

December 13, 2012

Mike Isom
Kelly Tractor Co.
8255 NW 58 Street
Miami, FL 33166

RE: Workorder: M1203330 Aerosol Cans

Dear Mike Isom:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, December 05, 2012. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tiffany Mackie
TMackie@AELLab.com

Enclosures

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SAMPLE SUMMARY

Workorder: M1203330 Aerosol Cans

Lab ID	Sample ID	Matrix	Date Collected	Date Received
M1203330001	Absorbent Pad was wet with aer	Soil	12/3/2012 11:00	12/5/2012 11:30

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ANALYTICAL RESULTS

Workorder: M1203330 Aerosol Cans

Lab ID: **M1203330001**

Date Received: 12/05/12 11:30 Matrix: Soil

Sample ID: **Absorbent Pad was wet with aer**

Date Collected: 12/03/12 11:00

Results for sample M1203330001 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS, TCLP								
Analysis Desc: SW846 6010B			Preparation Method: SW-846 3010A					
Analysis, TCLP			Analytical Method: SW-846 6010					
Arsenic	0.015	mg/L	U	1	0.10	0.015	12/12/2012 14:01	M
Barium	0.0070	mg/L	I,V	1	0.020	0.0024	12/12/2012 14:01	M
Cadmium	0.060	mg/L		1	0.0060	0.0015	12/12/2012 14:01	M
Chromium	0.0028	mg/L	U	1	0.050	0.0028	12/12/2012 14:01	M
Lead	0.22	mg/L		1	0.070	0.011	12/12/2012 14:01	M
Selenium	0.027	mg/L	U	1	0.20	0.027	12/12/2012 14:01	M
Silver	0.0054	mg/L	U	1	0.040	0.0054	12/12/2012 14:01	M
Analysis Desc: SW846 7470A			Preparation Method: SW-846 7470A					
Analysis, TCLP			Analytical Method: SW-846 7470A					
Mercury	0.000072	mg/L	U	1	0.00050	0.000072	12/13/2012 14:01	J
VOLATILES, TCLP								
Analysis Desc: 8260C Analysis, TCLP			Preparation Method: SW-846 5030B					
			Analytical Method: SW-846 8260B					
1,1,1,2-Tetrachloroethane	340	ug/L	U	500	500	340	12/12/2012 19:40	M
1,1,1-Trichloroethane	280	ug/L	U	500	500	280	12/12/2012 19:40	M
1,1,2,2-Tetrachloroethane	210	ug/L	U	500	500	210	12/12/2012 19:40	M
1,1,2-Trichloroethane	300	ug/L	U	500	500	300	12/12/2012 19:40	M
1,1-Dichloroethane	180	ug/L	U	500	500	180	12/12/2012 19:40	M
1,1-Dichloroethylene	240	ug/L	U	500	500	240	12/12/2012 19:40	M
1,1-Dichloropropene	240	ug/L	U	500	500	240	12/12/2012 19:40	M
1,2,3-Trichlorobenzene	1800	ug/L	U	500	2500	1800	12/12/2012 19:40	M
1,2,3-Trichloropropane	300	ug/L	U	500	500	300	12/12/2012 19:40	M
1,2,4-Trichlorobenzene	280	ug/L	U	500	500	280	12/12/2012 19:40	M
1,2,4-Trimethylbenzene	240	ug/L	U	500	500	240	12/12/2012 19:40	M
1,2-Dibromo-3-Chloropropane	1800	ug/L	U	500	2500	1800	12/12/2012 19:40	M
1,2-Dichlorobenzene	440	ug/L	U	500	500	440	12/12/2012 19:40	M
1,2-Dichloroethane	240	ug/L	U	500	500	240	12/12/2012 19:40	M
1,2-Dichloropropane	280	ug/L	U	500	500	280	12/12/2012 19:40	M
1,3,5-Trimethylbenzene	210	ug/L	U	500	500	210	12/12/2012 19:40	M
1,3-Dichlorobenzene	300	ug/L	U	500	500	300	12/12/2012 19:40	M
1,3-Dichloropropane	240	ug/L	U	500	500	240	12/12/2012 19:40	M
1,4-Dichlorobenzene	240	ug/L	U	500	500	240	12/12/2012 19:40	M
2,2-Dichloropropane	200	ug/L	U	500	500	200	12/12/2012 19:40	M

