

Your P.O. #: 2012 KITIKMEOT
Your Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your C.O.C. #: 324000

Attention: ANDREW PASSALIS
EGE ENGINEERING LTD.
511 PEPPERLOAF CRESCENT
WINNIPEG, MB
CANADA R3R 1E6

Report Date: 2012/08/28

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B274498

Received: 2012/08/20, 18:00

Sample Matrix: Soil
Samples Received: 78

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
BTEX/F1 by HS GC/MS (MeOH extract) (1)	20	2012/08/22	2012/08/24	AB SOP-00039	CCME, EPA 8260C
BTEX/F1 by HS GC/MS (MeOH extract) (1)	40	2012/08/22	2012/08/25	AB SOP-00039	CCME, EPA 8260C
BTEX/F1 by HS GC/MS (MeOH extract) (1)	1	2012/08/22	2012/08/27	AB SOP-00039	CCME, EPA 8260C
BTEX/F1 by HS GC/MS (MeOH extract)	1	2012/08/22	2012/08/28	AB SOP-00039	CCME, EPA 8260C
BTEX/F1 by HS GC/MS (MeOH extract) (1)	16	2012/08/23	2012/08/25	AB SOP-00039	CCME, EPA 8260C
CCME Hydrocarbons (F2-F4 in soil)	6	2012/08/22	2012/08/24	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
CCME Hydrocarbons (F2-F4 in soil)	34	2012/08/22	2012/08/25	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
CCME Hydrocarbons (F2-F4 in soil)	22	2012/08/22	2012/08/27	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
CCME Hydrocarbons (F2-F4 in soil)	2	2012/08/23	2012/08/25	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
CCME Hydrocarbons (F2-F4 in soil)	9	2012/08/23	2012/08/26	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
CCME Hydrocarbons (F2-F4 in soil)	5	2012/08/23	2012/08/27	AB SOP-00040 AB SOP-00036	CCME PHC-CWS
Elements by ICPMS - Soils	78	2012/08/24	2012/08/26	AB SOP-00043	EPA 200.8
Moisture	78	N/A	2012/08/23	AB SOP-00002	CCME PHC-CWS
Polychlorinated Biphenyls	3	2012/08/25	2012/08/25	CAL SOP-00149	EPA 3550B, EPA 8082A
Polychlorinated Biphenyls	37	2012/08/25	2012/08/27	CAL SOP-00149	EPA 3550B, EPA 8082A
Polychlorinated Biphenyls	38	2012/08/25	2012/08/28	CAL SOP-00149	EPA 3550B, EPA 8082A

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Maxxam Edmonton Environmental

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CERTIFICATE OF ANALYSIS

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Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Ioana Stoica, Project Manager
Email: IStoica@maxxam.ca
Phone# (403) 291-3077

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 2

Maxxam Job #: B274498
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EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

RESULTS OF CHEMICAL ANALYSES OF SOIL

Maxxam ID		EG5287	EG5288	EG5289	EG5290	EG5291	EG5292		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-1A	C112-1B	C112-2A	C112-2B	C112-3A	C112-3B	RDL	QC Batch

Physical Properties									
Moisture	%	22	14	6.0	2.6	3.2	2.4	0.30	6108910
RDL = Reportable Detection Limit									

Maxxam ID		EG5293	EG5294	EG5296	EG5297	EG5298	EG5302		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-4A	C112-4B	C112-5A	C112-5B	C112-6A	C112-6B	RDL	QC Batch

Physical Properties									
Moisture	%	9.6	6.7	4.9	2.9	8.9	11	0.30	6108910
RDL = Reportable Detection Limit									

Maxxam ID		EG5303	EG5304	EG5305	EG5306		EG5346		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16		2012/08/16		
COC Number		324000	324000	324000	324000		324000		
	UNITS	C112-7A	C112-7B	C112-8A	C112-8B	QC Batch	C112-9A	RDL	QC Batch

Physical Properties									
Moisture	%	6.5	6.1	7.0	5.5	6108910	23	0.30	6109529
RDL = Reportable Detection Limit									

Maxxam ID		EG5347	EG5348	EG5349	EG5350	EG5351	EG5352		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-9B	C112-10A	C112-10B	C112-11A	C112-11B	C112-12A	RDL	QC Batch

Physical Properties									
Moisture	%	11	8.3	6.7	9.9	2.8	4.6	0.30	6109529
RDL = Reportable Detection Limit									

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RESULTS OF CHEMICAL ANALYSES OF SOIL

Maxxam ID		EG5353	EG5354	EG5355	EG5356	EG5357	EG5358		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-12B	C112-13A	C112-13B	C112-14A	C112-14B	C112-15A	RDL	QC Batch

Physical Properties									
Moisture	%	5.2	2.6	2.4	2.6	1.8	12	0.30	6109529
RDL = Reportable Detection Limit									

Maxxam ID		EG5359	EG5360	EG5361	EG5362	EG5363	EG5364		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-15B	C112-16A	C112-16B	C112-17A	C112-17B	C112-18A	RDL	QC Batch

Physical Properties									
Moisture	%	2.4	2.3	2.9	3.9	3.6	5.8	0.30	6109529
RDL = Reportable Detection Limit									

Maxxam ID		EG5365	EG5366	EG5367		EG5368		EG5369		
Sampling Date		2012/08/16	2012/08/16	2012/08/16		2012/08/16		2012/08/16		
COC Number		324000	324000	324000		324000		324000		
	UNITS	C112-18B	C112-19A	C112-19B	QC Batch	C112-20A	QC Batch	C112-20B	RDL	QC Batch

Physical Properties										
Moisture	%	3.0	14	4.5	6108865	17	6109356	8.3	0.30	6109110
RDL = Reportable Detection Limit										

Maxxam ID		EG5370	EG5371	EG5372	EG5373	EG5374	EG5375		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-21A	C112-21B	C112-22A	C112-22B	C112-23A	C112-23B	RDL	QC Batch

Physical Properties									
Moisture	%	5.8	5.1	31	8.4	9.0	7.7	0.30	6111702
RDL = Reportable Detection Limit									

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RESULTS OF CHEMICAL ANALYSES OF SOIL

Maxxam ID		EG5376	EG5381	EG5382	EG5383	EG5384	EG5385		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-24A	C112-24B	C112-25A	C112-25B	C112-26A	C112-26B	RDL	QC Batch

Physical Properties									
Moisture	%	10	9.4	7.7	6.1	11	9.3	0.30	6111702
RDL = Reportable Detection Limit									

Maxxam ID		EG5386	EG5387	EG5388	EG5389	EG5390	EG5401		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-27A	C112-27B	C112-28A	C112-28B	C112-29A	C112-29B	RDL	QC Batch

Physical Properties									
Moisture	%	15	3.3	4.4	7.0	4.0	5.6	0.30	6111702
RDL = Reportable Detection Limit									

Maxxam ID		EG5402		EG5403	EG5404	EG5405	EG5406		
Sampling Date		2012/08/15		2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000		324000	324000	324000	324000		
	UNITS	C112-30A	QC Batch	C112-30B	C112-31A	C112-31B	C112-32A	RDL	QC Batch

Physical Properties									
Moisture	%	16	6111702	4.4	2.7	3.6	14	0.30	6111716
RDL = Reportable Detection Limit									

Maxxam ID		EG5407	EG5408	EG5409	EG5410	EG5411	EG5412		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-32B	C112-33A	C112-33B	C112-34A	C112-34B	C112-35A	RDL	QC Batch

Physical Properties									
Moisture	%	15	3.1	2.9	3.1	7.7	5.9	0.30	6111716
RDL = Reportable Detection Limit									

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RESULTS OF CHEMICAL ANALYSES OF SOIL

Maxxam ID		EG5413	EG5415	EG5416		EG5417	EG5418		
Sampling Date		2012/08/15	2012/08/15	2012/08/15		2012/08/16	2012/08/16		
COC Number		324000	324000	324000		324000	324000		
	UNITS	C112-35B	C112-BD1	C112-BD2	QC Batch	C112-BD3	C112-BD4	RDL	QC Batch

Physical Properties									
Moisture	%	4.5	2.7	13	6111716	6.6	5.5	0.30	6108759

RDL = Reportable Detection Limit

Maxxam ID		EG5419	EG5420	EG5421	EG5422		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000		
	UNITS	C112-BD5	C112-BD6	C112-BD7	C112-BD8	RDL	QC Batch

Physical Properties							
Moisture	%	6.0	8.7	7.6	2.7	0.30	6111716

RDL = Reportable Detection Limit

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PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5287	EG5288	EG5289	EG5290	EG5291	EG5292		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-1A	C112-1B	C112-2A	C112-2B	C112-3A	C112-3B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6113541
F3 (C16-C34 Hydrocarbons)	mg/kg	27	17	<10	<10	16	<10	10	6113541
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6113541
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	95	98	99	101	107	107		6113541
RDL = Reportable Detection Limit									

Maxxam ID		EG5293	EG5294	EG5296	EG5297	EG5298	EG5302		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-4A	C112-4B	C112-5A	C112-5B	C112-6A	C112-6B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	17	10	6113541
F3 (C16-C34 Hydrocarbons)	mg/kg	22	<10	<10	<10	12	55	10	6113541
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6113541
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	92	96	98	101	99	98		6113541
RDL = Reportable Detection Limit									

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PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5303	EG5304	EG5305	EG5306	EG5346	EG5347		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-7A	C112-7B	C112-8A	C112-8B	C112-9A	C112-9B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6113541
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	<10	<10	57	24	10	6113541
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6113541
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	93	97	95	93	94	94		6113541
RDL = Reportable Detection Limit									

