels (EIL)																					
Adopted Health Screening Level (Residential Limited Access HIL D or equivalent)																					
Adopted Health Screening Level (Commercial Industrial HIL F or equivalent)																					
Field ID	Sample Depth	Sampled Date																			
Audit Area 3 - MUA1																					
MUA1_TP1	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP1	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP2	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP3	0.2-0.3	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP3	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP4	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP5	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP5	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP6	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP6	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP7	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP8	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP8	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP9	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP10	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP10	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP11	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP12	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP13	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP13	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1_TP14	0.1-0.2	14/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA1_TP14	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Audit Area 3 - MUA2																					
MUA2_TP1	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP1	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP2	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP2	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP3	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP3	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP4	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP5	0.3-0.4	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP6	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP6	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP7	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP7	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP8	0.2-0.3	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP8	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP9	0.1-0.2	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP9	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP10	0.6-0.7	15/02/2012	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2
MUA2_TP10	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP11	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2_TP11	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Soil Analytical Results - Audit Area 3

			MAH				Polychlorinated Biphenyls								Halogenated Benzenes							
			1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Adopted Ecological Screening Levels (EIL)					570	17.2								1								
Adopted Health Screening Level (Residential Limited Access HIL D or equivalent)														40								
Adopted Health Screening Level (Commercial Industrial HIL F or equivalent)					570	17.2								50								
Field ID	Sample Depth	Sampled Date																				
Audit Area 3 - MUA1																						
MUA1_TP1	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA1_TP1	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP2	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP3	0.2-0.3	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP3	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP4	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP5	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA1_TP5	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP6	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA1_TP6	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP7	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP8	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA1_TP8	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP9	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP10	0.1-0.2	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP10	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP11	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP12	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP13	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA1_TP13	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA1_TP14	0.1-0.2	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA1_TP14	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
Audit Area 3 - MUA2																						
MUA2_TP1	0.2-0.3	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP1	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP2	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA2_TP2	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP3	0.2-0.3	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP3	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP4	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA2_TP5	0.3-0.4	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA2_TP6	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA2_TP6	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA2_TP7	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA2_TP7	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUA2_TP8	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA2_TP8	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP9	0.1-0.2	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP9	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP10	0.6-0.7	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	
MUA2_TP10	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MUA2_TP11	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	

			Halogenated Hydrocarbons					Halogenated Phenols					Herbicides	Solvents						
			1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Dinoseb	Methyl Ethyl Ketone	4-Methyl-2-pentanone	Acetone	Allyl chloride	Carbon disulfide
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.05	0.05	0.05	0.05	0.05	1	1	0.5	0.5	0.5	1	5	20	0.05	0.05	0.05	0.05	0.05
Adopted Ecological Screening Levels (EIL)																				
Adopted Health Screening Level (Residential Limited Access HIL D or equivalent)																				
Adopted Health Screening Level (Commercial Industrial HIL F or equivalent)																				
Field ID	Sample Depth	Sampled Date																		
Audit Area 3 - MUA1																				
MUA1 TP1	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP1	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP2	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP3	0.2-0.3	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP3	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP4	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP5	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP5	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP6	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP6	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP7	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP8	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP8	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP9	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP10	0.1-0.2	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP10	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP11	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP12	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP13	0.1-0.2	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP13	0-0.1	14/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA1 TP14	0.1-0.2	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA1 TP14	0-0.1	14/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
Audit Area 3 - MUA2																				
MUA2 TP1	0.2-0.3	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP1	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP2	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP2	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP3	0.2-0.3	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP3	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP4	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP5	0.3-0.4	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP6	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP6	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP7	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP7	0-0.1	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP8	0.2-0.3	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP8	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP9	0.1-0.2	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP9	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP10	0.6-0.7	15/02/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MUA2 TP10	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05
MUA2 TP11	0-0.1	15/02/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<1	<0.5	<0.5	<0.5	<1	<5	<20	<0.05	<0.05	<0.05	<0.05	<0.05

Chemical Test Results (Soil) - pH, Heavy Metals, Cyanide

Client:- McMahon Services
 Location:- Former Hills Industries Site - Audit Area 3
 Job Ref:- 3698