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ANALYTICAL RESULTS

Workorder: M1203330 Aerosol Cans

Lab ID: **M1203330001**

Date Received: 12/05/12 11:30 Matrix: Soil

Sample ID: **Absorbent Pad was wet with aer**

Date Collected: 12/03/12 11:00

Results for sample M1203330001 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
2-Butanone (MEK)	2000	ug/L	U	500	2500	2000	12/12/2012 19:40	M
2-Chloroethyl Vinyl Ether	770	ug/L	U	500	2500	770	12/12/2012 19:40	M
2-Chlorotoluene	280	ug/L	U	500	500	280	12/12/2012 19:40	M
2-Hexanone	2200	ug/L	U	500	2500	2200	12/12/2012 19:40	M
4-Chlorotoluene	180	ug/L	U	500	500	180	12/12/2012 19:40	M
4-Methyl-2-pentanone (MIBK)	940	ug/L	U	500	2500	940	12/12/2012 19:40	M
Acetone	3500	ug/L	U	500	12000	3500	12/12/2012 19:40	M
Acrolein (Propenal)	5500	ug/L	U	500	12000	5500	12/12/2012 19:40	M
Acrylonitrile	1300	ug/L	U	500	2500	1300	12/12/2012 19:40	M
Benzene	180	ug/L	U	500	500	180	12/12/2012 19:40	M
Bromobenzene	270	ug/L	U	500	500	270	12/12/2012 19:40	M
Bromochloromethane	240	ug/L	U	500	500	240	12/12/2012 19:40	M
Bromodichloromethane	210	ug/L	U	500	500	210	12/12/2012 19:40	M
Bromoform	500	ug/L	U	500	500	500	12/12/2012 19:40	M
Bromomethane	320	ug/L	U	500	500	320	12/12/2012 19:40	M
Carbon Disulfide	570	ug/L	U	500	2500	570	12/12/2012 19:40	M
Carbon Tetrachloride	220	ug/L	U	500	500	220	12/12/2012 19:40	M
Chlorobenzene	340	ug/L	U	500	500	340	12/12/2012 19:40	M
Chloroethane	320	ug/L	U	500	500	320	12/12/2012 19:40	M
Chloroform	260	ug/L	U	500	500	260	12/12/2012 19:40	M
Chloromethane	210	ug/L	U	500	500	210	12/12/2012 19:40	M
Dibromochloromethane	230	ug/L	U	500	500	230	12/12/2012 19:40	M
Dibromomethane	200	ug/L	U	500	500	200	12/12/2012 19:40	M
Dichlorodifluoromethane	200	ug/L	U	500	500	200	12/12/2012 19:40	M
Ethylbenzene	320	ug/L	I	500	500	190	12/12/2012 19:40	M
Ethylene Dibromide (EDB)	300	ug/L	U	500	500	300	12/12/2012 19:40	M
Hexachlorobutadiene	2400	ug/L	U	500	2500	2400	12/12/2012 19:40	M
Iodomethane (Methyl Iodide)	580	ug/L	U	500	2500	580	12/12/2012 19:40	M
Isopropylbenzene	180	ug/L	U	500	500	180	12/12/2012 19:40	M
Methyl tert-butyl Ether (MTBE)	120	ug/L	U	500	500	120	12/12/2012 19:40	M
Methylene Chloride	240	ug/L	U	500	2500	240	12/12/2012 19:40	M
Naphthalene	200	ug/L	U	500	500	200	12/12/2012 19:40	M
Styrene	220	ug/L	U	500	500	220	12/12/2012 19:40	M
Tetrachloroethylene (PCE)	3100	ug/L		500	500	240	12/12/2012 19:40	M
Toluene	560	ug/L		500	500	240	12/12/2012 19:40	M
Trichloroethene	370	ug/L	U	500	500	370	12/12/2012 19:40	M
Trichlorofluoromethane	200	ug/L	U	500	500	200	12/12/2012 19:40	M
Vinyl Acetate	1400	ug/L	U	500	2500	1400	12/12/2012 19:40	M
Vinyl Chloride	220	ug/L	U	500	500	220	12/12/2012 19:40	M
Xylene (Total)	2500	ug/L		500	1000	530	12/12/2012 19:40	M

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ANALYTICAL RESULTS

Workorder: M1203330 Aerosol Cans

Lab ID: **M1203330001**

Date Received: 12/05/12 11:30 Matrix: Soil

Sample ID: **Absorbent Pad was wet with aer**

Date Collected: 12/03/12 11:00

Results for sample M1203330001 are reported on a wet weight basis.