Maxxam ID		EG5348	EG5349		EG5350	EG5351	EG5352		
Sampling Date		2012/08/16	2012/08/16		2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000		324000	324000	324000		
	UNITS	C112-10A	C112-10B	QC Batch	C112-11A	C112-11B	C112-12A	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	6113541	<10	<10	<10	10	6113620
F3 (C16-C34 Hydrocarbons)	mg/kg	18	11	6113541	11	<10	<10	10	6113620
Reached Baseline at C50	mg/kg	Yes	Yes	6113541	Yes	Yes	Yes		6113620
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	101	90	6113541	106	100	94		6113620
RDL = Reportable Detection Limit									

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PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5353	EG5354	EG5355	EG5356	EG5357	EG5358		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-12B	C112-13A	C112-13B	C112-14A	C112-14B	C112-15A	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6113620
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6113620
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6113620
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	100	103	102	102	103	98		6113620
RDL = Reportable Detection Limit									

Maxxam ID		EG5359	EG5360	EG5361	EG5362	EG5363	EG5364		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-15B	C112-16A	C112-16B	C112-17A	C112-17B	C112-18A	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	13	<10	<10	<10	10	6113620
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	19	<10	<10	<10	10	6113620
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6113620
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	101	98	98	102	104	99		6113620
RDL = Reportable Detection Limit									

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PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5365	EG5366	EG5367	EG5368	EG5369		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-18B	C112-19A	C112-19B	C112-20A	C112-20B	RDL	QC Batch

Ext. Pet. Hydrocarbon								
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	10	6113620
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	<10	21	<10	10	6113620
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes		6113620
Surrogate Recovery (%)								
O-TERPHENYL (sur.)	%	102	101	100	111	106		6113620
RDL = Reportable Detection Limit								

Maxxam ID		EG5370	EG5371	EG5372	EG5373	EG5374	EG5375		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-21A	C112-21B	C112-22A	C112-22B	C112-23A	C112-23B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6114283
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	40	<10	<10	12	10	6114283
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6114283
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	96	97	101	99	97	100		6114283
RDL = Reportable Detection Limit									

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PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5376	EG5381	EG5382	EG5383	EG5384	EG5385		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-24A	C112-24B	C112-25A	C112-25B	C112-26A	C112-26B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6114283
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6114283
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6114283
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	99	104	100	94	99	95		6114283
RDL = Reportable Detection Limit									

Maxxam ID		EG5386	EG5387	EG5388	EG5389	EG5390	EG5401		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-27A	C112-27B	C112-28A	C112-28B	C112-29A	C112-29B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6115504
F3 (C16-C34 Hydrocarbons)	mg/kg	37	<10	<10	<10	<10	<10	10	6115504
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6115504
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	106	106	99	96	92	96		6115504
RDL = Reportable Detection Limit									

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Sampler Initials: AP

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5402	EG5403	EG5404	EG5405	EG5406	EG5407		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-30A	C112-30B	C112-31A	C112-31B	C112-32A	C112-32B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6115504
F3 (C16-C34 Hydrocarbons)	mg/kg	20	<10	<10	<10	40	33	10	6115504
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6115504
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	102	90	94	99	96	94		6115504
RDL = Reportable Detection Limit									

Maxxam ID		EG5408	EG5409	EG5410	EG5411	EG5412	EG5413		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-33A	C112-33B	C112-34A	C112-34B	C112-35A	C112-35B	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6115504
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	<10	<10	<10	<10	<10	10	6115504
Reached Baseline at C50	mg/kg	Yes	Yes	Yes	Yes	Yes	Yes		6115504
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	94	105	106	97	98	96		6115504
RDL = Reportable Detection Limit									

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

PETROLEUM HYDROCARBONS (CCME)

Maxxam ID		EG5415	EG5416		EG5417	EG5418	EG5419		
Sampling Date		2012/08/15	2012/08/15		2012/08/16	2012/08/16	2012/08/17		
COC Number		324000	324000		324000	324000	324000		
	UNITS	C112-BD1	C112-BD2	QC Batch	C112-BD3	C112-BD4	C112-BD5	RDL	QC Batch

Ext. Pet. Hydrocarbon									
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	<10	6115504	<10	<10	<10	10	6114283
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	35	6115504	<10	<10	<10	10	6114283
Reached Baseline at C50	mg/kg	Yes	Yes	6115504	Yes	Yes	Yes		6114283
Surrogate Recovery (%)									
O-TERPHENYL (sur.)	%	103	93	6115504	99	100	96		6114283

RDL = Reportable Detection Limit

Maxxam ID		EG5420		EG5421	EG5422		
Sampling Date		2012/08/17		2012/08/17	2012/08/17		
COC Number		324000		324000	324000		
	UNITS	C112-BD6	QC Batch	C112-BD7	C112-BD8	RDL	QC Batch

Ext. Pet. Hydrocarbon							
F2 (C10-C16 Hydrocarbons)	mg/kg	<10	6114283	<10	<10	10	6115793
F3 (C16-C34 Hydrocarbons)	mg/kg	<10	6114283	21	<10	10	6115793
Reached Baseline at C50	mg/kg	Yes	6114283	Yes	Yes		6115793
Surrogate Recovery (%)							
O-TERPHENYL (sur.)	%	93	6114283	84	89		6115793

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5287	EG5288	EG5289	EG5290	EG5291		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-1A	C112-1B	C112-2A	C112-2B	C112-3A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	119	112	123	108	116		6115753

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5292	EG5293	EG5294	EG5296	EG5297		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-3B	C112-4A	C112-4B	C112-5A	C112-5B	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	114	119	115	95	118		6115753

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5298	EG5302	EG5303	EG5304	EG5305		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-6A	C112-6B	C112-7A	C112-7B	C112-8A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	120	116	121	121	119		6115753

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5306	EG5346	EG5347	EG5348	EG5349		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-8B	C112-9A	C112-9B	C112-10A	C112-10B	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115753
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	121	114	123	124	117		6115753

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5350	EG5351	EG5352	EG5353	EG5354		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-11A	C112-11B	C112-12A	C112-12B	C112-13A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	119	69	81	123	118		6115816

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5355	EG5356	EG5357	EG5358	EG5359		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-13B	C112-14A	C112-14B	C112-15A	C112-15B	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	105	118	103	110	118		6115816

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5360	EG5361	EG5362	EG5363	EG5364		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-16A	C112-16B	C112-17A	C112-17B	C112-18A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6115816
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	120	106	117	125	124		6115816

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5365	EG5366		EG5367	EG5368	EG5369		
Sampling Date		2012/08/16	2012/08/16		2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000		324000	324000	324000		
	UNITS	C112-18B	C112-19A	QC Batch	C112-19B	C112-20A	C112-20B	RDL	QC Batch

Polychlorinated Biphenyls									
Aroclor 1016	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1221	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1232	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1242	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1248	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1254	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1260	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1262	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1268	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Total Aroclors	mg/kg	<0.010	<0.010	6115816	<0.010	<0.010	<0.010	0.010	6116118
Surrogate Recovery (%)									
NONACHLOROBIPHENYL (sur.)	%	112	124	6115816	111	106	115		6116118

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5370	EG5371	EG5372	EG5373	EG5374		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-21A	C112-21B	C112-22A	C112-22B	C112-23A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116118
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	113	111	109	107	112		6116118

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5375	EG5376	EG5381	EG5382		EG5383		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17		2012/08/17		
COC Number		324000	324000	324000	324000		324000		
	UNITS	C112-23B	C112-24A	C112-24B	C112-25A	QC Batch	C112-25B	RDL	QC Batch

Polychlorinated Biphenyls									
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	6116118	<0.010	0.010	6116206
Surrogate Recovery (%)									
NONACHLOROBIPHENYL (sur.)	%	105	126	112	117	6116118	111		6116206

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5384	EG5385	EG5386	EG5387	EG5388		
Sampling Date		2012/08/17	2012/08/17	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-26A	C112-26B	C112-27A	C112-27B	C112-28A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	99	102	107	113	101		6116206

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5389	EG5390	EG5401	EG5402	EG5403		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-28B	C112-29A	C112-29B	C112-30A	C112-30B	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	117	111	104	118	117		6116206

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5404	EG5405	EG5406	EG5407	EG5408		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-31A	C112-31B	C112-32A	C112-32B	C112-33A	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116206
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	111	110	120	130	101		6116206

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5409	EG5410	EG5411	EG5412		EG5413		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15		2012/08/15		
COC Number		324000	324000	324000	324000		324000		
	UNITS	C112-33B	C112-34A	C112-34B	C112-35A	QC Batch	C112-35B	RDL	QC Batch

Polychlorinated Biphenyls									
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	6116206	<0.010	0.010	6116207
Surrogate Recovery (%)									
NONACHLOROBIPHENYL (sur.)	%	116	112	126	127	6116206	123		6116207

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5415	EG5416	EG5417	EG5418	EG5419		
Sampling Date		2012/08/15	2012/08/15	2012/08/16	2012/08/16	2012/08/17		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-BD1	C112-BD2	C112-BD3	C112-BD4	C112-BD5	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	6116207
Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	111	112	119	120	121		6116207

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOIL)

Maxxam ID		EG5420	EG5421	EG5422		
Sampling Date		2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000		
	UNITS	C112-BD6	C112-BD7	C112-BD8	RDL	QC Batch

Polychlorinated Biphenyls						
Aroclor 1016	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1221	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1232	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1242	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1248	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1254	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1260	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1262	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Aroclor 1268	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Total Aroclors	mg/kg	<0.010	<0.010	<0.010	0.010	6116207
Surrogate Recovery (%)						
NONACHLOROBIPHENYL (sur.)	%	116	111	114		6116207
RDL = Reportable Detection Limit						

