

# APPENDIX B3:L

## Contaminated land documentation

Golder Associates

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# APPENDIX L

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137632097



Field Blanks (SOIL)  
 Filter: SDG in('EB1228782') and Site\_ID IN('127683017')

<b>SDG</b>	EB1228782
<b>Field_ID</b>	QA6
<b>Sampled_Date-Time</b>	2/11/2012
<b>Sample_Type</b>	Trip_B

Chem_Group	ChemName	Units	EQL
MAH	Benzene	mg/kg	0.2
	Ethylbenzene	mg/kg	0.5
	Toluene	mg/kg	0.5
	Xylenes (m & p)	mg/kg	0.5
	Xylene (o)	mg/kg	0.5
	Xylenes (Sum of total)	mg/kg	0.5
	Total BTEX	mg/kg	0.2
	Naphthalene	mg/kg	0.5
			<1
Total Petroleum Hydrocarbons	TPH C 6 - C 9 Fraction	mg/kg	10
			<10

# APPENDIX B3:L

137632097



Field Blanks (WATER)  
Filter: SDG in('EB1228782') and Site\_ID IN('127683017')

<b>SDG</b>	EB1228782
<b>Field_ID</b>	QA5
<b>Sampled_Date-Time</b>	2/11/2012
<b>Sample_Type</b>	Rinsate

Chem_Group	ChemName	Units	EQL	
Halogenated Benzenes	Hexachlorobenzene	mg/l	0.0005	<0.0005
Heavy Metals	Arsenic	mg/l	0.001	<0.001
	Cadmium	mg/l	0.0001	<0.0001
	Chromium	mg/l	0.001	<0.001
	Copper	mg/l	0.001	<0.001
	Lead	mg/l	0.001	<0.001
	Mercury	mg/l	0.0001	<b>0.0004</b>
	Nickel	mg/L	0.001	<0.001
	Zinc	mg/l	0.005	<0.005
MAH	Benzene	mg/l	0.001	<0.001
	Ethylbenzene	mg/l	0.002	<0.002
	Toluene	mg/l	0.002	<0.002
	Xylenes (m & p)	mg/l	0.002	<0.002
	Xylene (o)	mg/l	0.002	<0.002
	Xylenes (Sum of total)	mg/l	0.002	<0.002
	Total BTEX	mg/l	0.001	<0.001
Organochlorine Pesticides	a-BHC	mg/l	0.0005	<0.0005
	Aldrin	mg/l	0.0005	<0.0005
	Aldrin & Dieldrin (Sum of total)	mg/l	0.0005	<0.0005
	b-BHC	mg/l	0.0005	<0.0005
	Chlordane (Sum of total)	mg/l	0.0005	<0.0005
	cis-Chlordane	mg/l	0.0005	<0.0005
	trans-Chlordane	mg/l	0.0005	<0.0005
	d-BHC	mg/l	0.0005	<0.0005
	DDD	mg/l	0.0005	<0.0005
	DDE	mg/l	0.0005	<0.0005
	DDT	mg/l	0.002	<0.002
	DDT+DDE+DDD (Sum of total)	mg/l	0.0005	<0.0005
	Dieldrin	mg/l	0.0005	<0.0005
	Endosulfan I	mg/l	0.0005	<0.0005
	Endosulfan II	mg/L	0.0005	<0.0005
	Endosulfan sulphate	mg/l	0.0005	<0.0005
	Endrin	mg/L	0.0005	<0.0005
	Endrin aldehyde	mg/l	0.0005	<0.0005
	Endrin ketone	mg/l	0.0005	<0.0005
	g-BHC	mg/l	0.0005	<0.0005
	Heptachlor	mg/L	0.0005	<0.0005
	Heptachlor epoxide	mg/l	0.0005	<0.0005
	Methoxychlor	mg/L	0.002	<0.002
Organophosphorous Pesticides	Azinphos-methyl	mg/L	0.0005	<0.0005
	Bromophos-ethyl	mg/L	0.0005	<0.0005
	Carbophenothion	mg/L	0.0005	<0.0005
	Chlorfenvinphos	mg/l	0.0005	<0.0005
	Chlorpyrifos	mg/l	0.0005	<0.0005
	Chlorpyrifos-methyl	mg/l	0.0005	<0.0005
	Diazinon	mg/L	0.0005	<0.0005
	Dichlorvos	mg/L	0.0005	<0.0005
	Dimethoate	mg/L	0.0005	<0.0005
	Ethion	mg/l	0.0005	<0.0005
	Fenamiphos	mg/l	0.0005	<0.0005
	Fenthion	mg/l	0.0005	<0.0005
	Malathion	mg/l	0.0005	<0.0005
	Parathion-methyl	mg/l	0.002	<0.002
	Monocrotophos	mg/l	0.002	<0.002
	Parathion	mg/l	0.002	<0.002
	Pririphos-ethyl	mg/l	0.0005	<0.002
	Prothiofos	mg/l	0.0005	<0.0005
Other	Benzo(a)pyrene (TEQs)	mg/l	0.0005	<0.0005
PAH	Acenaphthene	mg/L	0.001	<0.001
	Acenaphthylene	mg/l	0.001	<0.001
	Anthracene	mg/l	0.001	<0.001
	Benzo(a)anthracene	mg/l	0.001	<0.001
	Benzo(a)pyrene	mg/L	0.0005	<0.0005
	Benzo(b)fluoranthene	mg/l	0.001	<0.001
	Benzo(g,h,i)perylene	mg/l	0.001	<0.001
	Benzo(k)fluoranthene	mg/l	0.001	<0.001
	Chrysene	mg/l	0.001	<0.001
	Dibenz(a,h)anthracene	mg/l	0.001	<0.001
	Fluoranthene	mg/l	0.001	<0.001
	Fluorene	mg/L	0.001	<0.001
	Indeno(1,2,3-c,d)pyrene	mg/l	0.001	<0.001
	Naphthalene	mg/l	0.001	<0.005
	Phenanthrene	mg/L	0.001	<0.001
	Pyrene	mg/l	0.001	<0.001
	PAH (Sum of Common 16 PAHs - Lab Reported)	mg/l	0.0005	<0.0005
Pesticides-Others	Demeton-s-methyl	mg/l	0.0005	<0.0005
Total Petroleum Hydrocarbons	TPH C 6 - C 9 Fraction	mg/L	0.02	<b>0.03</b>
	TPH C10 - C14 Fraction	mg/l	0.05	<0.05
	TPH C15 - C28 Fraction	mg/L	0.1	<0.1
	TPH C29-C36 Fraction	mg/l	0.05	<0.05
	TPH+C10 - C36 (Sum of total) (Lab Reported)	mg/l	0.05	<0.05

# APPENDIX B3:L

137632097

Field Duplicate (SOCL)  
Filter: SDG (E1228762) and Site\_ID (N12768017)

Chemical Group	Chem Name	Units	EQL	E1228762		E1228762		E1228762		E1228762		E1228762	
				Concentration	Time	Concentration	Time	Concentration	Time	Concentration	Time	Concentration	Time
Halogenated Benzene	Headchlorobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headbromobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headiodobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headchlorobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headbromobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headiodobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headchlorobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headbromobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headiodobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Headchlorobenzene	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Heavy Metals	Antimony	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Asbestos	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Cadmium	mg/kg	2	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Chromium	mg/kg	2	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Copper	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Lead	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Manganese	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Mercury	mg/kg	0.1	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Nickel	mg/kg	2	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Zinc	mg/kg	5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
MAH	Benzene	mg/kg	0.2	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Ethylbenzene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Styrene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	o-Xylene (o-X)	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	m-Xylene (m-X)	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	p-Xylene (p-X)	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Total BTEX	mg/kg	0.2	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Total PAHs	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Total PCBs	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Total Dioxins	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Organochlorine Pesticides	Aldrin	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Dieldrin	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endosulfan I	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endosulfan II	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endosulfan Sulfate	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endrin	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endrin aldehyde	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Endrin ketone	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Heptachlor Epoxide	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Methoxychlor	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Organophosphorous Pesticides	Azinphos-methyl	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Chlorpyrifos	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Disulfoton	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Phosphamidon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Terbufos	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Thiophan-methyl	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Phosphotriester	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Phosphor-ethyl	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Phosphor-ethyl	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Phosphor-ethyl	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Other	Benzofuran (EOL)	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Acetylacetone	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Acetylacetone	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Acetylacetone	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Anthracene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Benzo(a)anthracene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Benzo(b)fluoranthene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Benzo(k)fluoranthene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Benzo(e)pyrene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Benzo(g)perylene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
PAH	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Fluorene	mg/kg	0.5	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Pesticides/Other	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	Diazinon	mg/kg	0.05	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
Total Petroleum Hydrocarbons	PH-C6 - C9 Fraction	mg/kg	10	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C10 - C14 Fraction	mg/kg	20	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C15 - C28 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C29 - C36 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C37 - C50 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C51 - C60 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C61 - C70 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0.05	0
	PH-C71 - C80 Fraction	mg/kg	100	<1.33	0	<1.33	0	<1.33	<0.05	0	<1.33	<0	