Test Results:-

Sample	Sample Location	Sampled by	Comments	Material	Date Sampled	pH	Heavy Metals																Cyanide		
							Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Boron (B)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Manganese (Mn)	Mercury (Hg)	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)		Tin (Sn)	Zinc (Zn)
MUA1 (Portion North of Ackland)						-	-	<5	-	-	-	<1	14	-	10	48	-	<0.1	-	7	-	-	-	61	-
BH53	BH53 (0.1-0.2m)	EES		Fill	7/05/2007	-	-	<5	-	-	-	<1	22	-	15	34	-	<0.1	-	13	-	-	-	107	-
BH54	BH54 (0.1-0.3m)	EES		Fill	7/05/2007	-	-	<5	-	-	-	<1	27	-	13	19	-	<0.1	-	12	-	-	-	22	-
MUA2 (Portion South of Ackland)						-	-	<5	-	-	-	<1	8	-	9	8	-	<0.1	-	10	-	-	-	30	-
BH83	BH83 (0.4-0.5m)	EES		Fill	11/05/2007	-	-	<5	-	-	-	<1	36	-	21	22	-	<0.1	-	22	-	-	-	38	-
BH84	BH84 (0.2-0.3m)	EES	Adjacent MUA2 to the east	Fill	11/05/2007	-	-	<5	-	-	-	<1	2	-	6	<5	-	<0.1	-	<2	-	-	-	24	-
BH86	BH86 (1.8-2.0m)	EES	Adjacent MUA2 to the east	Natural	10/05/2007	3.5	-	<5	-	-	-	<1	2	-	6	<5	-	<0.1	-	<2	-	-	-	24	-
BH87	BH87 (0.4-0.6m)	EES		Natural	10/05/2007	-	-	<5	-	-	-	<1	2	-	6	<5	-	<0.1	-	<2	-	-	-	24	-
BH88	BH88 (0.1-0.2m)	EES		Fill	10/05/2007	-	-	<5	-	-	-	<1	2	-	<5	<5	-	<0.1	-	<2	-	-	-	10	-
BH89	BH89 (0-0.1m)	EES		Fill	7/05/2007	-	-	6	-	-	-	<1	24	-	11	16	-	<0.1	-	16	-	-	-	53	-
BH90	BH90 (0-0.1m)	EES		Fill	7/05/2007	-	-	<5	-	-	-	<1	4	-	5	16	-	<0.1	-	<2	-	-	-	22	-
BH91	BH91 (0-0.1m)	EES		Fill	7/05/2007	-	-	<5	-	-	-	<1	16	-	10	10	-	<0.1	-	12	-	-	-	43	-
BH123/1	BH123 (0.0 - 0.1m)	AEC		Fill	8/11/2008	8.0	<10	76	-	<2	-	<0.5	15	5.2	16	72	-	<0.1	<10	5.6	<2	-	<10	150	-
BH124/1	BH124 (0.0 - 0.1m)	AEC		Fill	8/11/2008	-	<10	<2	-	<2	-	<0.5	<5	<5	<5	100	-	<0.1	<10	<5	<2	-	<10	13	-
QA103	Dup of BH124/1	AEC		Fill	8/11/2008	-	<10	<2	-	<2	-	<0.5	<5	<5	<5	12	-	<0.1	<10	<5	<2	-	<10	13	-
QA104	Dup of BH124/1	AEC		Fill	8/11/2008	-	<10	<2	-	<2	-	<1	28	-	13	12	-	<0.1	<10	12	-	-	-	22	-
TP127/1	TP127 (0.25 - 0.25m)	AEC		Fill	20/03/2009	8.0	-	<5	-	-	-	<1	6	-	<5	15	-	-	-	7	-	-	-	51	-
TP127/2	TP127 (0.5 - 0.8m)	AEC		Natural	20/03/2009	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP128/1	TP128 (0.0 - 0.1m)	AEC		Fill	20/03/2009	6.4	-	<5	-	-	-	<1	8	-	10	6	-	-	-	<2	-	-	-	8	-
TP128/2	TP128 (0.3 - 0.4m)	AEC		Fill	20/03/2009	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP129/1	TP129 (0.0 - 0.1m)	AEC		Fill	20/03/2009	9.4	-	<5	-	-	-	<1	3	-	<5	16	-	-	-	<2	-	-	-	24	-
TP129/2	TP129 (0.2 - 0.3m)	AEC		Natural	20/03/2009	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP129/3	TP129 (0.7 - 0.8m)	AEC		Natural	20/03/2009	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP130/1	TP130 (0.0 - 0.1m)	AEC		Fill	20/03/2009	6.6	-	<5	-	-	-	<1	15	-	28	11	-	-	-	2	-	-	-	8	-
TP130/2	TP130 (0.3 - 0.4m)	AEC		Fill	20/03/2009	6.7	-	<5	20	<1	-	<1	19	<2	41	10	17	<0.1	<2	<2	<5	-	<5	9	<1
TP130/3	TP130 (0.6 - 0.7m)	AEC		Natural	20/03/2009	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP131/1	TP131 (0.0 - 0.1m)	AEC		Fill	20/03/2009	8.8	-	<5	-	-	-	<1	2	-	<5	58	-	-	<2	-	-	-	-	22	-
TP131/2	TP131 (0.3 - 0.4m)	AEC		Natural	20/03/2009	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP132/1	TP132 (0.0 - 0.1m)	AEC		Fill	20/03/2009	8.0	-	<5	-	-	-	<1	186	-	38	18	-	-	-	4	-	-	-	47	-
TP132/2	TP132 (0.3 - 0.4m)	AEC		Natural	20/03/2009	8.1	-	5	-	-	-	<1	46	-	21	20	-	-	22	-	-	-	-	26	-
TP133/1	TP133 (0.0 - 0.1m)	AEC		Fill	20/03/2009	9.7	-	<5	-	-	-	<1	38	-	28	28	-	-	12	-	-	-	-	47	-
TP133/2	TP133 (0.3 - 0.4m)	AEC		Fill	20/03/2009	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP134/1	TP134 (0.0 - 0.1m)	AEC		Fill	20/03/2009	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP134/2	TP134 (0.3 - 0.4m)	AEC		Natural	20/03/2009	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All results in mg/kg unless otherwise indicated