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5287	EG5288	EG5289	EG5290	EG5291	EG5292		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-1A	C112-1B	C112-2A	C112-2B	C112-3A	C112-3B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	2.5	4.6	2.6	3.3	3.5	6.8	1.0	6116386
Total Chromium (Cr)	mg/kg	<1.0	1.7	1.7	4.8	3.8	3.6	1.0	6116386
Total Cobalt (Co)	mg/kg	1.0	1.7	1.0	2.3	2.1	3.1	1.0	6116386
Total Copper (Cu)	mg/kg	7.9	<5.0	<5.0	9.1	<5.0	<5.0	5.0	6116386
Total Lead (Pb)	mg/kg	3.3	8.0	3.0	4.6	4.1	6.2	1.0	6116386
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116386
Total Nickel (Ni)	mg/kg	1.7	1.9	1.2	3.8	2.8	3.4	1.0	6116386
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116386

RDL = Reportable Detection Limit

Maxxam ID		EG5293	EG5294	EG5296	EG5297	EG5298	EG5302		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-4A	C112-4B	C112-5A	C112-5B	C112-6A	C112-6B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	<1.0	1.8	1.6	<1.0	11	16	1.0	6116386
Total Chromium (Cr)	mg/kg	<1.0	2.7	<1.0	<1.0	2.2	2.7	1.0	6116386
Total Cobalt (Co)	mg/kg	<1.0	1.5	<1.0	<1.0	1.7	2.4	1.0	6116386
Total Copper (Cu)	mg/kg	<5.0	<5.0	<5.0	<5.0	<5.0	5.7	5.0	6116386
Total Lead (Pb)	mg/kg	1.3	4.6	1.8	1.2	15	27	1.0	6116386
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116386
Total Nickel (Ni)	mg/kg	<1.0	1.9	<1.0	<1.0	2.5	3.3	1.0	6116386
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116386

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5303	EG5304	EG5305	EG5306	EG5346	EG5347		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-7A	C112-7B	C112-8A	C112-8B	C112-9A	C112-9B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	3.6	3.6	1.9	10	2.6	7.8	1.0	6116386
Total Chromium (Cr)	mg/kg	2.3	2.3	1.8	2.7	36	3.0	1.0	6116386
Total Cobalt (Co)	mg/kg	1.1	1.1	<1.0	1.7	<1.0	2.2	1.0	6116386
Total Copper (Cu)	mg/kg	<5.0	<5.0	<5.0	8.0	10	12	5.0	6116386
Total Lead (Pb)	mg/kg	6.4	6.7	2.9	12	110	13	1.0	6116386
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116386
Total Nickel (Ni)	mg/kg	1.6	1.6	1.1	2.5	2.7	3.3	1.0	6116386
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116386

RDL = Reportable Detection Limit

Maxxam ID		EG5348	EG5349		EG5350	EG5351	EG5352		
Sampling Date		2012/08/16	2012/08/16		2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000		324000	324000	324000		
	UNITS	C112-10A	C112-10B	QC Batch	C112-11A	C112-11B	C112-12A	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	1.8	4.7	6116386	<1.0	<1.0	<1.0	1.0	6116387
Total Chromium (Cr)	mg/kg	1.4	2.3	6116386	1.2	2.8	1.3	1.0	6116387
Total Cobalt (Co)	mg/kg	<1.0	1.0	6116386	<1.0	<1.0	<1.0	1.0	6116387
Total Copper (Cu)	mg/kg	<5.0	<5.0	6116386	<5.0	<5.0	<5.0	5.0	6116387
Total Lead (Pb)	mg/kg	2.6	5.9	6116386	<1.0	1.4	<1.0	1.0	6116387
Total Mercury (Hg)	mg/kg	<0.050	<0.050	6116386	<0.050	<0.050	<0.050	0.050	6116387
Total Nickel (Ni)	mg/kg	1.1	2.0	6116386	1.4	1.9	<1.0	1.0	6116387
Total Zinc (Zn)	mg/kg	<10	<10	6116386	<10	<10	<10	10	6116387

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5353	EG5354	EG5355	EG5356	EG5357	EG5358		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-12B	C112-13A	C112-13B	C112-14A	C112-14B	C112-15A	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	<1.0	<1.0	<1.0	3.0	1.6	1.6	1.0	6116387
Total Chromium (Cr)	mg/kg	2.6	2.0	1.6	2.9	2.3	2.2	1.0	6116387
Total Cobalt (Co)	mg/kg	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	6116387
Total Copper (Cu)	mg/kg	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6116387
Total Lead (Pb)	mg/kg	1.1	1.4	1.4	18	2.9	4.5	1.0	6116387
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116387
Total Nickel (Ni)	mg/kg	1.7	1.1	<1.0	1.7	3.3	1.3	1.0	6116387
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116387

RDL = Reportable Detection Limit

Maxxam ID		EG5359	EG5360	EG5361	EG5362	EG5363	EG5364		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-15B	C112-16A	C112-16B	C112-17A	C112-17B	C112-18A	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	1.5	<1.0	1.4	1.0	14	<1.0	1.0	6116387
Total Chromium (Cr)	mg/kg	1.5	1.6	1.3	1.8	1.9	1.6	1.0	6116387
Total Cobalt (Co)	mg/kg	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	1.0	6116387
Total Copper (Cu)	mg/kg	<5.0	<5.0	<5.0	<5.0	5.5	<5.0	5.0	6116387
Total Lead (Pb)	mg/kg	3.3	1.8	4.6	2.2	41	1.4	1.0	6116387
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116387
Total Nickel (Ni)	mg/kg	1.1	<1.0	<1.0	1.2	1.9	1.7	1.0	6116387
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116387

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5365	EG5366	EG5367	EG5368	EG5369		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-18B	C112-19A	C112-19B	C112-20A	C112-20B	RDL	QC Batch

Elements								
Total Arsenic (As)	mg/kg	<1.0	4.4	1.7	7.6	26	1.0	6116387
Total Chromium (Cr)	mg/kg	1.0	3.1	2.8	2.7	2.7	1.0	6116387
Total Cobalt (Co)	mg/kg	<1.0	<1.0	<1.0	<1.0	1.1	1.0	6116387
Total Copper (Cu)	mg/kg	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	6116387
Total Lead (Pb)	mg/kg	<1.0	7.2	4.0	9.9	26	1.0	6116387
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116387
Total Nickel (Ni)	mg/kg	<1.0	1.9	1.2	2.0	2.2	1.0	6116387
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	10	6116387

RDL = Reportable Detection Limit

Maxxam ID		EG5370	EG5371	EG5372	EG5373	EG5374	EG5375		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-21A	C112-21B	C112-22A	C112-22B	C112-23A	C112-23B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	8.4	8.3	5.4	3.7	38	39	1.0	6116337
Total Chromium (Cr)	mg/kg	2.8	3.0	3.5	2.2	1.9	1.6	1.0	6116337
Total Cobalt (Co)	mg/kg	<1.0	<1.0	<1.0	<1.0	1.4	1.2	1.0	6116337
Total Copper (Cu)	mg/kg	<5.0	<5.0	9.0	<5.0	<5.0	<5.0	5.0	6116337
Total Lead (Pb)	mg/kg	11	12	9.2	7.0	42	42	1.0	6116337
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116337
Total Nickel (Ni)	mg/kg	1.9	2.0	1.9	1.1	2.6	2.0	1.0	6116337
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116337

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5376	EG5381	EG5382	EG5383	EG5384	EG5385		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-24A	C112-24B	C112-25A	C112-25B	C112-26A	C112-26B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	2.9	6.4	1.7	3.0	1.5	2.2	1.0	6116337
Total Chromium (Cr)	mg/kg	2.3	2.7	2.5	3.7	3.4	3.4	1.0	6116337
Total Cobalt (Co)	mg/kg	<1.0	<1.0	3.8	1.0	<1.0	<1.0	1.0	6116337
Total Copper (Cu)	mg/kg	<5.0	<5.0	34	5.3	<5.0	5.8	5.0	6116337
Total Lead (Pb)	mg/kg	5.5	9.5	3.1	4.6	3.9	3.7	1.0	6116337
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116337
Total Nickel (Ni)	mg/kg	1.0	1.7	1.8	2.1	1.6	1.9	1.0	6116337
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116337

RDL = Reportable Detection Limit

Maxxam ID		EG5386	EG5387	EG5388	EG5389	EG5390	EG5401		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-27A	C112-27B	C112-28A	C112-28B	C112-29A	C112-29B	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	1.3	1.6	2.2	2.3	1.4	1.3	1.0	6116337
Total Chromium (Cr)	mg/kg	2.5	3.5	9.1	11	3.2	5.6	1.0	6116337
Total Cobalt (Co)	mg/kg	<1.0	1.2	2.7	2.9	<1.0	1.1	1.0	6116337
Total Copper (Cu)	mg/kg	<5.0	<5.0	6.2	21	<5.0	<5.0	5.0	6116337
Total Lead (Pb)	mg/kg	4.9	2.6	4.7	4.6	2.3	2.6	1.0	6116337
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116337
Total Nickel (Ni)	mg/kg	2.0	3.0	6.8	7.9	2.2	3.5	1.0	6116337
Total Zinc (Zn)	mg/kg	<10	<10	<10	13	<10	<10	10	6116337

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5402	EG5403		EG5404	EG5405	EG5406		
Sampling Date		2012/08/15	2012/08/15		2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000		324000	324000	324000		
	UNITS	C112-30A	C112-30B	QC Batch	C112-31A	C112-31B	C112-32A	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	<1.0	<1.0	6116337	<1.0	<1.0	2.0	1.0	6116385
Total Chromium (Cr)	mg/kg	2.8	3.6	6116337	2.7	3.4	9.6	1.0	6116385
Total Cobalt (Co)	mg/kg	<1.0	<1.0	6116337	<1.0	<1.0	2.0	1.0	6116385
Total Copper (Cu)	mg/kg	6.0	<5.0	6116337	<5.0	<5.0	7.3	5.0	6116385
Total Lead (Pb)	mg/kg	1.8	1.6	6116337	1.4	1.5	4.3	1.0	6116385
Total Mercury (Hg)	mg/kg	<0.050	<0.050	6116337	<0.050	<0.050	<0.050	0.050	6116385
Total Nickel (Ni)	mg/kg	2.2	2.0	6116337	1.4	2.1	5.7	1.0	6116385
Total Zinc (Zn)	mg/kg	<10	<10	6116337	<10	<10	<10	10	6116385

RDL = Reportable Detection Limit

Maxxam ID		EG5407	EG5408	EG5409	EG5410	EG5411	EG5412		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-32B	C112-33A	C112-33B	C112-34A	C112-34B	C112-35A	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	2.2	6.4	7.0	4.7	4.0	5.4	1.0	6116385
Total Chromium (Cr)	mg/kg	7.2	6.2	8.5	5.9	11	7.9	1.0	6116385
Total Cobalt (Co)	mg/kg	2.2	2.5	3.1	2.1	2.8	2.4	1.0	6116385
Total Copper (Cu)	mg/kg	7.2	<5.0	12	57	19	6.9	5.0	6116385
Total Lead (Pb)	mg/kg	5.1	18	23	22	11	12	1.0	6116385
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116385
Total Nickel (Ni)	mg/kg	5.2	5.0	7.1	4.8	7.3	5.6	1.0	6116385
Total Zinc (Zn)	mg/kg	<10	<10	<10	19	<10	<10	10	6116385

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		EG5413	EG5415	EG5416	EG5417	EG5418	EG5419		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/16	2012/08/16	2012/08/17		
COC Number		324000	324000	324000	324000	324000	324000		
	UNITS	C112-35B	C112-BD1	C112-BD2	C112-BD3	C112-BD4	C112-BD5	RDL	QC Batch

Elements									
Total Arsenic (As)	mg/kg	2.3	7.5	1.3	1.5	<1.0	7.9	1.0	6116385
Total Chromium (Cr)	mg/kg	4.0	6.7	3.9	1.3	1.8	2.8	1.0	6116385
Total Cobalt (Co)	mg/kg	1.2	2.8	<1.0	<1.0	<1.0	<1.0	1.0	6116385
Total Copper (Cu)	mg/kg	<5.0	5.2	<5.0	<5.0	<5.0	<5.0	5.0	6116385
Total Lead (Pb)	mg/kg	7.4	24	2.5	2.4	<1.0	11	1.0	6116385
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	6116385
Total Nickel (Ni)	mg/kg	2.5	6.7	2.1	<1.0	1.2	1.8	1.0	6116385
Total Zinc (Zn)	mg/kg	<10	<10	<10	<10	<10	<10	10	6116385

RDL = Reportable Detection Limit

Maxxam ID		EG5420	EG5421	EG5422		
Sampling Date		2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000		
	UNITS	C112-BD6	C112-BD7	C112-BD8	RDL	QC Batch

Elements						
Total Arsenic (As)	mg/kg	1.6	<1.0	4.6	1.0	6116385
Total Chromium (Cr)	mg/kg	2.4	2.5	2.0	1.0	6116385
Total Cobalt (Co)	mg/kg	3.5	<1.0	<1.0	1.0	6116385
Total Copper (Cu)	mg/kg	26	<5.0	<5.0	5.0	6116385
Total Lead (Pb)	mg/kg	3.4	1.4	13	1.0	6116385
Total Mercury (Hg)	mg/kg	<0.050	<0.050	<0.050	0.050	6116385
Total Nickel (Ni)	mg/kg	1.5	1.8	1.1	1.0	6116385
Total Zinc (Zn)	mg/kg	<10	<10	<10	10	6116385

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5287	EG5288	EG5289	EG5290	EG5291		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-1A	C112-1B	C112-2A	C112-2B	C112-3A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110965
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110965
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	97	101	90	95	118		6110965
4-BROMOFLUOROBENZENE (sur.)	%	93	85	83	65	81		6110965
D10-ETHYLBENZENE (sur.)	%	103	108	104	76	109		6110965
D4-1,2-DICHLOROETHANE (sur.)	%	93	92	88	178 (1)	111		6110965

RDL = Reportable Detection Limit

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Maxxam ID		EG5292	EG5293	EG5294	EG5296	EG5297		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-3B	C112-4A	C112-4B	C112-5A	C112-5B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110965
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110965
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	108	111	110	110	107		6110965
4-BROMOFLUOROBENZENE (sur.)	%	79	77	79	79	80		6110965
D10-ETHYLBENZENE (sur.)	%	98	97	104	103	102		6110965
D4-1,2-DICHLOROETHANE (sur.)	%	110	101	108	111	108		6110965

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5298	EG5302	EG5303	EG5304	EG5305		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-6A	C112-6B	C112-7A	C112-7B	C112-8A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110965
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110965
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	113	99	115	117	107		6110965
4-BROMOFLUOROBENZENE (sur.)	%	90	93	87	93	77		6110965
D10-ETHYLBENZENE (sur.)	%	102	82	104	106	106		6110965
D4-1,2-DICHLOROETHANE (sur.)	%	112	158 (1)	109	114	99		6110965

RDL = Reportable Detection Limit

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Maxxam ID		EG5306		EG5346		EG5347	EG5348		
Sampling Date		2012/08/16		2012/08/16		2012/08/16	2012/08/16		
COC Number		324000		324000		324000	324000		
	UNITS	C112-8B	QC Batch	C112-9A	QC Batch	C112-9B	C112-10A	RDL	QC Batch

Volatiles									
F1 (C6-C10) - BTEX	mg/kg	<12	6110965	<12	6116521	<12	<12	12	6110965
(C6-C10)	mg/kg	<12	6110965	<12	6116521	<12	<12	12	6110965
Surrogate Recovery (%)									
1,4-Difluorobenzene (sur.)	%	111	6110965	102	6116521	116	109		6110965
4-BROMOFLUOROBENZENE (sur.)	%	87	6110965	98	6116521	86	84		6110965
D10-ETHYLBENZENE (sur.)	%	104	6110965	96	6116521	108	102		6110965
D4-1,2-DICHLOROETHANE (sur.)	%	108	6110965	89	6116521	107	107		6110965

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5349		EG5350	EG5351	EG5352		
Sampling Date		2012/08/16		2012/08/16	2012/08/16	2012/08/16		
COC Number		324000		324000	324000	324000		
	UNITS	C112-10B	QC Batch	C112-11A	C112-11B	C112-12A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	6110965	<12	<12	<12	12	6110971
(C6-C10)	mg/kg	<12	6110965	<12	<12	<12	12	6110971
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	112	6110965	109	104	106		6110971
4-BROMOFLUOROBENZENE (sur.)	%	83	6110965	99	98	98		6110971
D10-ETHYLBENZENE (sur.)	%	106	6110965	101	105	104		6110971
D4-1,2-DICHLOROETHANE (sur.)	%	106	6110965	92	92	91		6110971
RDL = Reportable Detection Limit								

Maxxam ID		EG5353	EG5354	EG5355	EG5356	EG5357		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-12B	C112-13A	C112-13B	C112-14A	C112-14B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110971
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110971
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	107	104	107	103	104		6110971
4-BROMOFLUOROBENZENE (sur.)	%	98	98	98	97	98		6110971
D10-ETHYLBENZENE (sur.)	%	104	100	105	98	98		6110971
D4-1,2-DICHLOROETHANE (sur.)	%	91	92	91	92	93		6110971
RDL = Reportable Detection Limit								

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
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Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5358	EG5359	EG5360	EG5361	EG5362		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-15A	C112-15B	C112-16A	C112-16B	C112-17A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110971
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110971
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	108	104	106	104	105		6110971
4-BROMOFLUOROBENZENE (sur.)	%	100	99	99	97	99		6110971
D10-ETHYLBENZENE (sur.)	%	105	101	101	102	100		6110971
D4-1,2-DICHLOROETHANE (sur.)	%	95	94	94	92	93		6110971

RDL = Reportable Detection Limit

Maxxam ID		EG5363	EG5364	EG5365	EG5366	EG5367		
Sampling Date		2012/08/16	2012/08/16	2012/08/16	2012/08/16	2012/08/16		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-17B	C112-18A	C112-18B	C112-19A	C112-19B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110971
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110971
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	106	108	104	108	105		6110971
4-BROMOFLUOROBENZENE (sur.)	%	100	100	99	98	98		6110971
D10-ETHYLBENZENE (sur.)	%	102	100	100	99	102		6110971
D4-1,2-DICHLOROETHANE (sur.)	%	97	96	94	94	93		6110971

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5368	EG5369		EG5370	EG5371		
Sampling Date		2012/08/16	2012/08/16		2012/08/17	2012/08/17		
COC Number		324000	324000		324000	324000		
	UNITS	C112-20A	C112-20B	QC Batch	C112-21A	C112-21B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	6110971	<12	<12	12	6110986
(C6-C10)	mg/kg	<12	<12	6110971	<12	<12	12	6110986
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	112	109	6110971	97	107		6110986
4-BROMOFLUOROBENZENE (sur.)	%	98	97	6110971	104	100		6110986
D10-ETHYLBENZENE (sur.)	%	104	103	6110971	84	116		6110986
D4-1,2-DICHLOROETHANE (sur.)	%	94	95	6110971	136	94		6110986
RDL = Reportable Detection Limit								

Maxxam ID		EG5372	EG5373	EG5374	EG5375	EG5376		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-22A	C112-22B	C112-23A	C112-23B	C112-24A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110986
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110986
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	120	110	110	109	110		6110986
4-BROMOFLUOROBENZENE (sur.)	%	100	101	99	101	100		6110986
D10-ETHYLBENZENE (sur.)	%	119	117	118	117	116		6110986
D4-1,2-DICHLOROETHANE (sur.)	%	95	96	95	96	95		6110986
RDL = Reportable Detection Limit								

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5381	EG5382	EG5383	EG5384	EG5385		
Sampling Date		2012/08/17	2012/08/17	2012/08/17	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-24B	C112-25A	C112-25B	C112-26A	C112-26B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110986
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110986
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	108	108	108	111	110		6110986
4-BROMOFLUOROBENZENE (sur.)	%	99	100	101	99	99		6110986
D10-ETHYLBENZENE (sur.)	%	115	116	116	118	121		6110986
D4-1,2-DICHLOROETHANE (sur.)	%	97	100	97	95	94		6110986

RDL = Reportable Detection Limit

Maxxam ID		EG5386	EG5387	EG5388	EG5389	EG5390		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-27A	C112-27B	C112-28A	C112-28B	C112-29A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110986
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110986
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	112	103	105	108	95		6110986
4-BROMOFLUOROBENZENE (sur.)	%	100	101	100	99	104		6110986
D10-ETHYLBENZENE (sur.)	%	111	110	109	112	81		6110986
D4-1,2-DICHLOROETHANE (sur.)	%	98	100	98	97	123		6110986

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5401	EG5402	EG5403		EG5404		
Sampling Date		2012/08/15	2012/08/15	2012/08/15		2012/08/15		
COC Number		324000	324000	324000		324000		
	UNITS	C112-29B	C112-30A	C112-30B	QC Batch	C112-31A	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	6110986	<12	12	6110993
(C6-C10)	mg/kg	<12	<12	<12	6110986	<12	12	6110993
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	108	111	107	6110986	105		6110993
4-BROMOFLUOROBENZENE (sur.)	%	100	100	101	6110986	99		6110993
D10-ETHYLBENZENE (sur.)	%	110	111	113	6110986	104		6110993
D4-1,2-DICHLOROETHANE (sur.)	%	96	98	98	6110986	97		6110993
RDL = Reportable Detection Limit								

Maxxam ID		EG5405	EG5406	EG5407	EG5408	EG5409		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-31B	C112-32A	C112-32B	C112-33A	C112-33B	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110993
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110993
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	107	112	110	107	106		6110993
4-BROMOFLUOROBENZENE (sur.)	%	102	100	100	101	99		6110993
D10-ETHYLBENZENE (sur.)	%	113	111	113	109	107		6110993
D4-1,2-DICHLOROETHANE (sur.)	%	96	96	96	95	99		6110993
RDL = Reportable Detection Limit								

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5410	EG5411	EG5412	EG5413	EG5415		
Sampling Date		2012/08/15	2012/08/15	2012/08/15	2012/08/15	2012/08/15		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-34A	C112-34B	C112-35A	C112-35B	C112-BD1	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110993
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110993
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	107	110	110	107	108		6110993
4-BROMOFLUOROBENZENE (sur.)	%	99	100	99	100	99		6110993
D10-ETHYLBENZENE (sur.)	%	108	111	108	107	112		6110993
D4-1,2-DICHLOROETHANE (sur.)	%	98	97	95	97	96		6110993

RDL = Reportable Detection Limit

Maxxam ID		EG5416	EG5417	EG5418	EG5419	EG5420		
Sampling Date		2012/08/15	2012/08/16	2012/08/16	2012/08/17	2012/08/17		
COC Number		324000	324000	324000	324000	324000		
	UNITS	C112-BD2	C112-BD3	C112-BD4	C112-BD5	C112-BD6	RDL	QC Batch

Volatiles								
F1 (C6-C10) - BTEX	mg/kg	<12	<12	<12	<12	<12	12	6110993
(C6-C10)	mg/kg	<12	<12	<12	<12	<12	12	6110993
Surrogate Recovery (%)								
1,4-Difluorobenzene (sur.)	%	112	108	98	109	109		6110993
4-BROMOFLUOROBENZENE (sur.)	%	99	99	104	99	100		6110993
D10-ETHYLBENZENE (sur.)	%	112	113	86	118	112		6110993
D4-1,2-DICHLOROETHANE (sur.)	%	97	98	139	98	101		6110993

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

VOLATILE ORGANICS BY GC-MS (SOIL)

Maxxam ID		EG5421	EG5422		
Sampling Date		2012/08/17	2012/08/17		
COC Number		324000	324000		
	UNITS	C112-BD7	C112-BD8	RDL	QC Batch

Volatiles					
F1 (C6-C10) - BTEX	mg/kg	<12	<12	12	6110993
(C6-C10)	mg/kg	<12	<12	12	6110993
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	109	105		6110993
4-BROMOFLUOROBENZENE (sur.)	%	100	100		6110993
D10-ETHYLBENZENE (sur.)	%	115	108		6110993
D4-1,2-DICHLOROETHANE (sur.)	%	98	109		6110993

RDL = Reportable Detection Limit

Maxxam Job #: B274498
Report Date: 2012/08/28

EGE ENGINEERING LTD.
Client Project #: DLCU/LANDFILL MONITORING
Site Location: CAM-1 JENNY LIND ISLAND
Your P.O. #: 2012 KITIKMEOT
Sampler Initials: AP

General Comments

Sample EG5386-01: Sample extracted from a jar with headspace for BTEX/F1.

Sample EG5406-01: Sample extracted from jar with headspace for BTEX/F1.

Sample EG5412-01: Sample extracted from jar with headspace for BTEX/F1.

Sample EG5416-01: Sample extracted from jar with headspace for BTEX/F1.

Results relate only to the items tested.

EGE ENGINEERING LTD.
Attention: ANDREW PASSALIS
Client Project #: DLCU/LANDFILL MONITORING
P.O. #: 2012 KITIKMEOT
Site Location: CAM-1 JENNY LIND ISLAND

Quality Assurance Report
Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6108759 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD	Moisture	2012/08/23	0.5		%	20
6108865 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD [EG5365-01]	Moisture	2012/08/23	3.3		%	20
6108910 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD	Moisture	2012/08/23	2.7		%	20
6109110 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD	Moisture	2012/08/23	6.4		%	20
6109356 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD	Moisture	2012/08/23	10.5		%	20
6109529 AN0	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD [EG5346-01]	Moisture	2012/08/23	2.2		%	20
6110965 PS7	Matrix Spike [EG5293-01]	1,4-Difluorobenzene (sur.)	2012/08/25		90	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		90	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		81	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		146 (1)	%	60 - 140
		(C6-C10)	2012/08/25		109	%	60 - 140
	Spiked Blank	1,4-Difluorobenzene (sur.)	2012/08/25		106	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		91	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		99	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		116	%	60 - 140
		(C6-C10)	2012/08/25		114	%	60 - 140
	Method Blank	1,4-Difluorobenzene (sur.)	2012/08/25		107	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		88	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		102	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		108	%	60 - 140
		F1 (C6-C10) - BTEX	2012/08/25	<12		mg/kg	
		(C6-C10)	2012/08/25	<12		mg/kg	
	RPD [EG5293-01]	F1 (C6-C10) - BTEX	2012/08/25	NC		%	50
		(C6-C10)	2012/08/25	NC		%	50
6110971 KE4	Matrix Spike [EG5363-01]	1,4-Difluorobenzene (sur.)	2012/08/24		101	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/24		101	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/24		103	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/24		90	%	60 - 140
		(C6-C10)	2012/08/24		137	%	60 - 140
	Spiked Blank	1,4-Difluorobenzene (sur.)	2012/08/24		102	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/24		101	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/24		104	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/24		92	%	60 - 140
		(C6-C10)	2012/08/24		121	%	60 - 140
	Method Blank	1,4-Difluorobenzene (sur.)	2012/08/24		102	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/24		99	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/24		103	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/24		91	%	60 - 140
		F1 (C6-C10) - BTEX	2012/08/24	<12		mg/kg	
		(C6-C10)	2012/08/24	<12		mg/kg	
	RPD [EG5363-01]	F1 (C6-C10) - BTEX	2012/08/24	NC		%	50
		(C6-C10)	2012/08/24	NC		%	50
6110986 KE4	Matrix Spike [EG5370-01]	1,4-Difluorobenzene (sur.)	2012/08/25		107	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		102	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		114	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		98	%	60 - 140

EGE ENGINEERING LTD.
Attention: ANDREW PASSALIS
Client Project #: DLCU/LANDFILL MONITORING
P.O. #: 2012 KITIKMEOT
Site Location: CAM-1 JENNY LIND ISLAND

Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6110986 KE4	Matrix Spike [EG5370-01] Spiked Blank	(C6-C10)	2012/08/25		105	%	60 - 140
		1,4-Difluorobenzene (sur.)	2012/08/25		104	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		98	%	60 - 140
	Method Blank	D10-ETHYLBENZENE (sur.)	2012/08/25		116	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		96	%	60 - 140
		(C6-C10)	2012/08/25		97	%	60 - 140
		1,4-Difluorobenzene (sur.)	2012/08/25		104	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		98	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		115	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		102	%	60 - 140
		F1 (C6-C10) - BTEX	2012/08/25	<12		mg/kg	
		(C6-C10)	2012/08/25	<12		mg/kg	
	RPD [EG5370-01]	F1 (C6-C10) - BTEX	2012/08/25	NC		%	50
		(C6-C10)	2012/08/25	NC		%	50
6110993 RPA	Matrix Spike [EG5413-01]	1,4-Difluorobenzene (sur.)	2012/08/26		95	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/26		94	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/26		103	%	60 - 130
	Spiked Blank	D4-1,2-DICHLOROETHANE (sur.)	2012/08/26		94	%	60 - 140
		(C6-C10)	2012/08/26		88	%	60 - 140
		1,4-Difluorobenzene (sur.)	2012/08/25		104	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		101	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		118	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		98	%	60 - 140
	Method Blank	(C6-C10)	2012/08/25		91	%	60 - 140
		1,4-Difluorobenzene (sur.)	2012/08/25		104	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/25		101	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/25		123	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/25		103	%	60 - 140
		F1 (C6-C10) - BTEX	2012/08/25	<12		mg/kg	
		(C6-C10)	2012/08/25	<12		mg/kg	
	RPD [EG5413-01]	F1 (C6-C10) - BTEX	2012/08/25	NC		%	50
		(C6-C10)	2012/08/25	NC		%	50
6111702 JA7	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD [EG5376-01]	Moisture	2012/08/23	18.9		%	20
6111716 JA7	Method Blank	Moisture	2012/08/23	<0.30		%	
	RPD [EG5404-01]	Moisture	2012/08/23	0		%	20
6113541 DO1	Matrix Spike [EG5293-01]	O-TERPHENYL (sur.)	2012/08/24		89	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/24		85	%	50 - 130
		F3 (C16-C34 Hydrocarbons)	2012/08/24		89	%	50 - 130
	Spiked Blank	O-TERPHENYL (sur.)	2012/08/24		90	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/24		86	%	70 - 130
		F3 (C16-C34 Hydrocarbons)	2012/08/24		89	%	70 - 130
	Method Blank	O-TERPHENYL (sur.)	2012/08/24		96	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/24	<10		mg/kg	
		F3 (C16-C34 Hydrocarbons)	2012/08/24	<10		mg/kg	
	RPD [EG5293-01]	F2 (C10-C16 Hydrocarbons)	2012/08/24	NC		%	50
		F3 (C16-C34 Hydrocarbons)	2012/08/24	NC		%	50
6113620 DO1	Matrix Spike [EG5352-01]	O-TERPHENYL (sur.)	2012/08/24		88	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/24		88	%	50 - 130
		F3 (C16-C34 Hydrocarbons)	2012/08/24		93	%	50 - 130
	Spiked Blank	O-TERPHENYL (sur.)	2012/08/24		88	%	50 - 130

EGE ENGINEERING LTD.
Attention: ANDREW PASSALIS
Client Project #: DLCU/LANDFILL MONITORING
P.O. #: 2012 KITIKMEOT
Site Location: CAM-1 JENNY LIND ISLAND

Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits	
6113620 DO1	Spiked Blank	F2 (C10-C16 Hydrocarbons)	2012/08/24		83	%	70 - 130	
		F3 (C16-C34 Hydrocarbons)	2012/08/24		89	%	70 - 130	
		O-TERPHENYL (sur.)	2012/08/24		96	%	50 - 130	
	Method Blank	F2 (C10-C16 Hydrocarbons)	2012/08/24	<10		mg/kg		
		F3 (C16-C34 Hydrocarbons)	2012/08/24	<10		mg/kg		
		RPD [EG5352-01]	F2 (C10-C16 Hydrocarbons)	2012/08/24	NC		%	50
			F3 (C16-C34 Hydrocarbons)	2012/08/24	NC		%	50
6114283 LQ	Matrix Spike [EG5371-01]	O-TERPHENYL (sur.)	2012/08/26		92	%	50 - 130	
		F2 (C10-C16 Hydrocarbons)	2012/08/26		92	%	50 - 130	
		F3 (C16-C34 Hydrocarbons)	2012/08/26		95	%	50 - 130	
	Spiked Blank	O-TERPHENYL (sur.)	2012/08/26		91	%	50 - 130	
		F2 (C10-C16 Hydrocarbons)	2012/08/26		87	%	70 - 130	
		F3 (C16-C34 Hydrocarbons)	2012/08/26		95	%	70 - 130	
	Method Blank	O-TERPHENYL (sur.)	2012/08/26		102	%	50 - 130	
		F2 (C10-C16 Hydrocarbons)	2012/08/26	<10		mg/kg		
		F3 (C16-C34 Hydrocarbons)	2012/08/26	<10		mg/kg		
	RPD [EG5371-01]	F2 (C10-C16 Hydrocarbons)	2012/08/26	NC		%	50	
		F3 (C16-C34 Hydrocarbons)	2012/08/26	NC		%	50	
		6115504 DO1	Matrix Spike [EG5405-01]	O-TERPHENYL (sur.)	2012/08/27		93	%
	F2 (C10-C16 Hydrocarbons)			2012/08/27		92	%	50 - 130
	F3 (C16-C34 Hydrocarbons)			2012/08/27		98	%	50 - 130
	Spiked Blank		O-TERPHENYL (sur.)	2012/08/27		85	%	50 - 130
F2 (C10-C16 Hydrocarbons)			2012/08/27		86	%	70 - 130	
F3 (C16-C34 Hydrocarbons)			2012/08/27		91	%	70 - 130	
Method Blank	O-TERPHENYL (sur.)		2012/08/26		97	%	50 - 130	
	F2 (C10-C16 Hydrocarbons)		2012/08/26	<10		mg/kg		
	F3 (C16-C34 Hydrocarbons)		2012/08/26	<10		mg/kg		
RPD [EG5405-01]	F2 (C10-C16 Hydrocarbons)		2012/08/27	NC		%	50	
	F3 (C16-C34 Hydrocarbons)		2012/08/27	NC		%	50	
6115753 JC7	Matrix Spike [EG5293-01]	NONACHLOROBIPHENYL (sur.)	2012/08/25		95	%	30 - 130	
		Aroclor 1260	2012/08/25		65	%	30 - 130	
	Spiked Blank	NONACHLOROBIPHENYL (sur.)	2012/08/25		113	%	30 - 130	
		Aroclor 1260	2012/08/25		92	%	30 - 130	
	Method Blank	NONACHLOROBIPHENYL (sur.)	2012/08/25		105	%	30 - 130	
		Aroclor 1016	2012/08/25	<0.010		mg/kg		
		Aroclor 1221	2012/08/25	<0.010		mg/kg		
		Aroclor 1232	2012/08/25	<0.010		mg/kg		
		Aroclor 1242	2012/08/25	<0.010		mg/kg		
		Aroclor 1248	2012/08/25	<0.010		mg/kg		
		Aroclor 1254	2012/08/25	<0.010		mg/kg		
		Aroclor 1260	2012/08/25	<0.010		mg/kg		
		Aroclor 1262	2012/08/25	<0.010		mg/kg		
		Aroclor 1268	2012/08/25	<0.010		mg/kg		
		Total Aroclors	2012/08/25	<0.010		mg/kg		
	RPD [EG5293-01]	Aroclor 1016	2012/08/25	NC		%	50	
		Aroclor 1221	2012/08/25	NC		%	50	
		Aroclor 1232	2012/08/25	NC		%	50	
		Aroclor 1242	2012/08/25	NC		%	50	
		Aroclor 1248	2012/08/25	NC		%	50	
		Aroclor 1254	2012/08/25	NC		%	50	
		Aroclor 1260	2012/08/25	NC		%	50	
		Aroclor 1262	2012/08/25	NC		%	50	

EGE ENGINEERING LTD.
Attention: ANDREW PASSALIS
Client Project #: DLCU/LANDFILL MONITORING
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Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6115753 JC7	RPD [EG5293-01]	Aroclor 1268	2012/08/25	NC		%	50
		Total Aroclors	2012/08/25	NC		%	50
6115793 DO1	Matrix Spike	O-TERPHENYL (sur.)	2012/08/25		81	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/25		88	%	50 - 130
		F3 (C16-C34 Hydrocarbons)	2012/08/25		88	%	50 - 130
	Spiked Blank	O-TERPHENYL (sur.)	2012/08/25		87	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/25		87	%	70 - 130
		F3 (C16-C34 Hydrocarbons)	2012/08/25		90	%	70 - 130
	Method Blank	O-TERPHENYL (sur.)	2012/08/25		97	%	50 - 130
		F2 (C10-C16 Hydrocarbons)	2012/08/25	<10		mg/kg	
		F3 (C16-C34 Hydrocarbons)	2012/08/25	<10		mg/kg	
	RPD	F2 (C10-C16 Hydrocarbons)	2012/08/25	NC		%	50
		F3 (C16-C34 Hydrocarbons)	2012/08/25	NC		%	50
6115816 JC7	Matrix Spike [EG5352-01]	NONACHLOROBIPHENYL (sur.)	2012/08/28		107	%	30 - 130
		Aroclor 1260	2012/08/28		68	%	30 - 130
	Spiked Blank	NONACHLOROBIPHENYL (sur.)	2012/08/28		114	%	30 - 130
		Aroclor 1260	2012/08/28		77	%	30 - 130
	Method Blank	NONACHLOROBIPHENYL (sur.)	2012/08/28		116	%	30 - 130
		Aroclor 1016	2012/08/28	<0.010		mg/kg	
		Aroclor 1221	2012/08/28	<0.010		mg/kg	
		Aroclor 1232	2012/08/28	<0.010		mg/kg	
		Aroclor 1242	2012/08/28	<0.010		mg/kg	
		Aroclor 1248	2012/08/28	<0.010		mg/kg	
		Aroclor 1254	2012/08/28	<0.010		mg/kg	
		Aroclor 1260	2012/08/28	<0.010		mg/kg	
		Aroclor 1262	2012/08/28	<0.010		mg/kg	
		Aroclor 1268	2012/08/28	<0.010		mg/kg	
		Total Aroclors	2012/08/28	<0.010		mg/kg	
	RPD [EG5352-01]	Aroclor 1016	2012/08/28	NC		%	50
		Aroclor 1221	2012/08/28	NC		%	50
		Aroclor 1232	2012/08/28	NC		%	50
		Aroclor 1242	2012/08/28	NC		%	50
		Aroclor 1248	2012/08/28	NC		%	50
		Aroclor 1254	2012/08/28	NC		%	50
		Aroclor 1260	2012/08/28	NC		%	50
		Aroclor 1262	2012/08/28	NC		%	50
		Aroclor 1268	2012/08/28	NC		%	50
		Total Aroclors	2012/08/28	NC		%	50
6116118 JC7	Matrix Spike [EG5375-01]	NONACHLOROBIPHENYL (sur.)	2012/08/28		107	%	30 - 130
		Aroclor 1260	2012/08/28		99	%	30 - 130
	Spiked Blank	NONACHLOROBIPHENYL (sur.)	2012/08/27		107	%	30 - 130
		Aroclor 1260	2012/08/27		86	%	30 - 130
	Method Blank	NONACHLOROBIPHENYL (sur.)	2012/08/27		103	%	30 - 130
		Aroclor 1016	2012/08/27	<0.010		mg/kg	
		Aroclor 1221	2012/08/27	<0.010		mg/kg	
		Aroclor 1232	2012/08/27	<0.010		mg/kg	
		Aroclor 1242	2012/08/27	<0.010		mg/kg	
		Aroclor 1248	2012/08/27	<0.010		mg/kg	
		Aroclor 1254	2012/08/27	<0.010		mg/kg	
		Aroclor 1260	2012/08/27	<0.010		mg/kg	
		Aroclor 1262	2012/08/27	<0.010		mg/kg	
		Aroclor 1268	2012/08/27	<0.010		mg/kg	
		Total Aroclors	2012/08/27	<0.010		mg/kg	

EGE ENGINEERING LTD.
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Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6116118 JC7	RPD [EG5375-01]	Aroclor 1016	2012/08/28	NC		%	50
		Aroclor 1221	2012/08/28	NC		%	50
		Aroclor 1232	2012/08/28	NC		%	50
		Aroclor 1242	2012/08/28	NC		%	50
		Aroclor 1248	2012/08/28	NC		%	50
		Aroclor 1254	2012/08/28	NC		%	50
		Aroclor 1260	2012/08/28	NC		%	50
		Aroclor 1262	2012/08/28	NC		%	50
		Aroclor 1268	2012/08/28	NC		%	50
		Total Aroclors	2012/08/28	NC		%	50
6116206 JC7	Matrix Spike [EG5405-01]	NONACHLOROBIPHENYL (sur.)	2012/08/27		115	%	30 - 130
		Aroclor 1260	2012/08/27		82	%	30 - 130
		Spiked Blank	2012/08/27		109	%	30 - 130
	Method Blank	NONACHLOROBIPHENYL (sur.)	2012/08/27		82	%	30 - 130
		NONACHLOROBIPHENYL (sur.)	2012/08/27		105	%	30 - 130
		NONACHLOROBIPHENYL (sur.)	2012/08/27		105	%	30 - 130
	RPD [EG5405-01]	Aroclor 1016	2012/08/27	<0.010		mg/kg	
		Aroclor 1221	2012/08/27	<0.010		mg/kg	
		Aroclor 1232	2012/08/27	<0.010		mg/kg	
		Aroclor 1242	2012/08/27	<0.010		mg/kg	
		Aroclor 1248	2012/08/27	<0.010		mg/kg	
		Aroclor 1254	2012/08/27	<0.010		mg/kg	
		Aroclor 1260	2012/08/27	<0.010		mg/kg	
		Aroclor 1262	2012/08/27	<0.010		mg/kg	
		Aroclor 1268	2012/08/27	<0.010		mg/kg	
		Total Aroclors	2012/08/27	<0.010		mg/kg	
		Aroclor 1016	2012/08/27	NC		%	50
		Aroclor 1221	2012/08/27	NC		%	50
		Aroclor 1232	2012/08/27	NC		%	50
		Aroclor 1242	2012/08/27	NC		%	50
		Aroclor 1248	2012/08/27	NC		%	50
		Aroclor 1254	2012/08/27	NC		%	50
		Aroclor 1260	2012/08/27	NC		%	50
		Aroclor 1262	2012/08/27	NC		%	50
		Aroclor 1268	2012/08/27	NC		%	50
		Total Aroclors	2012/08/27	NC		%	50
6116207 JC7	Matrix Spike	NONACHLOROBIPHENYL (sur.)	2012/08/28		124	%	30 - 130
		Aroclor 1260	2012/08/28		93	%	30 - 130
		Spiked Blank	2012/08/28		118	%	30 - 130
	Method Blank	NONACHLOROBIPHENYL (sur.)	2012/08/28		95	%	30 - 130
		NONACHLOROBIPHENYL (sur.)	2012/08/28		110	%	30 - 130
		NONACHLOROBIPHENYL (sur.)	2012/08/28		110	%	30 - 130
	RPD	Aroclor 1016	2012/08/28	<0.010		mg/kg	
		Aroclor 1221	2012/08/28	<0.010		mg/kg	
		Aroclor 1232	2012/08/28	<0.010		mg/kg	
		Aroclor 1242	2012/08/28	<0.010		mg/kg	
		Aroclor 1248	2012/08/28	<0.010		mg/kg	
		Aroclor 1254	2012/08/28	<0.010		mg/kg	
		Aroclor 1260	2012/08/28	<0.010		mg/kg	
		Aroclor 1262	2012/08/28	<0.010		mg/kg	
		Aroclor 1268	2012/08/28	<0.010		mg/kg	
		Total Aroclors	2012/08/28	<0.010		mg/kg	
		Aroclor 1016	2012/08/28	NC		%	50
		Aroclor 1221	2012/08/28	NC		%	50
		Aroclor 1232	2012/08/28	NC		%	50
		Aroclor 1242	2012/08/28	NC		%	50

EGE ENGINEERING LTD.
 Attention: ANDREW PASSALIS
 Client Project #: DLCU/LANDFILL MONITORING
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Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6116207 JC7	RPD	Aroclor 1248	2012/08/28	NC		%	50
		Aroclor 1254	2012/08/28	NC		%	50
		Aroclor 1260	2012/08/28	NC		%	50
		Aroclor 1262	2012/08/28	NC		%	50
		Aroclor 1268	2012/08/28	NC		%	50
		Total Aroclors	2012/08/28	NC		%	50
6116337 PW3	Matrix Spike [EG5370-01]	Total Arsenic (As)	2012/08/26		93	%	75 - 125
		Total Chromium (Cr)	2012/08/26		96	%	75 - 125
		Total Cobalt (Co)	2012/08/26		91	%	75 - 125
		Total Copper (Cu)	2012/08/26		91	%	75 - 125
		Total Lead (Pb)	2012/08/26		84	%	75 - 125
		Total Mercury (Hg)	2012/08/26		90	%	75 - 125
		Total Nickel (Ni)	2012/08/26		94	%	75 - 125
		Total Zinc (Zn)	2012/08/26		86	%	75 - 125
	QC Standard	Total Arsenic (As)	2012/08/26		109	%	50 - 150
		Total Chromium (Cr)	2012/08/26		104	%	41 - 159
		Total Cobalt (Co)	2012/08/26		92	%	75 - 125
		Total Copper (Cu)	2012/08/26		95	%	72 - 127
		Total Lead (Pb)	2012/08/26		97	%	54 - 146
		Total Nickel (Ni)	2012/08/26		103	%	61 - 139
		Total Zinc (Zn)	2012/08/26		104	%	72 - 128
	Spiked Blank	Total Arsenic (As)	2012/08/26		95	%	75 - 125
		Total Chromium (Cr)	2012/08/26		91	%	75 - 125
		Total Cobalt (Co)	2012/08/26		86	%	75 - 125
		Total Copper (Cu)	2012/08/26		91	%	75 - 125
		Total Lead (Pb)	2012/08/26		92	%	75 - 125
		Total Mercury (Hg)	2012/08/26		88	%	75 - 125
		Total Nickel (Ni)	2012/08/26		91	%	75 - 125
		Total Zinc (Zn)	2012/08/26		96	%	75 - 125
	Method Blank	Total Arsenic (As)	2012/08/26	<1.0		mg/kg	
		Total Chromium (Cr)	2012/08/26	<1.0		mg/kg	
		Total Cobalt (Co)	2012/08/26	<1.0		mg/kg	
		Total Copper (Cu)	2012/08/26	<5.0		mg/kg	
		Total Lead (Pb)	2012/08/26	<1.0		mg/kg	
		Total Mercury (Hg)	2012/08/26	<0.050		mg/kg	
		Total Nickel (Ni)	2012/08/26	<1.0		mg/kg	
		Total Zinc (Zn)	2012/08/26	<10		mg/kg	
	RPD [EG5370-01]	Total Arsenic (As)	2012/08/26	5.0		%	35
		Total Chromium (Cr)	2012/08/26	NC		%	35
		Total Cobalt (Co)	2012/08/26	NC		%	35
		Total Copper (Cu)	2012/08/26	NC		%	35
		Total Lead (Pb)	2012/08/26	0.6		%	35
		Total Mercury (Hg)	2012/08/26	NC		%	35
		Total Nickel (Ni)	2012/08/26	NC		%	35
		Total Zinc (Zn)	2012/08/26	NC		%	35
6116385 PW3	Matrix Spike [EG5404-01]	Total Arsenic (As)	2012/08/26		92	%	75 - 125
		Total Chromium (Cr)	2012/08/26		92	%	75 - 125
		Total Cobalt (Co)	2012/08/26		88	%	75 - 125
		Total Copper (Cu)	2012/08/26		86	%	75 - 125
		Total Lead (Pb)	2012/08/26		88	%	75 - 125
		Total Mercury (Hg)	2012/08/26		89	%	75 - 125
		Total Nickel (Ni)	2012/08/26		88	%	75 - 125
		Total Zinc (Zn)	2012/08/26		89	%	75 - 125

EGE ENGINEERING LTD.
 Attention: ANDREW PASSALIS
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Quality Assurance Report (Continued)

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QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6116385 PW3	QC Standard	Total Arsenic (As)	2012/08/26		107	%	50 - 150
		Total Chromium (Cr)	2012/08/26		98	%	41 - 159
		Total Cobalt (Co)	2012/08/26		92	%	75 - 125
		Total Copper (Cu)	2012/08/26		91	%	72 - 127
		Total Lead (Pb)	2012/08/26		97	%	54 - 146
		Total Nickel (Ni)	2012/08/26		99	%	61 - 139
	Spiked Blank	Total Zinc (Zn)	2012/08/26		100	%	72 - 128
		Total Arsenic (As)	2012/08/26		94	%	75 - 125
		Total Chromium (Cr)	2012/08/26		90	%	75 - 125
		Total Cobalt (Co)	2012/08/26		92	%	75 - 125
		Total Copper (Cu)	2012/08/26		92	%	75 - 125
		Total Lead (Pb)	2012/08/26		94	%	75 - 125
	Method Blank	Total Mercury (Hg)	2012/08/26		97	%	75 - 125
		Total Nickel (Ni)	2012/08/26		92	%	75 - 125
		Total Zinc (Zn)	2012/08/26		91	%	75 - 125
		Total Arsenic (As)	2012/08/26	<1.0		mg/kg	
		Total Chromium (Cr)	2012/08/26	<1.0		mg/kg	
		Total Cobalt (Co)	2012/08/26	<1.0		mg/kg	
	RPD [EG5404-01]	Total Copper (Cu)	2012/08/26	<5.0		mg/kg	
		Total Lead (Pb)	2012/08/26	<1.0		mg/kg	
		Total Mercury (Hg)	2012/08/26	<0.050		mg/kg	
		Total Nickel (Ni)	2012/08/26	<1.0		mg/kg	
		Total Zinc (Zn)	2012/08/26	<10		mg/kg	
		Total Arsenic (As)	2012/08/26	NC		%	35
		Total Chromium (Cr)	2012/08/26	NC		%	35
		Total Cobalt (Co)	2012/08/26	NC		%	35
		Total Copper (Cu)	2012/08/26	NC		%	35
		Total Lead (Pb)	2012/08/26	NC		%	35
		Total Mercury (Hg)	2012/08/26	NC		%	35
		Total Nickel (Ni)	2012/08/26	NC		%	35
		Total Zinc (Zn)	2012/08/26	NC		%	35
6116386 PW3	Matrix Spike [EG5287-01]	Total Arsenic (As)	2012/08/26		97	%	75 - 125
		Total Chromium (Cr)	2012/08/26		93	%	75 - 125
		Total Cobalt (Co)	2012/08/26		89	%	75 - 125
		Total Copper (Cu)	2012/08/26		94	%	75 - 125
		Total Lead (Pb)	2012/08/26		88	%	75 - 125
		Total Mercury (Hg)	2012/08/26		93	%	75 - 125
	QC Standard	Total Nickel (Ni)	2012/08/26		94	%	75 - 125
		Total Zinc (Zn)	2012/08/26		93	%	75 - 125
		Total Arsenic (As)	2012/08/26		112	%	50 - 150
		Total Chromium (Cr)	2012/08/26		102	%	41 - 159
		Total Cobalt (Co)	2012/08/26		94	%	75 - 125
		Total Copper (Cu)	2012/08/26		97	%	72 - 127
	Spiked Blank	Total Lead (Pb)	2012/08/26		93	%	54 - 146
		Total Nickel (Ni)	2012/08/26		102	%	61 - 139
		Total Zinc (Zn)	2012/08/26		101	%	72 - 128
		Total Arsenic (As)	2012/08/26		100	%	75 - 125
		Total Chromium (Cr)	2012/08/26		95	%	75 - 125
		Total Cobalt (Co)	2012/08/26		92	%	75 - 125
		Total Copper (Cu)	2012/08/26		98	%	75 - 125
		Total Lead (Pb)	2012/08/26		95	%	75 - 125
		Total Mercury (Hg)	2012/08/26		99	%	75 - 125
		Total Nickel (Ni)	2012/08/26		98	%	75 - 125
		Total Zinc (Zn)	2012/08/26		100	%	75 - 125

EGE ENGINEERING LTD.
 Attention: ANDREW PASSALIS
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Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6116386 PW3	Method Blank	Total Arsenic (As)	2012/08/26	<1.0		mg/kg	
		Total Chromium (Cr)	2012/08/26	<1.0		mg/kg	
		Total Cobalt (Co)	2012/08/26	<1.0		mg/kg	
		Total Copper (Cu)	2012/08/26	<5.0		mg/kg	
		Total Lead (Pb)	2012/08/26	<1.0		mg/kg	
		Total Mercury (Hg)	2012/08/26	<0.050		mg/kg	
		Total Nickel (Ni)	2012/08/26	<1.0		mg/kg	
		Total Zinc (Zn)	2012/08/26	<10		mg/kg	
	RPD [EG5287-01]	Total Arsenic (As)	2012/08/26	NC		%	35
		Total Chromium (Cr)	2012/08/26	NC		%	35
		Total Cobalt (Co)	2012/08/26	NC		%	35
		Total Copper (Cu)	2012/08/26	NC		%	35
		Total Lead (Pb)	2012/08/26	NC		%	35
		Total Mercury (Hg)	2012/08/26	NC		%	35
		Total Nickel (Ni)	2012/08/26	NC		%	35
		Total Zinc (Zn)	2012/08/26	NC		%	35
6116387 PW3	Matrix Spike [EG5350-01]	Total Arsenic (As)	2012/08/26		93	%	75 - 125
		Total Chromium (Cr)	2012/08/26		90	%	75 - 125
		Total Cobalt (Co)	2012/08/26		85	%	75 - 125
		Total Copper (Cu)	2012/08/26		88	%	75 - 125
		Total Lead (Pb)	2012/08/26		88	%	75 - 125
		Total Mercury (Hg)	2012/08/26		92	%	75 - 125
		Total Nickel (Ni)	2012/08/26		89	%	75 - 125
		Total Zinc (Zn)	2012/08/26		98	%	75 - 125
	QC Standard	Total Arsenic (As)	2012/08/26		110	%	50 - 150
		Total Chromium (Cr)	2012/08/26		103	%	41 - 159
		Total Cobalt (Co)	2012/08/26		92	%	75 - 125
		Total Copper (Cu)	2012/08/26		96	%	72 - 127
		Total Lead (Pb)	2012/08/26		99	%	54 - 146
		Total Nickel (Ni)	2012/08/26		102	%	61 - 139
		Total Zinc (Zn)	2012/08/26		108	%	72 - 128
	Spiked Blank	Total Arsenic (As)	2012/08/26		97	%	75 - 125
		Total Chromium (Cr)	2012/08/26		93	%	75 - 125
		Total Cobalt (Co)	2012/08/26		89	%	75 - 125
		Total Copper (Cu)	2012/08/26		94	%	75 - 125
		Total Lead (Pb)	2012/08/26		95	%	75 - 125
		Total Mercury (Hg)	2012/08/26		99	%	75 - 125
		Total Nickel (Ni)	2012/08/26		94	%	75 - 125
		Total Zinc (Zn)	2012/08/26		100	%	75 - 125
	Method Blank	Total Arsenic (As)	2012/08/26	<1.0		mg/kg	
		Total Chromium (Cr)	2012/08/26	<1.0		mg/kg	
		Total Cobalt (Co)	2012/08/26	<1.0		mg/kg	
		Total Copper (Cu)	2012/08/26	<5.0		mg/kg	
		Total Lead (Pb)	2012/08/26	<1.0		mg/kg	
		Total Mercury (Hg)	2012/08/26	<0.050		mg/kg	
		Total Nickel (Ni)	2012/08/26	<1.0		mg/kg	
		Total Zinc (Zn)	2012/08/26	<10		mg/kg	
	RPD [EG5350-01]	Total Arsenic (As)	2012/08/26	NC		%	35
		Total Chromium (Cr)	2012/08/26	NC		%	35
		Total Cobalt (Co)	2012/08/26	NC		%	35
		Total Copper (Cu)	2012/08/26	NC		%	35
		Total Lead (Pb)	2012/08/26	NC		%	35
		Total Mercury (Hg)	2012/08/26	NC		%	35
		Total Nickel (Ni)	2012/08/26	NC		%	35

EGE ENGINEERING LTD.
Attention: ANDREW PASSALIS
Client Project #: DLCU/LANDFILL MONITORING
P.O. #: 2012 KITIKMEOT
Site Location: CAM-1 JENNY LIND ISLAND

Quality Assurance Report (Continued)

Maxxam Job Number: CB274498

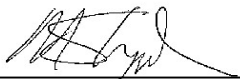
QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
6116387 PW3	RPD [EG5350-01]	Total Zinc (Zn)	2012/08/26	NC		%	35
6116521 RSA	Matrix Spike	1,4-Difluorobenzene (sur.)	2012/08/27		106	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/27		103	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/27		100	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/27		92	%	60 - 140
		(C6-C10)	2012/08/27		98	%	60 - 140
	Spiked Blank	1,4-Difluorobenzene (sur.)	2012/08/27		106	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/27		103	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/27		107	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/27		98	%	60 - 140
		(C6-C10)	2012/08/27		108	%	60 - 140
	Method Blank	1,4-Difluorobenzene (sur.)	2012/08/27		102	%	60 - 140
		4-BROMOFLUOROBENZENE (sur.)	2012/08/27		98	%	60 - 140
		D10-ETHYLBENZENE (sur.)	2012/08/27		111	%	60 - 130
		D4-1,2-DICHLOROETHANE (sur.)	2012/08/27		90	%	60 - 140
		F1 (C6-C10) - BTEX	2012/08/27	<12		mg/kg	
		(C6-C10)	2012/08/27	<12		mg/kg	
	RPD	F1 (C6-C10) - BTEX	2012/08/27	NC		%	50
		(C6-C10)	2012/08/27	NC		%	50

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.
Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.
QC Standard: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.
Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.
Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.
NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Validation Signature Page

Maxxam Job #: B274498

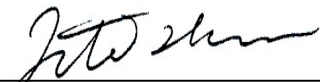
The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Michael Sheppard, Organics Supervisor



Daniel Reslan, Volatiles Supervisor



Lili Zhou, Senior analyst, Inorganic department.



Luba Shymushovska, Senior Analyst, Organic Department

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.