Sample Description:

Location:

Parameters	Results	Units	Qual	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
cis-1,2-Dichloroethylene	240	ug/L	U	500	500	240	12/12/2012 19:40	M
cis-1,3-Dichloropropene	180	ug/L	U	500	500	180	12/12/2012 19:40	M
n-Butylbenzene	280	ug/L	U	500	500	280	12/12/2012 19:40	M
n-propylbenzene	200	ug/L	U	500	500	200	12/12/2012 19:40	M
sec-butylbenzene	280	ug/L	U	500	500	280	12/12/2012 19:40	M
tert-butylbenzene	200	ug/L	U	500	500	200	12/12/2012 19:40	M
trans-1,2-Dichloroethylene	300	ug/L	U	500	500	300	12/12/2012 19:40	M
trans-1,3-Dichloropropylene	160	ug/L	U	500	500	160	12/12/2012 19:40	M
1,2-Dichloroethane-d4 (S)	104	%		500	80-120		12/12/2012 19:40	
Toluene-d8 (S)	101	%		500	81-117		12/12/2012 19:40	
Bromofluorobenzene (S)	107	%		500	74-121		12/12/2012 19:40	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: M1203330 Aerosol Cans

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- V Method Blank Contamination

LAB QUALIFIERS

- J DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)
- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: M1203330 Aerosol Cans

QC Batch:	MSVm/1753	Analysis Method:	SW-846 8260B
QC Batch Method:	SW-846 5030B	Prepared:	12/12/2012 00:00
Associated Lab Samples:	M1203330001		

METHOD BLANK: 1116947

Parameter	Units	Blank Result	Reporting	
			Limit	Qualifiers
Dichlorodifluoromethane	ug/L	0.40	0.40	U
Chloromethane	ug/L	0.42	0.42	U
Vinyl Chloride	ug/L	0.45	0.45	U
Bromomethane	ug/L	0.64	0.64	U
Chloroethane	ug/L	0.64	0.64	U
Trichlorofluoromethane	ug/L	0.40	0.40	U
Acrolein (Propenal)	ug/L	11	11	U
Acetone	ug/L	7.0	7.0	U
1,1-Dichloroethylene	ug/L	0.47	0.47	U
Iodomethane (Methyl Iodide)	ug/L	1.2	1.2	U
Acrylonitrile	ug/L	2.6	2.6	U
Methylene Chloride	ug/L	0.48	0.48	U
Carbon Disulfide	ug/L	1.1	1.1	U
trans-1,2-Dichloroethylene	ug/L	0.59	0.59	U
Methyl tert-butyl Ether (MTBE)	ug/L	0.24	0.24	U
1,1-Dichloroethane	ug/L	0.37	0.37	U
Vinyl Acetate	ug/L	2.8	2.8	U
2-Butanone (MEK)	ug/L	4.0	4.0	U
cis-1,2-Dichloroethylene	ug/L	0.48	0.48	U
Bromochloromethane	ug/L	0.49	0.49	U
Chloroform	ug/L	0.51	0.51	U
2,2-Dichloropropane	ug/L	0.39	0.39	U
1,2-Dichloroethane	ug/L	0.49	0.49	U
1,1,1-Trichloroethane	ug/L	0.55	0.55	U
1,1-Dichloropropene	ug/L	0.49	0.49	U
Carbon Tetrachloride	ug/L	0.43	0.43	U
Benzene	ug/L	0.36	0.36	U
Dibromomethane	ug/L	0.40	0.40	U
1,2-Dichloropropane	ug/L	0.57	0.57	U
Trichloroethene	ug/L	0.74	0.74	U
Bromodichloromethane	ug/L	0.42	0.42	U
2-Chloroethyl Vinyl Ether	ug/L	1.5	1.5	U
cis-1,3-Dichloropropene	ug/L	0.35	0.35	U
4-Methyl-2-pentanone (MIBK)	ug/L	1.9	1.9	U
trans-1,3-Dichloropropylene	ug/L	0.32	0.32	U
1,1,2-Trichloroethane	ug/L	0.61	0.61	U
Toluene	ug/L	0.49	0.49	U
1,3-Dichloropropane	ug/L	0.49	0.49	U
2-Hexanone	ug/L	4.3	4.3	U