100	Indicates reported result is above laboratory operating limits (LOR)
100	Indicates reported result is above adopted Ecological Investigation Level (EIL)
100	Indicates reported result is above Health Investigation Level (HIL) 'D' - high density residential
100	Indicates reported result is above Health Investigation Level (HIL) 'F' - commercial/industrial, or equivalent

NEPM 1999 EIL	6 - 8	20	20	300	300	-	-	3	400	-	100	600	500	1	200	60	100	-	-	50	200	-	-	
NEPM 1999 HIL D	-	-	400	-	80	-	80	480000	400	4000	1200	6000	60	200	2400	390	-	-	-	-	28000	1000	-	-
NEPM 1999 HIL F	-	-	500	-	100	-	100	600000	500	5000	1500	7500	75	-	3000	390	-	-	-	-	35000	1250	-	-

Chemical Test Results (Groundwater) - General Parameters

Client: CFSQMA Co - McKellan Services
 Location: Former Hills Industries Site, Edwardstown (AAS)
 Job Ref.: 3698

Bore No	Date	Laboratory	pH (FAS)	pH (Lab)	Conductivity (FAS)	Conductivity (Lab)	TDS (FAS EC/0.67)	TDS (Lab)	Temp (FAS)	ORP (FAS)	Dissolved Oxygen (FAS)
	Sampled		pH Units	pH Units	µS/cm	µS/cm	mg/L	mg/L	deg C	mV	ppm
AAS - MUA1											
MUA1 - On-Site Monitoring Wells											
MWA1	20-Dec-10	MGT	7.19	7.1	3100	-	2077	1600	20.8	122	5.01
MWA2	02-Apr-12	MGT	7.15	-	2740	-	1836	1460	24.6	162	0.24
MWA3	08-Apr-13	MGT	6.85	-	2880	-	1916	1600	19.9	87	2.82
MUA1_SW1	28-Mar-12	MGT	7.33	-	2000	2300	1600	1500	21.3	88	0.29
MUA1_SW2	08-Apr-13	MGT	7.48	-	2236	2100	1756	1400	20.8	224	0.30
MUA1_SW2	08-Apr-13	MGT	6.99	-	2280	-	1534	1300	19.7	86	3.36
MUA1 - On-Site Monitoring Wells									20.8	61	2.33
MVC	25-Dec-08	MGT	7.28	7.4	3240	2300	2171	1676	23.1	54	4.68
MVC	31-Aug-09	MGT	7.27	7.5	2640	3100	1970	2077	23.5	87	2.26
MVC	28-Jul-10	MGT	7.21	7.4	2620	-	1866	1100	22.5	77	2.89
MVC	16-Dec-10	MGT	7.82	7.5	2289	-	1620	1200	21.2	67	4.43
MVC	29-Mar-12	MGT	7.82	-	2332	2100	1556	1300	21.3	97	2.57
MVC	15-Apr-13	MGT	7.22	-	2111	-	1414	1300	22.2	42	1.98
MWP	29-Aug-09	MGT	7.20	6.8	2870	3100	1933	2077	23.4	80	2.83
MWP	22-Jul-10	MGT	6.71	7.20	4410	-	2856	2100	22.9	137	1.71
MWA0	23-Jul-10	MGT	6.97	7.2	2391	-	1602	1000	22.7	198	4.45
MWA0	14-Dec-10	MGT	7.26	7.4	1629	-	1225	830	22.8	62	6.14
MWA0	04-Apr-12	MGT	7.53	-	1126	-	754	560	27.1	74	0.80
MWA1	14-Dec-10	MGT	7.14	7.3	2785	-	1869	1200	19.9	89	3.98
MWA1	02-Apr-12	MGT	7.28	-	2400	2300	1811	1400	21.7	128	2.31
MWA1	10-Apr-13	MGT	7.25	-	2416	-	1522	1300	21.2	67	4.31
MWA1	25-Nov-08	MGT	7.00	7.0	2291	2100	1535	1467	24.1	12	1.30
MWA1	23-Jul-10	MGT	6.88	7.3	3200	1900	1541	1273	23.0	40	1.41
MWA1	14-Dec-10	MGT	7.10	7.3	2465	-	1645	1100	21.8	37	1.29
MWA1	02-Apr-12	MGT	7.28	-	2400	-	1608	1400	24.2	114	1.05
MWA1	10-Apr-13	MGT	7.25	-	2416	-	1619	1300	20.4	99	5.76
AAS - MUA2											
MUA2 - On-Site Monitoring Wells											
MUA2_SW1	28-Mar-12	MGT	7.11	-	2443	2300	1670	1400	22.0	62	2.79
MUA2_SW2	08-Apr-13	MGT	6.96	-	2210	-	1888	1300	22.0	100	2.94
MUA2_SW2	28-Mar-12	MGT	7.13	-	2510	2300	1682	1400	21.4	25	2.01
MUA2_SW2	08-Apr-13	MGT	7.18	-	2282	-	1603	1200	20.9	70	4.26
MUA2_SW3	28-Mar-12	MGT	7.29	-	2249	2100	1807	1300	21.0	80	1.36
MUA2_SW3	08-Apr-13	MGT	7.29	-	2281	-	1515	1200	21.3	97	4.69
MUA1 - On-Site Monitoring Wells											
AAS_MW1	10-May-12	MGT	7.21	-	1782	-	1181	1200	21.3	32	2.69
AAS_MW1	09-Apr-13	MGT	7.03	-	2288	-	1607	1400	21.7	90	3.92
AAS_MW3	09-Apr-13	MGT	6.92	-	2289	-	1534	1300	20.9	106	3.47
AAS_MW6	09-Apr-13	MGT	6.91	-	2419	-	1615	1400	22.1	105	2.62

Indicates reported result is greater than laboratory operating limits (LOR)
 Result above one or more water quality guidelines

Groundwater Quality Guidelines

Ecological Protection - Freshwater	6.5-9.0	-	-	-	-	-	-	-	-	-	>6
Drinking Water	6.5-8.5	-	-	-	-	-	-	-	-	-	-
Aquifer Protection	4.5-9.0	-	-	-	-	-	-	-	-	-	-

Draft for Auditor Review

Chemical Test Results (Groundwater) - Heavy Metals

Client:- CFSGAM c/o - McMahon Services
 Location:- Former Hills Industries Site, Edwardstown (AA3)
 Job Ref:- 3698



Test Results:-

Bore No.	Date Sampled	Laboratory	Heavy Metals																	Alkali Metals									
			Antimony Sb	Arsenic As	Barium Ba	Beryllium Be	Boron B	Cadmium Cd	Trivalent Chromium	Chromium (Total)	Chromium Cr (VI)	Cobalt Co	Copper Cu	Iron Fe	Lead Pb	Manganese Mn	Mercury Hg	Molybdenum Mo	Nickel Ni	Selenium Se	Silver Ag	Tin Sn	Vanadium V	Zinc Zn	Calcium	Magnesium	Potassium	Sodium	
AA3 - MUA1																													
MUA1 - On-Site Monitoring Wells																													
MWAX	02-Apr-12	MGT	-	<0.001	0.10	<0.001	0.5	<0.0002		0.001	<0.001	<0.001	<0.001	<0.001	-	<0.001	<0.005	<0.0001	-	0.007	-	-	-	<0.005	0.009	65	100	10	310
MWAX	08-Apr-13	MGT	-	<0.001	0.13	<0.001	0.41	<0.0002		0.001	<0.001	<0.001	<0.001	0.2	<0.001	0.016	<0.0001	-	0.005	-	-	-	<0.005	0.014	92	120	8	310	
MUA1_GW1	28-Mar-12	MGT	-	<0.001	0.09	<0.001	1.3	<0.0002		<0.001	<0.001	<0.001	<0.001	-	<0.001	0.006	<0.0001	-	0.002	-	-	-	<0.005	0.003	56	97	9.1	290	
MUA1_GW1	08-Apr-13	MGT	-	<0.001	0.11	<0.001	0.4	<0.0002		<0.001	<0.001	<0.001	<0.001	0.15	<0.001	0.008	<0.0001	-	0.031	-	-	-	<0.005	0.015	75	97	7.3	260	
MUA1_GW2	28-Mar-12	MGT	-	<0.001	0.10	<0.001	0.54	<0.0002		0.001	<0.001	<0.001	0.001	-	<0.001	0.010	<0.0001	-	0.002	-	-	-	<0.005	0.010	79	71	6.0	260	
MUA1_GW2	08-Apr-13	MGT	-	<0.001	0.14	<0.001	0.43	<0.0002		<0.001	<0.001	<0.001	<0.001	0.45	<0.001	<0.005	<0.0001	-	0.004	-	-	-	<0.005	<0.001	75	70	5.4	250	
MUA1 - Off-Site Monitoring Wells																													
MWC	25-Nov-08	MGT	-	<0.001	-	-	-	<0.0002		<0.001	<0.001	-	<0.001	-	<0.001	-	<0.0001	<0.005	<0.001	<0.001	<0.005	<0.001		0.011	-	-	-	-	
MWC	29-Aug-09	MGT	<0.005	<0.001	-	<0.001	-	<0.0002		<0.001	-	<0.001	-	<0.001	-	<0.001	<0.005	<0.0001	<0.005	<0.001	<0.001	<0.005	<0.005		0.024	-	-	-	-
MWC	29-Mar-12	MGT	-	0.001	0.04	<0.001	0.97	<0.0002		0.005	<0.001	<0.001	<0.001	-	<0.001	<0.005	<0.0001	-	0.001	-	-	-	0.007	0.002	21	59	9.7	340	
MWC	15-Apr-13	MGT	-	<0.001	0.05	<0.001	0.81	<0.0002		<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.005	<0.0001	-	0.005	-	-	-	0.006	0.008	28	64	11	300	
MWP	29-Aug-09	MGT	<0.005	<0.001	-	<0.001	-	<0.0002		<0.001	-	<0.001	-	<0.001	-	<0.001	<0.0001	<0.005	0.003	<0.001	<0.005	<0.005	-	0.023	-	-	-	-	
MWP	22-Jul-10	MGT	-	<0.001	-	-	-	<0.0002		0.004	<0.001	-	<0.001	<0.05	<0.001	<0.005	<0.0001	<0.005	0.004	<0.001	<0.005	<0.005	-	0.003	-	-	-	-	
MWAO	04-Apr-12	MGT	-	0.001	0.04	<0.001	0.19	<0.0002		<0.001	<0.001	<0.001	<0.001	-	<0.001	0.005	<0.0001	-	0.004	-	-	-	<0.005	0.013	28	29	4.4	120	
MWAY	29-Mar-12	MGT	-	<0.001	0.11	<0.001	0.48	<0.0002		<0.001	<0.001	<0.001	<0.001	-	<0.001	<0.005	<0.0001	-	<0.001	-	-	-	<0.005	<0.001	94	84	7.8	290	
MWAY	15-Apr-13	MGT	-	<0.001	0.12	<0.001	0.47	<0.0002		<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	<0.005	<0.0001	-	0.003	-	-	-	<0.005	0.004	82	71	7.8	260	
MW1	25-Nov-08	MGT	<0.001	<0.001	-	<0.001	-	<0.0002		<0.001	-	<0.001	<0.001	-	0.002	<0.0001	<0.005	<0.001	<0.001	-	<0.001	-	0.010	-	-	-	-	-	
MW1	02-Apr-12	MGT	-	<0.001	0.14	<0.001	0.42	<0.0002		0.001	<0.001	<0.001	<0.001	-	<0.001	<0.005	<0.0001	-	0.031	-	-	-	<0.005	0.007	76	85	7.2	260	
MW1	10-Apr-13	MGT	-	<0.001	0.13	<0.001	0.44	<0.0002		<0.001	<0.001	<0.001	<0.001	<0.05	<0.001	0.015	<0.0001	-	0.004	-	-	-	<0.005	0.008	83	85	8.1	260	
AA3 - MUA2																													
MUA2 - On-Site Monitoring Wells																													
MUA2_GW1	28-Mar-12	MGT	-	<0.001	0.08	<0.001	0.49	<0.0002		<0.001	<0.001	<0.001	0.001	-	<0.001	<0.005	<0.0001	-	0.003	-	-	-	<0.005	0.016	88	79	7.1	260	
MUA2_GW1	08-Apr-13	MGT	-	<0.001	0.1	<0.001	0.36	<0.0002		<0.001	<0.001	<0.001	<0.001	0.17	<0.001	<0.005	<0.0001	-	0.001	-	-	-	<0.005	0.005	81	77	7.1	250	
MUA2_GW2	28-Mar-12	MGT	-	0.001	0.08	<0.001	0.52	<0.0002		<0.001	<0.001	<0.001	<0.001	-	0.001	0.009	<0.0001	-	0.005	-	-	-	<0.005	0.010	67	86	6.1	270	
MUA2_GW2	08-Apr-13	MGT	-	<0.001	0.1	<0.001	0.39	<0.0002		<0.001	<0.001	<0.001	<0.001	0.12	<0.001	<0.005	<0.0001	-	0.002	-	-	-	<0.005	0.007	60	84	5	260	
MUA2_GW3	28-Mar-12	MGT	-	<0.001	0.10	<0.001	0.49	<0.0002		<0.001	<0.001	<0.001	<0.001	-	<0.001	<0.005	<0.0001	-	0.002	-	-	-	<0.005	0.002	78	70	6.5	250	
MUA2_GW3	08-Apr-13	MGT	-	<0.001	0.13	<0.001	0.36	<0.0002		<0.001	<0.001	<0.001	<0.001	0.36	<0.001	<0.005	<0.0001	-	0.003	-	-	-	<0.005	<0.001	79	74	5.9	240	
MUA2 - Off-Site Monitoring Wells																													
AA2_MW1	10-May-12	MGT	-	<0.001	0.14	<0.001	0.43	<0.0002		<0.001	<0.001	<0.001	<0.001	-	<0.001	0.012	<0.0001	-	<0.001	-	-	-	<0.005	0.002	94	79	8.4	290	
AA2_MW1	09-Apr-13	MGT	-	<0.001	0.18	<0.001	0.39	<0.0002		<0.001	<0.001	<0.001	<0.001	0.39	<0.001	<0.005	<0.0001	-	0.003	-	-	-	<0.005	0.005	87	78	7.4	280	
AA2_MW3	09-Apr-13	MGT	-	<0.001	0.15	<0.001	0.39	<0.0002		<0.001	<0.001	<0.001	<0.001	0.36	<0.001	<0.005	<0.0001	-	0.005	-	-	-	<0.005	0.011	81	75	7.2	260	
AA2_MW6	09-Apr-13	MGT	-	<0.001	0.15	<0.001	0.4	<0.0002		<0.001	<0.001	<0.001	<0.001	0.35	<0.001	<0.005	<0.0001	-	0.003	-	-	-	<0.005	0.004	88	79	8.1	280	

All results in mg/L
 100 Indicates reported result is greater than laboratory operating limits (LOR)
 Result above one or more water quality guidelines

Groundwater Quality Guidelines

Guideline	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium (Total)	Chromium Cr (VI)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc	Calcium	Magnesium	Potassium	Sodium	
Ecosystem Protection - Freshwater	0.03	0.05	0.625	0.004	0.37	0.002		0.01	0.001	0.1	0.01	1	0.005	1.9	0.0001	0.3	0.15	0.005	-	0.000002	0.07	0.05	-	-	-	-
Drinking Water	0.003	0.01	1	-	0.3	0.002		-	0.05	-	2	0.3	0.01	0.5	0.002	0.05	0.02	0.01	-	-	3	-	-	-	-	-
Agriculture - Irrigation	-	0.1	-	0.1	0.5	0.01		1	0.1	0.05	0.2	1	0.2	2	0.002	0.01	0.02	0.02	-	-	0.1	2	-	-	-	-

Chemical Test Results (Groundwater) - Organochlorine Pesticides

Client:- CFSGAM c/o - McMahon Services
Location:- Former Hills Industries Site, Edwardstown (AA3)
Job Ref:- 3698



Test Results:-

Bore No.	Date Sampled	Laboratory	Organochlorine Pesticides																				
			Aldrin	alpha-BHC	beta-BHC	Chlordane	delta-BHC	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulphate	Endrin	Endrin Aldehyde	Endrin Ketone	gamma-BHC	Heptachlor	Heptachlor Epoxide	Hexachlorobenzene	Methoxychlor	Toxophene
AA3 - MUA1																							
MUA1 - Off-Site Monitoring Wells																							
MWC	25-Nov-08	MGT	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
MWP	29-Aug-09	MGT	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
MWP	22-Jul-10	MGT	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

All results in mg/L

100	Indicates reported result is greater than laboratory operating limits (LOR)
	Result above one or more water quality guidelines

Groundwater Quality Guidelines

Guideline	Aldrin	alpha-BHC	beta-BHC	Chlordane	delta-BHC	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulphate	Endrin	Endrin Aldehyde	Endrin Ketone	gamma-BHC	Heptachlor	Heptachlor Epoxide	Hexachlorobenzene	Methoxychlor	Toxophene	
Ecosystem Protection - Freshwater	10ng/L	-	-	4ng/L	-	-	-	1ng/L	2ng/L	0.00001	0.00001	-	0.000008	-	-	-	10ng/L	-	-	-	-	0.0002
Drinking Water	0.0003	-	-	0.001	-	-	-	0.02	0.0003	-	-	-	-	-	-	-	0.0003	-	-	-	-	-
Agriculture - Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Chemical Test Results (Groundwater)

Client:- CFSGAM c/o - McMahon Services
Location:- Former Hills Industries Site, Edwardstown (AA3)
Job Ref:- 3698



Bore No	Date Sampled	Laboratory	Ammonia (as N) mg/L	Bicarbonate Alkalinity mg/L	Carbonate Alkalinity mg/L	Chloride mg/L	Cyanide mg/L	Fluoride mg/L	Ferrous Iron (Fe2+) mg/L	Methane mg/L	Nitrate (as N) mg/L	Sulphate (S) mg/L	Sulphide (S) mg/L	TOC mg/L
AA3 - MUA1														
MUA1 - On-Site Monitoring Wells														
MWAX	02-Apr-12	MGT	<0.01	690	<10	360	<0.005	-	<0.05	-	14	46	-	<5
MWAX	08-Apr-13	MGT	<0.01	700	<10	470	<0.005	-	<0.05	-	9.9	48	-	<5
MUA1_GW1	28-Mar-12	MGT	<0.01	610	<10	390	<0.005	-	<0.05	-	11	31	-	<5
MUA1_GW1	08-Apr-13	MGT	<0.01	650	<10	330	<0.005	-	<0.05	-	14	35	-	11
MUA1_GW2	28-Mar-12	MGT	<0.01	510	<10	320	<0.005	-	<0.05	-	11	29	-	<5
MUA1_GW2	08-Apr-13	MGT	<0.01	550	<10	300	<0.005	-	<0.05	-	16	30	-	<5
MUA1 - Off-Site Monitoring Wells														
MWC	25-Nov-08	MGT	-	-	-	-	<0.005	2.40	-	-	-	-	-	-
MWC	29-Mar-12	MGT	<0.01	770	65	96	<0.005	-	<0.05	-	11	46	-	<5
MWC	15-Apr-13	MGT	<0.01	760	<10	110	<0.005	-	<0.05	-	14	44	-	<25
MWP	29-Aug-09	MGT	-	-	-	-	<0.005	1.10	-	-	-	-	-	-
MWP	22-Jul-10	MGT	<0.01	510	<10	-	<0.005	1.10	<0.05	<0.005	7.2	430	<0.05	<5
MWAO	04-Apr-12	MGT	<0.01	320	<10	140	<0.005	-	<0.05	-	0.82	19	-	6.8
MWAO	Well not sampled	-	-	-	-	-	-	-	-	-	-	-	-	-
MWAY	29-Mar-12	MGT	<0.01	520	<10	330	<0.005	-	<0.05	-	11	30	-	<5
MWAY	15-Apr-13	MGT	<0.01	560	<10	340	<0.005	-	<0.05	-	12	30	-	<25
MW1	02-Apr-12	MGT	0.04	610	<10	330	<0.005	-	<0.05	-	14	31	-	<5
MW1	10-Apr-13	MGT	<0.01	660	<10	360	<0.005	-	<0.05	-	9.4	32	-	<5
AA3 - MUA2														
MUA2 - On-Site Monitoring Wells														
MUA2_GW1	28-Mar-12	MGT	<0.01	540	<10	350	<0.005	-	<0.05	-	12	32	-	<5
MUA2_GW1	08-Apr-13	MGT	<0.01	560	<10	320	<0.005	-	<0.05	-	18	33	-	<5
MUA2_GW2	28-Mar-12	MGT	<0.01	510	<10	350	<0.005	-	<0.05	-	23	31	-	<5
MUA2_GW2	08-Apr-13	MGT	<0.01	530	<10	320	<0.005	-	<0.05	-	26	32	-	<5
MUA2_GW3	28-Mar-12	MGT	0.01	500	<10	320	<0.005	-	<0.05	-	9.7	29	-	<5
MUA2_GW3	08-Apr-13	MGT	<0.01	550	<10	310	<0.005	-	<0.05	-	15	30	-	<5
MUA2 - Off-Site Monitoring Wells														
AA2_MW1	10-May-12	MGT	<0.01	550	<10	350	<0.005	-	<0.05	-	13	31	-	<5
AA2_MW1	09-Apr-13	MGT	<0.01	560	<10	360	<0.005	-	<0.05	-	16	32	-	<5
AA2_MW3	09-Apr-13	MGT	<0.01	550	<10	340	<0.005	-	<0.05	-	14	30	-	<5
AA2_MW6	09-Apr-13	MGT	<0.01	590	<10	370	<0.005	-	<0.05	-	14	33	-	<5

100 Indicates reported result is greater than laboratory operating limits (LOR)
Result above one or more water quality guidelines

Groundwater Quality Guidelines

Ecosystem Protection - Freshwater	0.5	-	-	-	-	0.005	-	-	-	-	-	-	0.002	15
Drinking Water	-	-	-	-	-	0.08	-	-	-	-	10	500	-	-
Agriculture - Irrigation	-	-	-	-	-	1	-	-	-	-	-	-	-	-

Chemical Test Results (Groundwater) - PAH



Client:- CFSGAM c/o - McMahon Services
Location:- Former Hills Industries Site, Edwardstown (AA3)
Job Ref:- 3698

Test Results:-

Bore No.	Date Sampled	Laboratory	Polycyclic Aromatic Hydrocarbons (PAH)																
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(e)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	Phenanthrene	Pyrene	PAHs (total)
AA3 - MUA1																			
MUA1 - On-Site Monitoring Wells																			
MWAX	02-Apr-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWAX	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1_GW1	28-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1_GW1	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1_GW2	28-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1_GW2	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1 - Off-Site Monitoring Wells																			
MWC	25-Nov-08	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWC	29-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWC	15-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWP	29-Aug-09	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWP	22-Jul-10	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWAO	04-Apr-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWAY	29-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MWAY	15-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MW1	02-Apr-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MW1	10-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
AA3 - MUA2																			
MUA2 - On-Site Monitoring Wells																			
MUA2_GW1	28-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA2_GW1	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA2_GW2	28-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA2_GW2	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA2_GW3	28-Mar-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA2_GW3	08-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MUA1 - Off-Site Monitoring Wells																			
AA2_MW1	10-May-12	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
AA2_MW1	09-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
AA2_MW3	09-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
AA2_MW6	09-Apr-13	MGT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

All results in mg/L.

100 Indicates reported result is greater than laboratory operating limits (LOR)

** Indicates laboratory detection limit is above one or more adopted guidelines

Groundwater Quality Guidelines

Guideline	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(e)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	Phenanthrene	Pyrene	PAHs (total)
Ecosystem Protection - Freshwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003
Drinking Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00001
Agriculture - Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: * indicates guidelines adopted from Dutch C Clean Up (1983) Level and Dutch Intervention Level (1999)

Chemical Test Results (Groundwater) - PCB's, PHENOLS

Client:- CFSGAM c/o - McMahon Services
Location:- Former Hills Industries Site, Edwardstown (AA3)
Job Ref:- 3698



Test Results:-

Sample No.	Date Sampled	Source/ Location	PCB's Phenols											
			Total PCB's	2-Chlorophenol	2-Methylphenol (O-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4,6-Trichlorophenol	2,6-Dichlorophenol	3 & 4-Methylphenol (m&p-Cresol)	4-Chloro-3-methylphenol	Pentachlorophenol	Phenol
AA3 - MUA1														
MUA1 - Off-Site Monitoring Wells														
MWC	25-Nov-08	MGT	<0.01	<0.002	<0.002	<0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002
MWP	29-Aug-09	MGT	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005
MWP	22-Jul-10	MGT	<0.01	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.002	<0.005	<0.002	<0.005	<0.002

All results in mg/L

100	Indicates reported result is greater than laboratory operating limits (LOR)
	Result above one or more water quality guidelines

Groundwater Quality Guidelines

Guideline Category	Total PCB's	2-Chlorophenol	2-Methylphenol (O-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4,6-Trichlorophenol	2,6-Dichlorophenol	3 & 4-Methylphenol (m&p-Cresol)	4-Chloro-3-methylphenol	Pentachlorophenol	Phenol
Ecosystem Protection - Freshwater	0.000001	-	-	-	0.0002	-	0.018	-	-	-	0.00005	0.05
Drinking Water	-	-	-	-	0.0003	-	0.002	-	-	-	0.00001	-
Agriculture - Irrigation	-	-	-	-	-	-	-	-	-	-	-	-

Chemical Test Results (Groundwater) - TPH, MAH



Client:- CFSGAM c/o - McMahon Services
 Location:- Former Hills Industries Site, Edwardstown (AA3)
 Job Ref:- 3698

Test Results:-

Bore No.	Date Sampled	Laboratory	Total Petroleum Hydrocarbons (TPH) - 1999 NEPM Fraction					Total Petroleum Hydrocarbons (TPH) - Draft 2010 NEPM Fractions					Monocyclic Aromatic Hydrocarbons (MAH)					Hydrocarbon Gases						
			C6-C9	C10-C14	C15-C28	C29-C36	Total C10-C36	C6-C10	C6-C10 less BTEX	>C10-C16	>C10-C16 less Naphthalene	>C16-C34	>C34-C40	Benzene	Toluene	Ethylbenzene	Xylenes	Styrene	Cumene	Methane	Ethylene	Ethane		
AA3 - MUA1																								
MUA1 - On-Site Monitoring Wells																								
MWAX	20-Dec-10	MGT	0.02	<0.05	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-	
MWAX	02-Apr-12	MGT	0.02	<0.05	<0.1	<0.1	<0.1	0.02	0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAX	08-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA1_GW1	28-Mar-12	MGT	0.05	<0.05	<0.1	<0.1	<0.1	0.05	0.05	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MUA1_GW1	08-Apr-13	MGT	0.02	<0.05	<0.1	<0.1	<0.1	0.02	0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA1_GW2	28-Mar-12	MGT	0.03	<0.05	<0.1	<0.1	<0.1	0.03	0.03	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MUA1_GW2	08-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA1 - Off-Site Monitoring Wells																								
MWC	25-Nov-08	MGT	0.22	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	-	
MWC	29-Aug-09	MGT	0.17	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-	-	-
MWC	26-Jul-10	MGT	0.04	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWC	16-Dec-10	MGT	0.05	<0.05	<0.1	<0.1	<0.1	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWC	29-Mar-12	MGT	0.10	<0.05	<0.1	<0.1	<0.1	0.10	0.10	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWC	15-Apr-13	MGT	0.02	<0.05	<0.1	<0.1	<0.1	0.02	0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MWP	29-Aug-09	MGT	0.10	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	<0.001	<0.001	<0.001		
MWP	22-Jul-10	MGT	0.04	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAO	23-Jul-10	MGT	<0.02	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAO	14-Dec-10	MGT	<0.02	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAO	04-Apr-12	MGT	0.06	<0.05	<0.1	<0.1	<0.1	0.06	0.06	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAY	14-Dec-10	MGT	<0.02	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAY	28-Mar-12	MGT	0.04	<0.05	<0.1	<0.1	<0.1	0.04	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MWAY	15-Apr-13	MGT	0.04	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MW1	25-Nov-08	MGT	0.05	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	-	-	-	
MW1	29-Aug-09	MGT	0.20	0.08	<0.1	<0.1	0.18	-	-	-	-	-	-	0.010	<0.001	0.003	<0.001	<0.001	<0.001	0.016	-	-	-	
MW1	23-Jul-10	MGT	0.10	0.10	<0.1	<0.1	0.2	-	-	-	-	-	-	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MW1	14-Dec-10	MGT	0.06	<0.05	<0.1	<0.1	<0.25	-	-	-	-	-	-	0.003	<0.001	<0.001	<0.003	-	-	-	-	-		
MW1	02-Apr-12	MGT	0.03	<0.05	<0.1	<0.1	<0.25	0.03	0.03	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MW1	10-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
AA3 - MUA2																								
MUA2 - On-Site Monitoring Wells																								
MUA2_GW1	28-Mar-12	MGT	0.03	<0.05	<0.1	<0.1	<0.1	0.03	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MUA2_GW1	08-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA2_GW2	28-Mar-12	MGT	0.03	<0.05	<0.1	<0.1	<0.1	0.03	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MUA2_GW2	08-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA2_GW3	28-Mar-12	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
MUA2_GW3	08-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
MUA2 - Off-Site Monitoring Wells																								
AA2_MW1	10-May-12	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	-	-	-		
AA2_MW1	09-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
AA2_MW3	09-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		
AA2_MW6	09-Apr-13	MGT	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.02	<0.05	<0.05	<0.1	<0.1	<0.001	<0.001	<0.001	<0.003	-	-	<0.05	<0.1	<0.1		

All results in mg/L.
 100 Indicates reported result is greater than laboratory operating limits (LOR)
 Result above one or more water quality guidelines
 ** Indicates laboratory detection limit is above one or more adopted guidelines

Groundwater Quality Guidelines

Guideline	C6-C9	C10-C14	C15-C28	C29-C36	Total C10-C36	C6-C10	C6-C10 less BTEX	>C10-C16	>C10-C16 less Naphthalene	>C16-C34	>C34-C40	Benzene	Toluene	Ethylbenzene	Xylenes	Styrene	Cumene	Methane	Ethylene	Ethane
Ecosystem Protection - Freshwater	0.15*	-	-	-	0.6*	-	-	-	-	-	-	0.3	0.3	0.15	0.3	-	-	0.3	0.3	0.15
Drinking Water	-	-	-	-	-	-	-	-	-	-	-	0.001	0.8	0.3	0.6	0.03	-	0.001	0.8	0.3
Agriculture - Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-