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QUALITY CONTROL DATA

Workorder: M1203330 Aerosol Cans

METHOD BLANK: 1116947

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromochloromethane	ug/L	0.46	0.46	U
Ethylene Dibromide (EDB)	ug/L	0.59	0.59	U
Tetrachloroethylene (PCE)	ug/L	0.48	0.48	U
1,1,1,2-Tetrachloroethane	ug/L	0.67	0.67	U
Chlorobenzene	ug/L	0.69	0.69	U
Ethylbenzene	ug/L	0.38	0.38	U
Bromoform	ug/L	1.0	1.0	U
Styrene	ug/L	0.45	0.45	U
1,1,2,2-Tetrachloroethane	ug/L	0.42	0.42	U
1,2,3-Trichloropropane	ug/L	0.59	0.59	U
Isopropylbenzene	ug/L	0.37	0.37	U
Bromobenzene	ug/L	0.54	0.54	U
n-propylbenzene	ug/L	0.40	0.40	U
2-Chlorotoluene	ug/L	0.57	0.57	U
4-Chlorotoluene	ug/L	0.35	0.35	U
1,3,5-Trimethylbenzene	ug/L	0.42	0.42	U
tert-butylbenzene	ug/L	0.39	0.39	U
1,2,4-Trimethylbenzene	ug/L	0.47	0.47	U
sec-butylbenzene	ug/L	0.55	0.55	U
1,3-Dichlorobenzene	ug/L	0.59	0.59	U
1,4-Dichlorobenzene	ug/L	0.48	0.48	U
1,2-Dichlorobenzene	ug/L	0.87	0.87	U
n-Butylbenzene	ug/L	0.55	0.55	U
1,2-Dibromo-3-Chloropropane	ug/L	3.6	3.6	U
1,2,4-Trichlorobenzene	ug/L	0.57	0.57	U
Naphthalene	ug/L	0.40	0.40	U
Hexachlorobutadiene	ug/L	4.9	4.9	U
1,2,3-Trichlorobenzene	ug/L	3.7	3.7	U
Xylene (Total)	ug/L	1.1	1.1	U
1,2-Dichloroethane-d4 (S)	%	98	70-130	
Toluene-d8 (S)	%	100	70-130	
Bromofluorobenzene (S)	%	108	70-130	

QC Batch: DGMj/2478

Analysis Method: SW-846 7470A

QC Batch Method: SW-846 7470A

Prepared: 12/13/2012 07:15

Associated Lab Samples: M1203330001

METHOD BLANK: 1116977

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/L	0.000072	0.000072	U

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QUALITY CONTROL DATA

Workorder: M1203330 Aerosol Cans

QC Batch:	DGMm/1333	Analysis Method:	SW-846 6010
QC Batch Method:	SW-846 3010A	Prepared:	12/12/2012 00:00
Associated Lab Samples:	M1203330001		

METHOD BLANK: 1117243

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Silver	mg/L	0.00054	0.00054 U
Arsenic	mg/L	0.0015	0.0015 U
Barium	mg/L	0.00040	0.00024 I
Cadmium	mg/L	0.00015	0.00015 U
Chromium	mg/L	0.00028	0.00028 U
Lead	mg/L	0.0011	0.0011 U
Selenium	mg/L	0.0027	0.0027 U

QUALITY CONTROL DATA QUALIFIERS

Workorder: M1203330 Aerosol Cans

QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- V Method Blank Contamination

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: M1203330 Aerosol Cans

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
M1203330001	Absorbent Pad was wet with aer	SW-846 5030B	MSVm/1753	SW-846 8260B	MSVm/1754
M1203330001	Absorbent Pad was wet with aer	SW-846 7470A	DGMj/2478	SW-846 7470A	CVAj/1268
M1203330001	Absorbent Pad was wet with aer	SW-846 3010A	DGMm/1333	SW-846 6010	ICPm/1327

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☐ Jacksonville: 6601 Southpoint Pkwy. • Jacksonville, FL 322
☒ Miramar: 10200 USA Today Way, Miramar, FL 33025 • 954.8
☐ Tallahassee: 1288 Cedar Center Drive, Tallahassee, FL 323
☐ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.636.

M12033330

Client Name: Kelly Tractor Co.

Project Name: Aerosol Cans

Address: 8255 NW 58 St

P.O. Number/Project Number:

Phone: 305-592-5360

Project Location:

FAX:

REMARKS/SPECIAL INSTRUCTIONS:

Contact: MIKE ISON

Test Absorbent PAD

Sampled By: MARCOS VARELA

Turn Around Time: ☐ STANDARD ☐ RUSH

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ANALYSIS REQUIRED

TCIP
RCRA
TCIP
VOL

SAMPLE ID

SAMPLE DESCRIPTION

Grab
Comp

SAMPLING
DATE TIME

MATRIX

NO.
COUNT

PRESER-
VATION

LABORATORY I.D. NUMBER

ABSORBENT PAD WITH AEROSOL BLAKE CLEVER

12-3-12 11:00 AM Solid

1 1

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = Ice H=(HCl) S=(H2SO4) N=(HNO3) T=(Sodium Thiosulfate)

Received on Ice ☐ Yes ☒ No Temp taken from sample ☐ Temp from blank

Form revised 01/19/2012

Device used for measuring Temp by unique identifier (for temp gun used)

Temperature when received (in degrees celsius)

Relinquished by: Date Time Received by: Date Time

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied) PWS ID:

Contact Person: Phone:

Supplier of Water:

Site Address: