GW-228

Inspection Photos

Date:
10/11/12

GARRY BRYANT
Mechanical
Project Manager
Estimator

NM Lic. #33501

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NEW MEXICO
ENVIRONMENT DEPARTMENT

Solid Waste Bureau

BILL RICHARDSON
Governor
DIANE DENISH
Lieutenant Governor

Harold Runnels Building – Room 2050
1190 St Francis Dr.
PO Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0197 Fax (505) 827-2902
www.nmenv.state.nm.us

RON CURRY
Secretary
JON GOLDSTEIN
Deputy Secretary

NEW MEXICO ENVIRONMENT DEPARTMENT SOLID WASTE BUREAU ENTRY NOTIFICATION

Facility Name: **CIP., INC. (Registered Agent, Carl Padilla) SCC Number 15367**

Facility Address: **505 Road 350, Farmington, New Mexico**

This is to notify you that under Section 74-9-33 of the New Mexico Solid Waste Act, as an authorized representative of the New Mexico Environment Department (NMED), I am allowed to enter this facility and/or vehicle at any reasonable time in order to make an inspection or investigation of solid waste management practices.

This is also to notify you that in accordance with the New Mexico Solid Waste Rules, 20.9.2.12 NMAC, as an authorized representative of the NMED, I am authorized to investigate, inspect, enforce, monitor or sample at this facility and/or vehicle.

I have presented you with credentials indicating that I am duly authorized to enforce and administer all laws, rules and regulations within the jurisdiction of the NMED.

NMED Authorized Representative — Date: 10/11/12

Facility Representative — Date

Environmental Notification Tracking System

View Notification

Back to list

Notification Id	9697
Notification Type	Dumping (solid waste, drums or containers, illegal)
Notification Date	10/11/2012 1:30:47 PM
Notification Priority	High
EJ Issue	☐
Status	Assign Staff
Assigned Bureau	Hazardous Waste Bureau
Assigned Staff	
Status Date	10/11/2012 3:23:45 PM
Description	Fire Marshal called to report a business had a fire involving a storage tank. Fire was smoldering employees had taken the tank apart and was burying the oil and contents on site. Fire Marshal requested we contact owner.
Location	#550 County Road 350, Crouch Mesa, Farmington, NM
Nearest City	Farmington
County	San Juan
District	V
Field Office	Farmington
Suspected Violator	Carl Padilla
Violator Address1	#550 CR 350
Violator Address2	
Violator City	Farmington
Violator State	New Mexico
Violator Zip	87401
Violator Phone	
Reporter Name	Chris Cardian
Reporter Address1	
Reporter Address2	
Reporter City	San Juan County Fire Marshal
Reporter State	New Mexico
Reporter Zip	87401
Reporter Phone	
Reporter Email	
Created By	benny.kling
Date Created	10/11/2012 3:06:42 PM

Kling, Benny, NMENV

From: Akeley, Chuck, NMENV
Sent: Friday, October 12, 2012 3:34 PM
To: Kling, Benny, NMENV
Cc: Monaghan, Teri, NMENV
Subject: RE: CIP Corp ENTS 9697

Benny: This is one of the best and most appropriate uses of "High Priority" in ENTS that I've seen. Lots of folks misuse that and make 50% of the cases high priority…that is…until they actually read their EEF and see what that requires! ☺ CHUCK SENDS…

George W. Akeley Jr. (Chuck)
Manager, Enforcement Section
Solid Waste Bureau
New Mexico Environment Department
1190 Saint Francis Drive
P.O. Box 5469
Santa Fe, New Mexico 87502-5469
Telephone: (505) 827-2924
Facsimile: (505) 827-2902
Email: chuck.akeley@state.nm.us

From: Kling, Benny, NMENV
Sent: Friday, October 12, 2012 3:18 PM
To: Pullen, Steve, NMENV; Faris, Bart, NMENV
Cc: Akeley, Chuck, NMENV
Subject: CIP Corp ENTS 9697

Folks:

As a result of yesterdays site visit, this morning Envirotech was contracted by CIP Corp. to conduct a Phase I environmental assessment of the entire CIP facility. They will begin on Monday October 15, 2012. Phase II will follow, which will include removal of all old oil, tanks and PCS. Any asbestos will be removed from old dehydrators by Envirotech staff, and manifested to KEERS landfill in Mountainair. The split samples of the PCS I took yesterday was given to Envirotech this morning by Mr. Frank McDonald, a chemical engineer hired this morning by CIP Corporation. Envirotech is preparing a remediation plan and will submit it to NMED and OCD. Soil analysis results will be submitted with the Phase I. All scrap metal will be manifested to a recycling facility and scale tickets made available for review by anyone who cares. The owner of CIP has apologized to the two deputies and the Fire Chief for the standoff.

Benny D. Kling
Enforcement Officer EA-V
Solid Waste Bureau
New Mexico Environment Department
3400 Messina Drive Suite 5000
Farmington, NM 87402
Telephone: (505) 566-9749
Cell: (505) 795-4307

Kling, Benny, NMENV

From: Faris, Bart, NMENV
Sent: Monday, October 15, 2012 8:35 AM
To: Kling, Benny, NMENV
Cc: Ball, Justin, NMENV
Subject: FW: CIP Corp ENTS 9697

Hey Benny,

Justin and I are heading up to Farmington tomorrow and Weds to sample the new MW at Precision and split samples at the old dry cleaners on 20th street. Do you think it's worth our checking out CIP? Of course you're always welcome to catch up with us while we're out there. Thanks. Bart

---

From: Pullen, Steve, NMENV
Sent: Friday, October 12, 2012 4:31 PM
To: Meyer, Don, NMENV; Coffman, Mark, NMENV; Kling, Benny, NMENV
Cc: Martin, Sandra, NMENV; Faris, Bart, NMENV; Horowitz, Ruth, NMENV
Subject: FW: CIP Corp ENTS 9697

Don/Mark - Please inform me of the results of your inspection at this site. Will we be requiring the results of the investigation/assessment referenced in Benny's message below?

Benny – Thanks for the info. Will you be following up on the asbestos cleanup?

Bart – do you have a chicken in this fight?

Thanks,

Steve Pullen
Manager
Compliance and Technical Assistance Program
New Mexico Environment Department
Hazardous Waste Bureau
(505) 476-6044
steve.pullen@state.nm.us

From: Kling, Benny, NMENV
Sent: Friday, October 12, 2012 3:18 PM
To: Pullen, Steve, NMENV; Faris, Bart, NMENV
Cc: Akeley, Chuck, NMENV
Subject: CIP Corp ENTS 9697

Folks:

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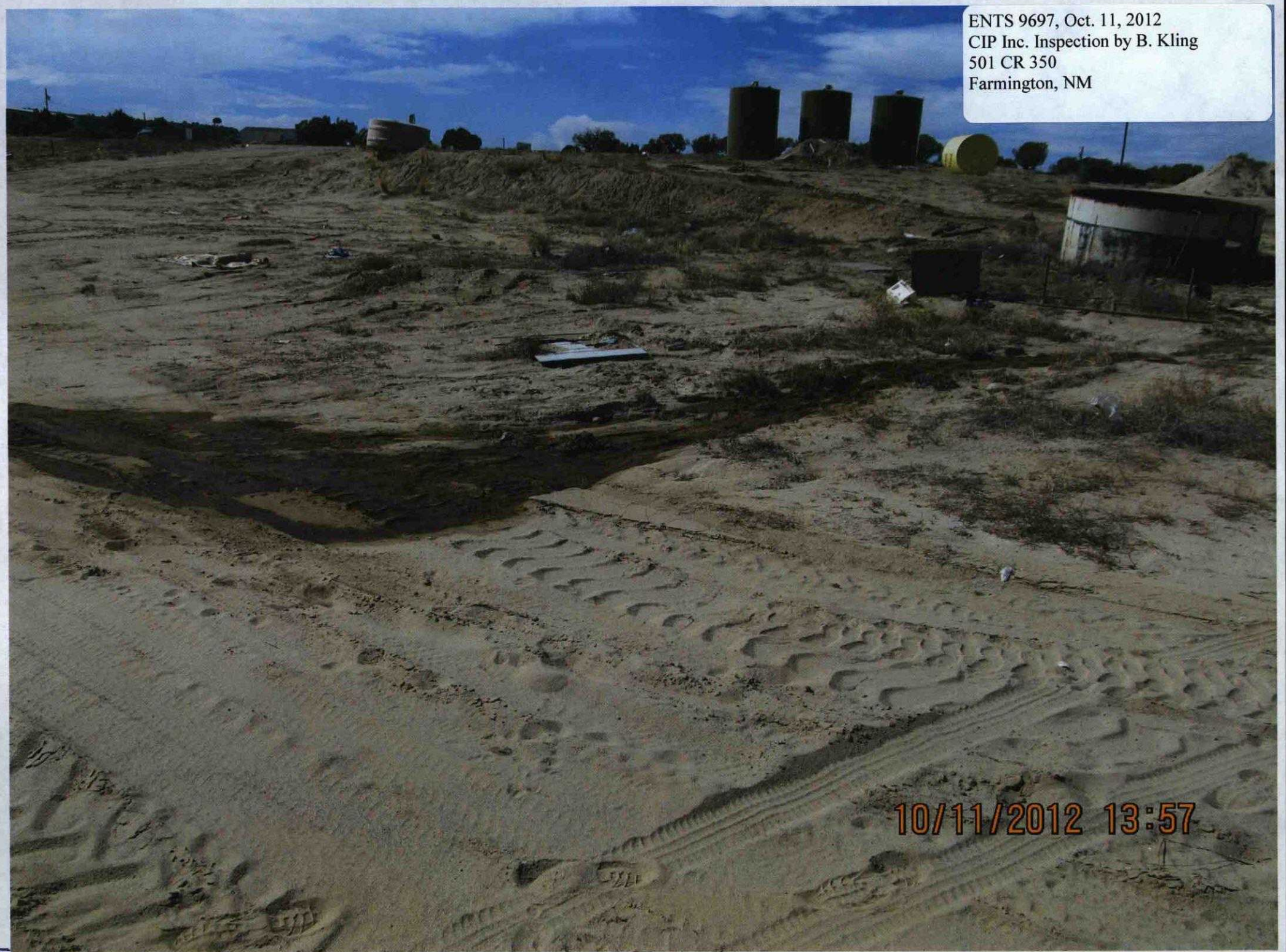
FAX: (505) 566-9757


ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 13:59


ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 13:59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ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 13:58


ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 14:01


ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 13:59


ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 14:00


ENTS 9697, Oct. 11, 2012
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501 CR 350
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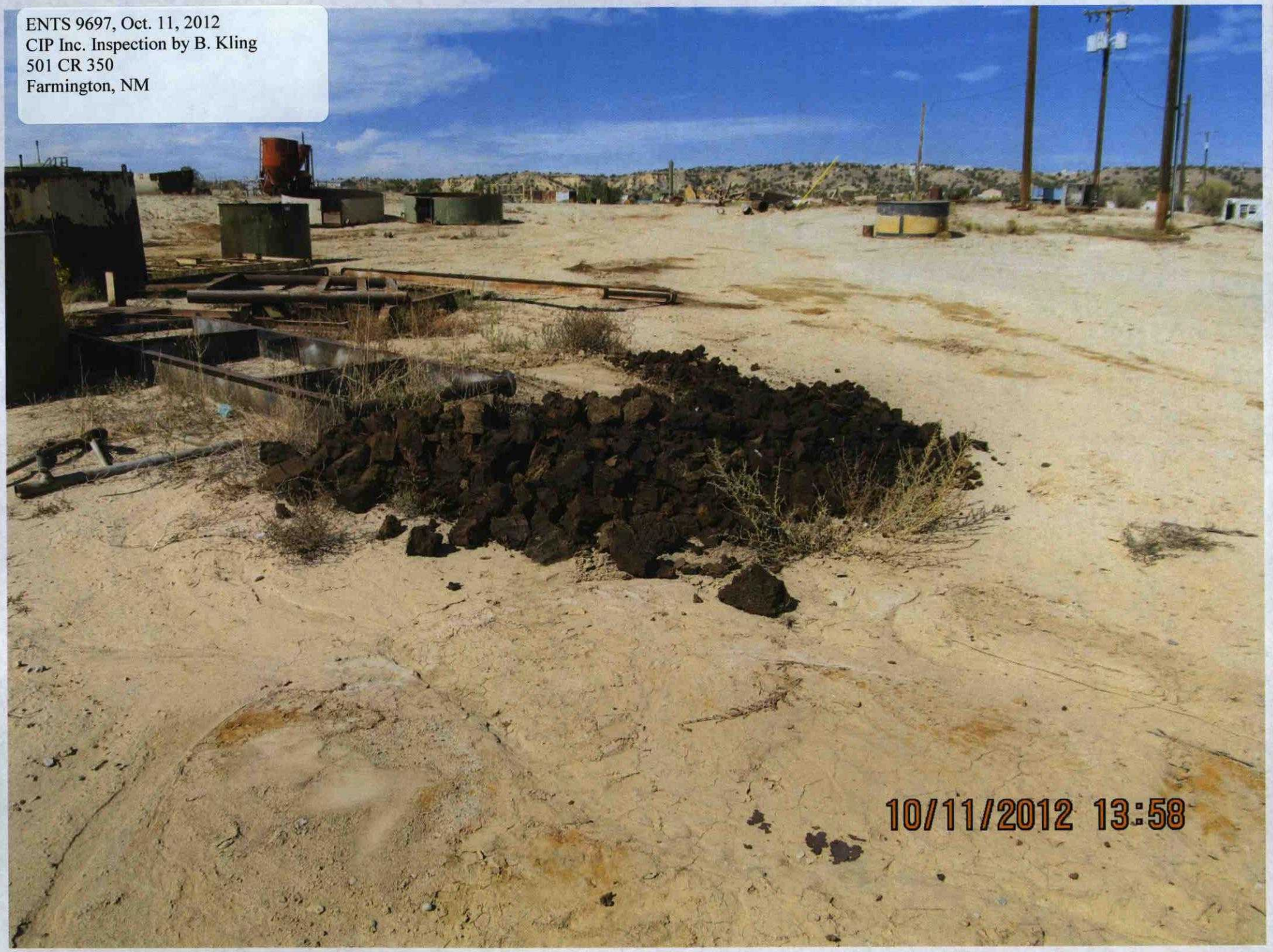
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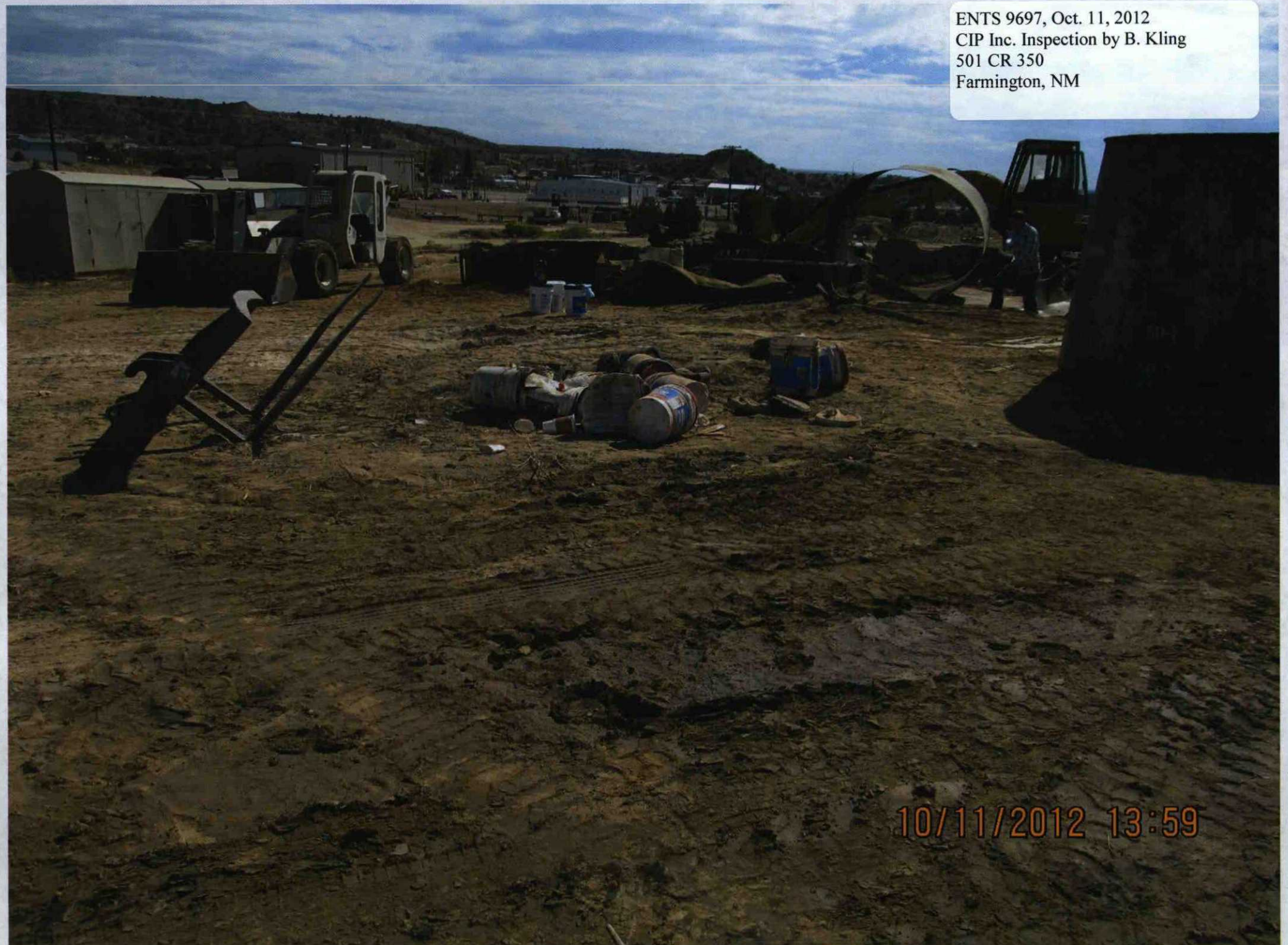
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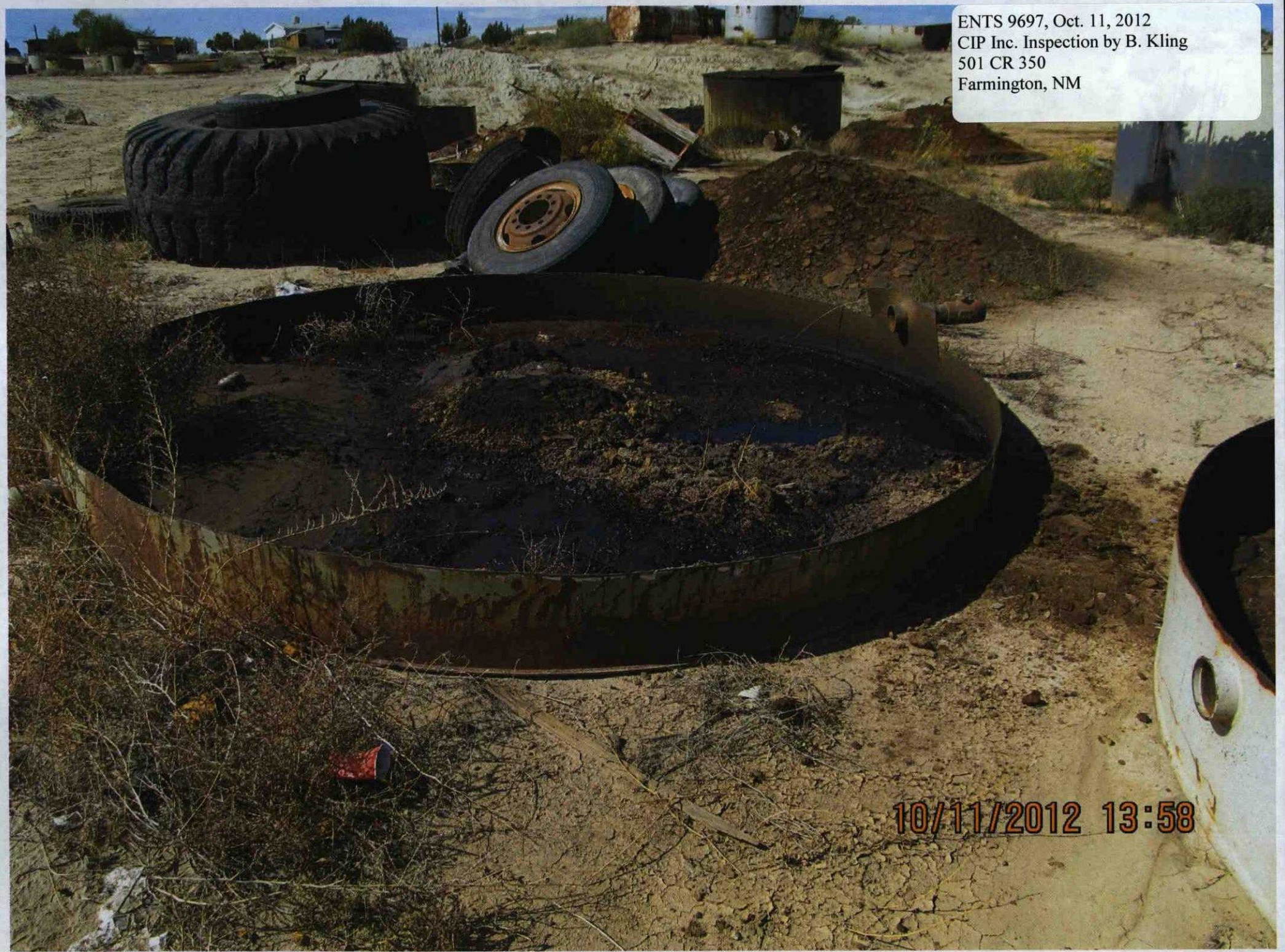
ENTS 9697, Oct. 11, 2012
CIP Inc. Inspection by B. Kling
501 CR 350
Farmington, NM
10/11/2012 13:58

envirotech FAX COVER SHEET

TO: CARL Padilla TITLE:

COMPANY: CIP Inc.

FAX: 505-632-9120 PHONE:

RE: Soil Sample Results

DATE: November 2, 2012

PAGES: 24. (INCLUDING COVER PAGE)

PROJECT: Site clean up

CC:

COMMENTS:

FROM THE DESK OF: Toni McKnight

Envirotech, Inc.
5796 US Highway 64, Farmington, NM 87401
Phone: (505) 632-0615 / Fax: (505) 632-1865

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Toni Mckinght
EnviroTech- NM
5796 US. Highway 64
Farmington, NM 87401

Report Summary

Tuesday October 23, 2012

Report Number: L601053
Samples Received: 10/16/12
Client Project: 92245-0013

Description: CIP

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Daphne R Richards
Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Toni Mckinght
EnviroTech- NM
5796 US. Highway 64
Farmington, NM 87401

October 23,2012

Date Received : October 16, 2012
Description : CIP

ESC Sample # : L601053-01

Site ID :

Sample ID : CIP 2

Project # : 92245-0013

Collected By : Benny Kling
Collection Date : 10/11/12 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.6	0.100	%	2540G	10/18/12	1
Mercury	1.8	0.10	mg/kg	7471	10/18/12	5
Arsenic	79.	1.0	mg/kg	6010B	10/18/12	1
Barium	40.	0.26	mg/kg	6010B	10/18/12	1
Cadmium	BDL	0.26	mg/kg	6010B	10/18/12	1
Chromium	5.8	0.52	mg/kg	6010B	10/18/12	1
Lead	17.	0.26	mg/kg	6010B	10/18/12	1
Selenium	1.4	1.0	mg/kg	6010B	10/18/12	1
Silver	BDL	0.52	mg/kg	6010B	10/18/12	1
Volatile Organics						
Acetone	BDL	2.6	mg/kg	8260B	10/17/12	50
Acrylonitrile	BDL	0.52	mg/kg	8260B	10/17/12	50
Benzene	0.062	0.052	mg/kg	8260B	10/17/12	50
Bromobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
Bromodichloromethane	BDL	0.052	mg/kg	8260B	10/17/12	50
Bromoform	BDL	0.052	mg/kg	8260B	10/17/12	50
Bromomethane	BDL	0.26	mg/kg	8260B	10/17/12	50
n-Butylbenzene	0.063	0.052	mg/kg	8260B	10/17/12	50
sec-Butylbenzene	0.067	0.052	mg/kg	8260B	10/17/12	50
tert-Butylbenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
Carbon tetrachloride	BDL	0.052	mg/kg	8260B	10/17/12	50
Chlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
Chlorodibromomethane	BDL	0.052	mg/kg	8260B	10/17/12	50
Chloroethane	BDL	0.26	mg/kg	8260B	10/17/12	50
2-Chloroethyl vinyl ether	BDL	2.6	mg/kg	8260B	10/17/12	50
Chloroform	BDL	0.26	mg/kg	8260B	10/17/12	50
Chloromethane	BDL	0.13	mg/kg	8260B	10/17/12	50
2-Chlorotoluene	BDL	0.052	mg/kg	8260B	10/17/12	50
4-Chlorotoluene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,2-Dibromo-3-Chloropropane	BDL	0.26	mg/kg	8260B	10/17/12	50
1,2-Dibromoethane	BDL	0.052	mg/kg	8260B	10/17/12	50
Dibromomethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,2-Dichlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,3-Dichlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,4-Dichlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
Dichlorodifluoromethane	BDL	0.26	mg/kg	8260B	10/17/12	50
1,1-Dichloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,2-Dichloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1-Dichloroethene	BDL	0.052	mg/kg	8260B	10/17/12	50
cis-1,2-Dichloroethene	BDL	0.052	mg/kg	8260B	10/17/12	50
trans-1,2-Dichloroethene	BDL	0.052	mg/kg	8260B	10/17/12	50

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted

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REPORT OF ANALYSIS

Toni Mckinght
EnviroTech- NM
5796 US. Highway 64
Farmington, NM 87401

October 23,2012

ESC Sample # : L601053-01

Site ID :

Project # : 92245-0013

Date Received : October 16, 2012
Description : CIP

Sample ID : CIP 2

Collected By : Benny Kling
Collection Date : 10/11/12 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1-Dichloropropene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,3-Dichloropropane	BDL	0.052	mg/kg	8260B	10/17/12	50
cis-1,3-Dichloropropene	BDL	0.052	mg/kg	8260B	10/17/12	50
trans-1,3-Dichloropropene	BDL	0.052	mg/kg	8260B	10/17/12	50
2,2-Dichloropropane	BDL	0.052	mg/kg	8260B	10/17/12	50
Di-isopropyl ether	BDL	0.052	mg/kg	8260B	10/17/12	50
Ethylbenzene	0.14	0.052	mg/kg	8260B	10/17/12	50
Hexachloro-1,3-butadiene	BDL	0.052	mg/kg	8260B	10/17/12	50
Isopropylbenzene	0.071	0.052	mg/kg	8260B	10/17/12	50
p-Isopropyltoluene	0.097	0.052	mg/kg	8260B	10/17/12	50
2-Butanone (MEK)	BDL	0.52	mg/kg	8260B	10/17/12	50
Methylene Chloride	BDL	0.26	mg/kg	8260B	10/17/12	50
4-Methyl-2-pentanone (MIBK)	BDL	0.52	mg/kg	8260B	10/17/12	50
Methyl tert-butyl ether	BDL	0.052	mg/kg	8260B	10/17/12	50
Naphthalene	BDL	0.26	mg/kg	8260B	10/17/12	50
n-Propylbenzene	0.087	0.052	mg/kg	8260B	10/17/12	50
Styrene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1,1,2-Tetrachloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1,2,2-Tetrachloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1,2-Trichlorotrifluoroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
Tetrachloroethene	BDL	0.052	mg/kg	8260B	10/17/12	50
Toluene	0.61	0.26	mg/kg	8260B	10/17/12	50
1,2,3-Trichlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,2,4-Trichlorobenzene	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1,1-Trichloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
1,1,2-Trichloroethane	BDL	0.052	mg/kg	8260B	10/17/12	50
Trichloroethene	BDL	0.052	mg/kg	8260B	10/17/12	50
Trichlorofluoromethane	BDL	0.26	mg/kg	8260B	10/17/12	50
1,2,3-Trichloropropane	BDL	0.13	mg/kg	8260B	10/17/12	50
1,2,4-Trimethylbenzene	0.67	0.052	mg/kg	8260B	10/17/12	50
1,2,3-Trimethylbenzene	0.29	0.052	mg/kg	8260B	10/17/12	50
1,3,5-Trimethylbenzene	0.27	0.052	mg/kg	8260B	10/17/12	50
Vinyl chloride	BDL	0.052	mg/kg	8260B	10/17/12	50
Xylenes, Total	1.7	0.16	mg/kg	8260B	10/17/12	50
Surrogate Recovery						
Toluene-d8	97.9		% Rec.	8260B	10/17/12	50
Dibromofluoromethane	93.7		% Rec.	8260B	10/17/12	50
4-Bromofluorobenzene	110.		% Rec.	8260B	10/17/12	50
TPH (GC/FID) High Fraction	20000	210	mg/kg	3546/DRO	10/22/12	50
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	10/22/12	50

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

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REPORT OF ANALYSIS

October 23,2012

Toni Mckinght
EnviroTech- NM
5796 US. Highway 64
Farmington, NM 87401

ESC Sample # : L601053-01

Date Received : October 16, 2012
Description : CIP

Site ID :

Sample ID : CIP 2

Project # : 92245-0013

Collected By : Benny Kling
Collection Date : 10/11/12 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Base/Neutral Extractables						
Acenaphthene	BDL	21.	mg/kg	8270C	10/19/12	600
Acenaphthylene	BDL	21.	mg/kg	8270C	10/19/12	600
Anthracene	BDL	21.	mg/kg	8270C	10/19/12	600
Benzidine	BDL	210	mg/kg	8270C	10/19/12	600
Benzo(a)anthracene	BDL	21.	mg/kg	8270C	10/19/12	600
Benzo(b)fluoranthene	BDL	21.	mg/kg	8270C	10/19/12	600
Benzo(k)fluoranthene	BDL	21.	mg/kg	8270C	10/19/12	600
Benzo(g,h,i)perylene	BDL	21.	mg/kg	8270C	10/19/12	600
Benzo(a)pyrene	BDL	21.	mg/kg	8270C	10/19/12	600
Bis(2-chlorethoxy)methane	BDL	210	mg/kg	8270C	10/19/12	600
Bis(2-chloroethyl)ether	BDL	210	mg/kg	8270C	10/19/12	600
Bis(2-chloroisopropyl)ether	BDL	210	mg/kg	8270C	10/19/12	600
4-Bromophenyl-phenylether	BDL	210	mg/kg	8270C	10/19/12	600
2-Chloronaphthalene	BDL	21.	mg/kg	8270C	10/19/12	600
4-Chlorophenyl-phenylether	BDL	210	mg/kg	8270C	10/19/12	600
Chrysene	BDL	21.	mg/kg	8270C	10/19/12	600
Dibenz(a,h)anthracene	BDL	21.	mg/kg	8270C	10/19/12	600
3,3-Dichlorobenzidine	BDL	210	mg/kg	8270C	10/19/12	600
2,4-Dinitrotoluene	BDL	210	mg/kg	8270C	10/19/12	600
2,6-Dinitrotoluene	BDL	210	mg/kg	8270C	10/19/12	600
Fluoranthene	BDL	21.	mg/kg	8270C	10/19/12	600
Fluorene	34.	21.	mg/kg	8270C	10/19/12	600
Hexachlorobenzene	BDL	210	mg/kg	8270C	10/19/12	600
Hexachloro-1,3-butadiene	BDL	210	mg/kg	8270C	10/19/12	600
Hexachlorocyclopentadiene	BDL	210	mg/kg	8270C	10/19/12	600
Hexachloroethane	BDL	210	mg/kg	8270C	10/19/12	600
Indeno(1,2,3-cd)pyrene	BDL	21.	mg/kg	8270C	10/19/12	600
Isophorone	BDL	210	mg/kg	8270C	10/19/12	600
Naphthalene	BDL	21.	mg/kg	8270C	10/19/12	600
Nitrobenzene	BDL	210	mg/kg	8270C	10/19/12	600
n-Nitrosodimethylamine	BDL	210	mg/kg	8270C	10/19/12	600
n-Nitrosodiphenylamine	BDL	210	mg/kg	8270C	10/19/12	600
n-Nitrosodi-n-propylamine	BDL	210	mg/kg	8270C	10/19/12	600
Phenanthrene	54.	21.	mg/kg	8270C	10/19/12	600
Benzylbutyl phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Bis(2-ethylhexyl)phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Di-n-butyl phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Diethyl phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Dimethyl phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Di-n-octyl phthalate	BDL	210	mg/kg	8270C	10/19/12	600
Pyrene	BDL	21.	mg/kg	8270C	10/19/12	600
1,2,4-Trichlorobenzene	BDL	210	mg/kg	8270C	10/19/12	600
Acid Extractables						

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted

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REPORT OF ANALYSIS

Toni Mckinght
EnviroTech- NM
5796 US. Highway 64
Farmington, NM 87401

October 23,2012

ESC Sample # : L601053-01

Date Received : October 16, 2012
Description : CIP

Site ID :

Sample ID : CIP 2

Project # : 92245-0013

Collected By : Benny Kling
Collection Date : 10/11/12 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	210	mg/kg	8270C	10/19/12	600
2-Chlorophenol	BDL	210	mg/kg	8270C	10/19/12	600
2,4-Dichlorophenol	BDL	210	mg/kg	8270C	10/19/12	600
2,4-Dimethylphenol	BDL	210	mg/kg	8270C	10/19/12	600
4,6-Dinitro-2-methylphenol	BDL	210	mg/kg	8270C	10/19/12	600
2,4-Dinitrophenol	BDL	210	mg/kg	8270C	10/19/12	600
2-Nitrophenol	BDL	210	mg/kg	8270C	10/19/12	600
4-Nitrophenol	BDL	210	mg/kg	8270C	10/19/12	600
Pentachlorophenol	BDL	210	mg/kg	8270C	10/19/12	600
Phenol	BDL	210	mg/kg	8270C	10/19/12	600
2,4,6-Trichlorophenol	BDL	210	mg/kg	8270C	10/19/12	600
Surrogate Recovery						
2-Fluorophenol	36.9		% Rec.	8270C	10/19/12	600
Phenol-d5	66.9		% Rec.	8270C	10/19/12	600
Nitrobenzene-d5	0.00		% Rec.	8270C	10/19/12	600
2-Fluorobiphenyl	57.8		% Rec.	8270C	10/19/12	600
2,4,6-Tribromophenol	53.3		% Rec.	8270C	10/19/12	600
p-Terphenyl-d14	55.6		% Rec.	8270C	10/19/12	600

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 10/23/12 10:38 Printed: 10/23/12 10:38

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L601053-01	WG618307	SAMP	Benzidine	R2398197	L1
	WG618307	SAMP	Isophorone	R2398197	J4
	WG618307	SAMP	2-Fluorophenol	R2398197	J7
	WG618307	SAMP	Phenol-d5	R2398197	J7
	WG618307	SAMP	Nitrobenzene-d5	R2398197	J7
	WG618307	SAMP	2-Fluorobiphenyl	R2398197	J7
	WG618307	SAMP	2,4,6-Tribromophenol	R2398197	J7
	WG618310	SAMP	p-Terphenyl-d14	R2398197	J7
			o-Terphenyl	R2398938	J7

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Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
L1	(ESC) The associated batch LCS exceeded the upper control limit, which indicates a high bias; The sample analyte was "not detected" and is therefore unaffected.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
10/23/12 at 10:38:58

TSR Signing Reports: 288
R5 - Desired TAT

Auto QC on all reports Full TCLP also requires RCI Dry wt PO NUMBERS ON ALL PROJECTS Glycols-
sub outs $225

Sample: L601053-01 Account: ENVIROFNM Received: 10/16/12 09:00 Due Date: 10/23/12 00:00 RPT Date: 10/23/12 10:38

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Farmington, NM 87401

Quality Assurance Report
Level II

L601053

October 23, 2012

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Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1,1-Trichloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1,2-Trichloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1,2-Trichlorotrifluoroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1-Dichloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,1-Dichloroethene	< .001	mg/kg			WG618255	10/17/12 04:29
1,1-Dichloropropene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2,3-Trichlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2,3-Trichloropropane	< .0025	mg/kg			WG618255	10/17/12 04:29
1,2,3-Trimethylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2,4-Trichlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2,4-Trimethylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG618255	10/17/12 04:29
1,2-Dibromoethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,2-Dichlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,2-Dichloroethane	< .001	mg/kg			WG618255	10/17/12 04:29
1,2-Dichloropropane	< .001	mg/kg			WG618255	10/17/12 04:29
1,3,5-Trimethylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,3-Dichlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
1,3-Dichloropropane	< .001	mg/kg			WG618255	10/17/12 04:29
1,4-Dichlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
2,2-Dichloropropane	< .001	mg/kg			WG618255	10/17/12 04:29
2-Butanone (MEK)	< .01	mg/kg			WG618255	10/17/12 04:29
2-Chloroethyl vinyl ether	< .05	mg/kg			WG618255	10/17/12 04:29
2-Chlorotoluene	< .001	mg/kg			WG618255	10/17/12 04:29
4-Chlorotoluene	< .001	mg/kg			WG618255	10/17/12 04:29
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG618255	10/17/12 04:29
Acetone	< .05	mg/kg			WG618255	10/17/12 04:29
Acrylonitrile	< .01	mg/kg			WG618255	10/17/12 04:29
Benzene	< .001	mg/kg			WG618255	10/17/12 04:29
Bromobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Bromodichloromethane	< .001	mg/kg			WG618255	10/17/12 04:29
Bromoform	< .001	mg/kg			WG618255	10/17/12 04:29
Bromomethane	< .005	mg/kg			WG618255	10/17/12 04:29
Carbon tetrachloride	< .001	mg/kg			WG618255	10/17/12 04:29
Chlorobenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Chlorodibromomethane	< .001	mg/kg			WG618255	10/17/12 04:29
Chloroethane	< .005	mg/kg			WG618255	10/17/12 04:29
Chloroform	< .005	mg/kg			WG618255	10/17/12 04:29
Chloromethane	< .0025	mg/kg			WG618255	10/17/12 04:29
cis-1,2-Dichloroethene	< .001	mg/kg			WG618255	10/17/12 04:29
cis-1,3-Dichloropropene	< .001	mg/kg			WG618255	10/17/12 04:29
Di-isopropyl ether	< .001	mg/kg			WG618255	10/17/12 04:29
Dibromomethane	< .001	mg/kg			WG618255	10/17/12 04:29
Dichlorodifluoromethane	< .005	mg/kg			WG618255	10/17/12 04:29
Ethylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Hexachloro-1,3-butadiene	< .001	mg/kg			WG618255	10/17/12 04:29
Isopropylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Methyl tert-butyl ether	< .001	mg/kg			WG618255	10/17/12 04:29
Methylene Chloride	< .005	mg/kg			WG618255	10/17/12 04:29
n-Butylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
n-Propylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Naphthalene	< .005	mg/kg			WG618255	10/17/12 04:29
p-Isopropyltoluene	< .001	mg/kg			WG618255	10/17/12 04:29
sec-Butylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Styrene	< .001	mg/kg			WG618255	10/17/12 04:29
tert-Butylbenzene	< .001	mg/kg			WG618255	10/17/12 04:29
Toluene	< .005	mg/kg			WG618255	10/17/12 04:29

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Level II

L601053

October 23, 2012

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Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
trans-1,2-Dichloroethene	< .001	mg/kg			WG618255	10/17/12 04:29
trans-1,3-Dichloropropene	< .001	mg/kg			WG618255	10/17/12 04:29
Trichloroethene	< .001	mg/kg			WG618255	10/17/12 04:29
Trichlorofluoromethane	< .005	mg/kg			WG618255	10/17/12 04:29
Vinyl chloride	< .001	mg/kg			WG618255	10/17/12 04:29
Xylenes, Total	< .003	mg/kg			WG618255	10/17/12 04:29
4-Bromofluorobenzene		% Rec.	109.0	67-133	WG618255	10/17/12 04:29
Dibromofluoromethane		% Rec.	93.37	72-135	WG618255	10/17/12 04:29
Toluene-d8		% Rec.	97.56	90-113	WG618255	10/17/12 04:29
Total Solids	< .1	%			WG618288	10/18/12 10:10
Tetrachloroethene	< .001	mg/kg			WG618433	10/17/12 18:49
4-Bromofluorobenzene		% Rec.	110.2	67-133	WG618433	10/17/12 18:49
Dibromofluoromethane		% Rec.	93.66	72-135	WG618433	10/17/12 18:49
Toluene-d8		% Rec.	97.16	90-113	WG618433	10/17/12 18:49
1,2,4-Trichlorobenzene	< .333	mg/kg			WG618307	10/18/12 20:26
2,4,6-Trichlorophenol	< .333	mg/kg			WG618307	10/18/12 20:26
2,4-Dichlorophenol	< .333	mg/kg			WG618307	10/18/12 20:26
2,4-Dimethylphenol	< .333	mg/kg			WG618307	10/18/12 20:26
2,4-Dinitrophenol	< .333	mg/kg			WG618307	10/18/12 20:26
2,4-Dinitrotoluene	< .333	mg/kg			WG618307	10/18/12 20:26
2,6-Dinitrotoluene	< .333	mg/kg			WG618307	10/18/12 20:26
2-Chloronaphthalene	< .033	mg/kg			WG618307	10/18/12 20:26
2-Chlorophenol	< .333	mg/kg			WG618307	10/18/12 20:26
2-Nitrophenol	< .333	mg/kg			WG618307	10/18/12 20:26
3,3-Dichlorobenzidine	< .333	mg/kg			WG618307	10/18/12 20:26
4,6-Dinitro-2-methylphenol	< .333	mg/kg			WG618307	10/18/12 20:26
4-Bromophenyl-phenylether	< .333	mg/kg			WG618307	10/18/12 20:26
4-Chloro-3-methylphenol	< .333	mg/kg			WG618307	10/18/12 20:26
4-Chlorophenyl-phenylether	< .333	mg/kg			WG618307	10/18/12 20:26
4-Nitrophenol	< .333	mg/kg			WG618307	10/18/12 20:26
Acenaphthene	< .033	mg/kg			WG618307	10/18/12 20:26
Acenaphthylene	< .033	mg/kg			WG618307	10/18/12 20:26
Anthracene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzidine	< .333	mg/kg			WG618307	10/18/12 20:26
Benzo(a)anthracene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzo(a)pyrene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzo(b)fluoranthene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzo(g,h,i)perylene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzo(k)fluoranthene	< .033	mg/kg			WG618307	10/18/12 20:26
Benzylbutyl phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Bis(2-chlorethoxy)methane	< .333	mg/kg			WG618307	10/18/12 20:26
Bis(2-chloroethyl)ether	< .333	mg/kg			WG618307	10/18/12 20:26
Bis(2-chloroisopropyl)ether	< .333	mg/kg			WG618307	10/18/12 20:26
Bis(2-ethylhexyl)phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Chrysene	< .033	mg/kg			WG618307	10/18/12 20:26
Di-n-butyl phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Di-n-octyl phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Dibenz(a,h)anthracene	< .033	mg/kg			WG618307	10/18/12 20:26
Diethyl phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Dimethyl phthalate	< .333	mg/kg			WG618307	10/18/12 20:26
Fluoranthene	< .033	mg/kg			WG618307	10/18/12 20:26
Fluorene	< .033	mg/kg			WG618307	10/18/12 20:26
Hexachloro-1,3-butadiene	< .333	mg/kg			WG618307	10/18/12 20:26

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L601053

October 23, 2012

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Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Hexachlorobenzene	< .333	mg/kg			WG618307	10/18/12 20:26
Hexachlorocyclopentadiene	< .333	mg/kg			WG618307	10/18/12 20:26
Hexachloroethane	< .333	mg/kg			WG618307	10/18/12 20:26
Indeno(1,2,3-cd)pyrene	< .033	mg/kg			WG618307	10/18/12 20:26
Isophorone	< .333	mg/kg			WG618307	10/18/12 20:26
n-Nitrosodi-n-propylamine	< .333	mg/kg			WG618307	10/18/12 20:26
n-Nitrosodimethylamine	< .333	mg/kg			WG618307	10/18/12 20:26
n-Nitrosodiphenylamine	< .333	mg/kg			WG618307	10/18/12 20:26
Naphthalene	< .033	mg/kg			WG618307	10/18/12 20:26
Nitrobenzene	< .333	mg/kg			WG618307	10/18/12 20:26
Pentachlorophenol	< .333	mg/kg			WG618307	10/18/12 20:26
Phenanthrene	< .033	mg/kg			WG618307	10/18/12 20:26
Phenol	< .333	mg/kg			WG618307	10/18/12 20:26
Pyrene	< .033	mg/kg			WG618307	10/18/12 20:26
2,4,6-Tribromophenol		% Rec.	71.12	16-136	WG618307	10/18/12 20:26
2-Fluorobiphenyl		% Rec.	75.88	37-119	WG618307	10/18/12 20:26
2-Fluorophenol		% Rec.	65.28	22-114	WG618307	10/18/12 20:26
Nitrobenzene-d5		% Rec.	68.04	20-114	WG618307	10/18/12 20:26
Phenol-d5		% Rec.	66.42	26-127	WG618307	10/18/12 20:26
p-Terphenyl-d14		% Rec.	70.44	15-174	WG618307	10/18/12 20:26
Arsenic	< 1	mg/kg			WG618495	10/18/12 13:04
Barium	< .25	mg/kg			WG618495	10/18/12 13:04
Cadmium	< .25	mg/kg			WG618495	10/18/12 13:04
Chromium	< .5	mg/kg			WG618495	10/18/12 13:04
Lead	< .25	mg/kg			WG618495	10/18/12 13:04
Silver	< .5	mg/kg			WG618495	10/18/12 13:04
Mercury	< .02	mg/kg			WG618303	10/18/12 17:16
Selenium	< 1	mg/kg			WG618495	10/18/12 21:24
TPH (GC/FID) High Fraction	< 4	mg/kg			WG618310	10/19/12 10:12
o-Terphenyl		% Rec.	88.05	50-150	WG618310	10/19/12 10:12

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	85.0	83.1	2.53	5	L601029-18	WG618288
Barium	mg/kg	76.0	79.2	4.12	20	L601386-01	WG618495
Chromium	mg/kg	16.0	17.0	6.06	20	L601386-01	WG618495
Arsenic	mg/kg	13.0	13.0	0	20	L601386-01	WG618495
Cadmium	mg/kg	0	0	0	20	L601386-01	WG618495
Lead	mg/kg	0	0	0	20	L601386-01	WG618495
Silver	mg/kg	0	1.20	NA	20	L601386-01	WG618495
Mercury	mg/kg	0.570	1.00	54.8*	20	L601029-02	WG618303
Selenium	mg/kg	3.80	3.10	20.3*	20	L601386-01	WG618495

* Performance of this Analyte is outside of established criteria.
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Level II

L601053

October 23, 2012

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0255	102.	77-129	WG618255
1,1,1-Trichloroethane	mg/kg	.025	0.0212	84.7	70-127	WG618255
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0224	89.8	76-133	WG618255
1,1,2-Trichloroethane	mg/kg	.025	0.0252	101.	79-123	WG618255
1,1,2-Trichlorotrifluoroethane	mg/kg	.025	0.0251	100.	52-145	WG618255
1,1-Dichloroethane	mg/kg	.025	0.0201	80.2	74-121	WG618255
1,1-Dichloroethene	mg/kg	.025	0.0215	86.2	53-135	WG618255
1,1-Dichloropropene	mg/kg	.025	0.0212	84.6	67-127	WG618255
1,2,3-Trichlorobenzene	mg/kg	.025	0.0244	97.5	74-131	WG618255
1,2,3-Trichloropropane	mg/kg	.025	0.0236	94.3	75-135	WG618255
1,2,3-Trimethylbenzene	mg/kg	.025	0.0205	81.9	76-128	WG618255
1,2,4-Trichlorobenzene	mg/kg	.025	0.0244	97.5	72-130	WG618255
1,2,4-Trimethylbenzene	mg/kg	.025	0.0231	92.2	75-131	WG618255
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0221	88.2	55-142	WG618255
1,2-Dibromoethane	mg/kg	.025	0.0243	97.3	77-126	WG618255
1,2-Dichlorobenzene	mg/kg	.025	0.0217	86.6	80-123	WG618255
1,2-Dichloroethane	mg/kg	.025	0.0197	78.8	70-128	WG618255
1,2-Dichloropropane	mg/kg	.025	0.0214	85.4	74-125	WG618255
1,3,5-Trimethylbenzene	mg/kg	.025	0.0238	95.1	77-129	WG618255
1,3-Dichlorobenzene	mg/kg	.025	0.0242	96.7	76-128	WG618255
1,3-Dichloropropane	mg/kg	.025	0.0244	97.6	77-118	WG618255
1,4-Dichlorobenzene	mg/kg	.025	0.0217	86.9	77-119	WG618255
2,2-Dichloropropane	mg/kg	.025	0.0211	84.3	60-132	WG618255
2-Butanone (MEK)	mg/kg	.125	0.108	86.5	56-146	WG618255
2-Chloroethyl vinyl ether	mg/kg	.125	0.116	92.7	17-179	WG618255
2-Chlorotoluene	mg/kg	.025	0.0240	96.2	76-125	WG618255
4-Chlorotoluene	mg/kg	.025	0.0229	91.5	76-125	WG618255
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.100	80.3	55-148	WG618255
Acetone	mg/kg	.125	0.0916	73.3	47-155	WG618255
Acrylonitrile	mg/kg	.125	0.0861	68.9	50-155	WG618255
Benzene	mg/kg	.025	0.0206	82.6	72-120	WG618255
Bromobenzene	mg/kg	.025	0.0233	93.2	74-122	WG618255
Bromodichloromethane	mg/kg	.025	0.0226	90.4	74-128	WG618255
Bromoform	mg/kg	.025	0.0250	100.	62-137	WG618255
Bromomethane	mg/kg	.025	0.0246	98.4	38-180	WG618255
Carbon tetrachloride	mg/kg	.025	0.0208	83.4	62-130	WG618255
Chlorobenzene	mg/kg	.025	0.0241	96.6	77-124	WG618255
Chlorodibromomethane	mg/kg	.025	0.0249	99.4	74-128	WG618255
Chloroethane	mg/kg	.025	0.0225	90.1	46-173	WG618255
Chloroform	mg/kg	.025	0.0210	84.0	76-122	WG618255
Chloromethane	mg/kg	.025	0.0186	74.5	49-143	WG618255
cis-1,2-Dichloroethene	mg/kg	.025	0.0209	83.7	73-123	WG618255
cis-1,3-Dichloropropene	mg/kg	.025	0.0219	87.6	73-126	WG618255
Di-isopropyl ether	mg/kg	.025	0.0177	70.9	64-131	WG618255
Dibromomethane	mg/kg	.025	0.0231	92.3	75-127	WG618255
Dichlorodifluoromethane	mg/kg	.025	0.0216	86.2	30-177	WG618255
Ethylbenzene	mg/kg	.025	0.0248	99.2	76-126	WG618255
Hexachloro-1,3-butadiene	mg/kg	.025	0.0243	97.0	71-134	WG618255
Isopropylbenzene	mg/kg	.025	0.0243	97.3	70-128	WG618255
Methyl tert-butyl ether	mg/kg	.025	0.0198	79.0	66-127	WG618255
Methylene Chloride	mg/kg	.025	0.0204	81.5	67-124	WG618255
n-Butylbenzene	mg/kg	.025	0.0207	82.9	71-133	WG618255
n-Propylbenzene	mg/kg	.025	0.0243	97.3	76-126	WG618255
Naphthalene	mg/kg	.025	0.0213	85.3	68-136	WG618255
p-Isopropyltoluene	mg/kg	.025	0.0244	97.4	75-134	WG618255
sec-Butylbenzene	mg/kg	.025	0.0252	101.	75-132	WG618255
Styrene	mg/kg	.025	0.0230	92.2	68-148	WG618255
tert-Butylbenzene	mg/kg	.025	0.0242	96.6	75-132	WG618255
Toluene	mg/kg	.025	0.0232	92.9	74-155	WG618255
trans-1,2-Dichloroethene	mg/kg	.025	0.0206	82.3	63-126	WG618255

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Est. 1970

EnviroTech- NM
Toni Mckinght
5796 US. Highway 64

Farmington, NM 87401

Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
trans-1,3-Dichloropropene	mg/kg	.025	0.0214	85.6	68-126	WG618255
Trichloroethene	mg/kg	.025	0.0240	95.9	75-121	WG618255
Trichlorofluoromethane	mg/kg	.025	0.0250	100.	48-170	WG618255
Vinyl chloride	mg/kg	.025	0.0214	85.6	54-144	WG618255
Xylenes, Total	mg/kg	.075	0.0747	99.6	76-126	WG618255
4-Bromofluorobenzene				111.3	67-133	WG618255
Dibromofluoromethane				92.16	72-135	WG618255
Toluene-d8				98.95	90-113	WG618255
Total Solids	%	50	50.0	100.	85-115	WG618288
Tetrachloroethene	mg/kg	.025	0.0272	109.	70-131	WG618433
4-Bromofluorobenzene				110.8	67-133	WG618433
Dibromofluoromethane				93.43	72-135	WG618433
Toluene-d8				98.13	90-113	WG618433
1,2,4-Trichlorobenzene	mg/kg	.333	0.237	71.2	48-87	WG618307
2,4,6-Trichlorophenol	mg/kg	.333	0.248	74.5	50-98	WG618307
2,4-Dichlorophenol	mg/kg	.333	0.258	77.4	56-96	WG618307
2,4-Dimethylphenol	mg/kg	.333	0.237	71.0	52-101	WG618307
2,4-Dinitrophenol	mg/kg	.333	0.145	43.5	10-109	WG618307
2,4-Dinitrotoluene	mg/kg	.333	0.256	76.7	54-103	WG618307
2,6-Dinitrotoluene	mg/kg	.333	0.247	74.3	53-99	WG618307
2-Chloronaphthalene	mg/kg	.333	0.238	71.6	55-96	WG618307
2-Chlorophenol	mg/kg	.333	0.228	68.3	52-88	WG618307
2-Nitrophenol	mg/kg	.333	0.252	75.8	55-106	WG618307
3,3-Dichlorobenzidine	mg/kg	.333	0.229	68.8	36-84	WG618307
4,6-Dinitro-2-methylphenol	mg/kg	.333	0.225	67.6	24-98	WG618307
4-Bromophenyl-phenylether	mg/kg	.333	0.249	74.8	58-111	WG618307
4-Chloro-3-methylphenol	mg/kg	.333	0.254	76.4	58-98	WG618307
4-Chlorophenyl-phenylether	mg/kg	.333	0.247	74.1	59-103	WG618307
4-Nitrophenol	mg/kg	.333	0.234	70.4	34-101	WG618307
Acenaphthene	mg/kg	.333	0.238	71.6	55-96	WG618307
Acenaphthylene	mg/kg	.333	0.254	76.4	61-107	WG618307
Anthracene	mg/kg	.333	0.243	73.1	58-105	WG618307
Benzidine	mg/kg	.333	0.0952	28.6*	10-21	WG618307
Benzo(a)anthracene	mg/kg	.333	0.235	70.5	56-103	WG618307
Benzo(a)pyrene	mg/kg	.333	0.247	74.2	57-103	WG618307
Benzo(b)fluoranthene	mg/kg	.333	0.241	72.4	52-106	WG618307
Benzo(g,h,i)perylene	mg/kg	.333	0.237	71.1	47-112	WG618307
Benzo(k)fluoranthene	mg/kg	.333	0.258	77.5	53-104	WG618307
Benzylbutyl phthalate	mg/kg	.333	0.259	77.7	61-118	WG618307
Bis(2-chlorethoxy)methane	mg/kg	.333	0.220	66.1	58-104	WG618307
Bis(2-chloroethyl)ether	mg/kg	.333	0.207	62.2	51-103	WG618307
Bis(2-chloroisopropyl)ether	mg/kg	.333	0.214	64.1	56-95	WG618307
Bis(2-ethylhexyl)phthalate	mg/kg	.333	0.260	78.0	56-120	WG618307
Chrysene	mg/kg	.333	0.245	73.6	55-102	WG618307
Di-n-butyl phthalate	mg/kg	.333	0.253	75.9	59-114	WG618307
Di-n-octyl phthalate	mg/kg	.333	0.228	68.6	51-119	WG618307
Dibenz(a,h)anthracene	mg/kg	.333	0.256	76.8	49-111	WG618307
Diethyl phthalate	mg/kg	.333	0.270	81.2	61-105	WG618307
Dimethyl phthalate	mg/kg	.333	0.249	74.6	60-106	WG618307
Fluoranthene	mg/kg	.333	0.253	75.9	59-108	WG618307
Fluorene	mg/kg	.333	0.251	75.3	59-100	WG618307
Hexachloro-1,3-butadiene	mg/kg	.333	0.273	81.9	53-106	WG618307
Hexachlorobenzene	mg/kg	.333	0.236	70.7	50-108	WG618307

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Quality Assurance Report
Level II

L601053

October 23, 2012

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Hexachlorocyclopentadiene	mg/kg	.333	0.151	45.4	36-117	WG618307
Hexachloroethane	mg/kg	.333	0.230	69.0	45-83	WG618307
Indeno(1,2,3-cd)pyrene	mg/kg	.333	0.249	74.9	50-110	WG618307
Isophorone	mg/kg	.333	0.185	55.6	51-99	WG618307
n-Nitrosodi-n-propylamine	mg/kg	.333	0.217	65.1	52-103	WG618307
n-Nitrosodimethylamine	mg/kg	.333	0.212	63.6	31-107	WG618307
n-Nitrosodiphenylamine	mg/kg	.333	0.234	70.2	48-90	WG618307
Naphthalene	mg/kg	.333	0.228	68.5	55-91	WG618307
Nitrobenzene	mg/kg	.333	0.225	67.4	47-92	WG618307
Pentachlorophenol	mg/kg	.333	0.189	56.7	10-89	WG618307
Phenanthrene	mg/kg	.333	0.243	73.1	55-103	WG618307
Phenol	mg/kg	.333	0.212	63.7	49-99	WG618307
Pyrene	mg/kg	.333	0.229	68.8	54-104	WG618307
2,4,6-Tribromophenol				76.13	16-136	WG618307
2-Fluorobiphenyl				70.21	37-119	WG618307
2-Fluorophenol				60.26	22-114	WG618307
Nitrobenzene-d5				68.50	20-114	WG618307
Phenol-d5				62.10	26-127	WG618307
p-Terphenyl-d14				63.07	15-174	WG618307
Arsenic	mg/kg	237	219.	92.4	83.1-117	WG618495
Barium	mg/kg	252	252.	100.	84.1-116	WG618495
Cadmium	mg/kg	191	177.	92.7	83.2-117	WG618495
Chromium	mg/kg	128	127.	99.2	81.3-118	WG618495
Lead	mg/kg	103	89.8	87.2	83.1-117	WG618495
Silver	mg/kg	47.3	45.6	96.4	66.2-134	WG618495
Mercury	mg/kg	12.4	12.3	99.2	71.6-128	WG618303
Selenium	mg/kg	110	110.	100.	78.7-122	WG618495
TPH (GC/FID) High Fraction	mg/kg	60	46.0	76.7	50-150	WG618310
o-Terphenyl				78.10	50-150	WG618310

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0255	0.0255	102.	77-129	0.0200	20	WG618255
1,1,1-Trichloroethane	mg/kg	0.0214	0.0212	85.0	70-127	0.830	20	WG618255
1,1,2,2-Tetrachloroethane	mg/kg	0.0223	0.0224	89.0	76-133	0.550	20	WG618255
1,1,2-Trichloroethane	mg/kg	0.0250	0.0252	100.	79-123	1.01	20	WG618255
1,1,2-Trichlorotrifluoroethane	mg/kg	0.0255	0.0251	102.	52-145	1.58	20	WG618255
1,1-Dichloroethane	mg/kg	0.0208	0.0201	83.0	74-121	3.56	20	WG618255
1,1-Dichloroethene	mg/kg	0.0219	0.0215	88.0	53-135	1.81	20	WG618255
1,1-Dichloropropene	mg/kg	0.0216	0.0212	86.0	67-127	1.89	20	WG618255
1,2,3-Trichlorobenzene	mg/kg	0.0249	0.0244	99.0	74-131	2.04	20	WG618255
1,2,3-Trichloropropane	mg/kg	0.0238	0.0236	95.0	75-135	1.06	20	WG618255
1,2,3-Trimethylbenzene	mg/kg	0.0209	0.0205	83.0	76-128	1.79	20	WG618255
1,2,4-Trichlorobenzene	mg/kg	0.0256	0.0244	102.	72-130	4.86	20	WG618255
1,2,4-Trimethylbenzene	mg/kg	0.0229	0.0231	92.0	75-131	0.770	20	WG618255
1,2-Dibromo-3-Chloropropane	mg/kg	0.0227	0.0221	91.0	55-142	2.89	20	WG618255
1,2-Dibromoethane	mg/kg	0.0248	0.0243	99.0	77-126	1.91	20	WG618255
1,2-Dichlorobenzene	mg/kg	0.0226	0.0217	90.0	80-123	4.24	20	WG618255
1,2-Dichloroethane	mg/kg	0.0204	0.0197	82.0	70-128	3.67	20	WG618255
1,2-Dichloropropane	mg/kg	0.0223	0.0214	89.0	74-125	4.13	20	WG618255

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Duplicate RPD	Limit	Batch
1,3,5-Trimethylbenzene	mg/kg	0.0236	0.0238	94.0	77-129	0.730	20	WG618255
1,3-Dichlorobenzene	mg/kg	0.0245	0.0242	98.0	76-128	1.32	20	WG618255
1,3-Dichloropropane	mg/kg	0.0250	0.0244	100.	77-118	2.34	20	WG618255
1,4-Dichlorobenzene	mg/kg	0.0227	0.0217	91.0	77-119	4.43	20	WG618255
2,2-Dichloropropane	mg/kg	0.0210	0.0211	84.0	60-132	0.510	20	WG618255
2-Butanone (MEK)	mg/kg	0.113	0.108	90.0	56-146	4.19	20	WG618255
2-Chloroethyl vinyl ether	mg/kg	0.120	0.116	96.0	17-179	3.34	22	WG618255
2-Chlorotoluene	mg/kg	0.0242	0.0240	97.0	76-125	0.690	20	WG618255
4-Chlorotoluene	mg/kg	0.0234	0.0229	94.0	76-125	2.35	20	WG618255
4-Methyl-2-pentanone (MIBK)	mg/kg	0.104	0.100	83.0	55-148	3.16	20	WG618255
Acetone	mg/kg	0.106	0.0916	85.0	47-155	14.4	22	WG618255
Acrylonitrile	mg/kg	0.0932	0.0861	74.0	50-155	7.96	20	WG618255
Benzene	mg/kg	0.0213	0.0206	85.0	72-120	3.16	20	WG618255
Bromobenzene	mg/kg	0.0237	0.0233	95.0	74-122	1.51	20	WG618255
Bromodichloromethane	mg/kg	0.0236	0.0226	94.0	74-128	4.34	20	WG618255
Bromoform	mg/kg	0.0254	0.0250	102.	62-137	1.50	20	WG618255
Bromomethane	mg/kg	0.0245	0.0246	98.0	38-180	0.190	20	WG618255
Carbon tetrachloride	mg/kg	0.0211	0.0208	84.0	62-130	1.13	20	WG618255
Chlorobenzene	mg/kg	0.0243	0.0241	97.0	77-124	0.440	20	WG618255
Chlorodibromomethane	mg/kg	0.0252	0.0249	101.	74-128	1.49	20	WG618255
Chloroethane	mg/kg	0.0233	0.0225	93.0	46-173	3.44	20	WG618255
Chloroform	mg/kg	0.0219	0.0210	87.0	76-122	4.03	20	WG618255
Chloromethane	mg/kg	0.0191	0.0186	76.0	49-143	2.39	20	WG618255
cis-1,2-Dichloroethene	mg/kg	0.0216	0.0209	86.0	73-123	3.41	20	WG618255
cis-1,3-Dichloropropene	mg/kg	0.0232	0.0219	93.0	73-126	5.54	20	WG618255
Di-isopropyl ether	mg/kg	0.0182	0.0177	73.0	64-131	2.59	20	WG618255
Dibromomethane	mg/kg	0.0241	0.0231	96.0	75-127	4.41	20	WG618255
Dichlorodifluoromethane	mg/kg	0.0220	0.0216	88.0	30-177	1.94	20	WG618255
Ethylbenzene	mg/kg	0.0253	0.0248	101.	76-126	1.94	20	WG618255
Hexachloro-1,3-butadiene	mg/kg	0.0251	0.0243	100.	71-134	3.47	20	WG618255
Isopropylbenzene	mg/kg	0.0243	0.0243	97.0	70-128	0.0200	20	WG618255
Methyl tert-butyl ether	mg/kg	0.0201	0.0198	80.0	66-127	1.53	20	WG618255
Methylene Chloride	mg/kg	0.0210	0.0204	84.0	67-124	3.02	20	WG618255
n-Butylbenzene	mg/kg	0.0215	0.0207	86.0	71-133	3.72	20	WG618255
n-Propylbenzene	mg/kg	0.0246	0.0243	98.0	76-126	0.910	20	WG618255
Naphthalene	mg/kg	0.0217	0.0213	87.0	68-136	1.73	20	WG618255
p-Isopropyltoluene	mg/kg	0.0237	0.0244	95.0	75-134	2.65	20	WG618255
sec-Butylbenzene	mg/kg	0.0247	0.0252	99.0	75-132	2.02	20	WG618255
Styrene	mg/kg	0.0234	0.0230	94.0	68-148	1.55	20	WG618255
tert-Butylbenzene	mg/kg	0.0237	0.0242	95.0	75-132	1.81	20	WG618255
Toluene	mg/kg	0.0242	0.0232	97.0	74-155	4.05	20	WG618255
trans-1,2-Dichloroethene	mg/kg	0.0216	0.0206	86.0	63-126	5.02	20	WG618255
trans-1,3-Dichloropropene	mg/kg	0.0224	0.0214	90.0	68-126	4.54	20	WG618255
Trichloroethene	mg/kg	0.0246	0.0240	98.0	75-121	2.41	20	WG618255
Trichlorofluoromethane	mg/kg	0.0250	0.0250	100.	48-170	0.0200	20	WG618255
Vinyl chloride	mg/kg	0.0219	0.0214	88.0	54-144	2.54	20	WG618255
Xylenes, Total	mg/kg	0.0749	0.0747	100.	76-126	0.250	20	WG618255
4-Bromofluorobenzene				108.4	67-133			WG618255
Dibromofluoromethane				92.20	72-135			WG618255
Toluene-d8				100.3	90-113			WG618255
Tetrachloroethene	mg/kg	0.0264	0.0272	106.	70-131	2.73	20	WG618433
4-Bromofluorobenzene				108.7	67-133			WG618433
Dibromofluoromethane				91.71	72-135			WG618433
Toluene-d8				99.61	90-113			WG618433
1,2,4-Trichlorobenzene	mg/kg	0.205	0.237	62.0	48-87	14.4	20	WG618307

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Tax I.D. 62-0814289

Est. 1970

EnviroTech- NM
Toni Mckinght
5796 US. Highway 64

Farmington, NM 87401

Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Duplicate RPD	Limit	Batch
2,4,6-Trichlorophenol	mg/kg	0.231	0.248	69.0	50-98	7.00	20	WG618307
2,4-Dichlorophenol	mg/kg	0.221	0.258	66.0	56-96	15.3	20	WG618307
2,4-Dimethylphenol	mg/kg	0.217	0.237	65.0	52-101	8.80	20	WG618307
2,4-Dinitrophenol	mg/kg	0.142	0.145	43.0	10-109	1.98	39	WG618307
2,4-Dinitrotoluene	mg/kg	0.236	0.256	71.0	54-103	8.15	20	WG618307
2,6-Dinitrotoluene	mg/kg	0.227	0.247	68.0	53-99	8.77	20	WG618307
2-Chloronaphthalene	mg/kg	0.211	0.238	63.0	55-96	12.2	20	WG618307
2-Chlorophenol	mg/kg	0.198	0.228	60.0	52-88	13.8	20	WG618307
2-Nitrophenol	mg/kg	0.221	0.252	66.0	55-106	13.4	20	WG618307
3,3-Dichlorobenzidine	mg/kg	0.220	0.229	66.0	36-84	4.26	20	WG618307
4,6-Dinitro-2-methylphenol	mg/kg	0.218	0.225	65.0	24-98	3.22	32	WG618307
4-Bromophenyl-phenylether	mg/kg	0.236	0.249	71.0	58-111	5.59	20	WG618307
4-Chloro-3-methylphenol	mg/kg	0.230	0.254	69.0	58-98	10.2	20	WG618307
4-Chlorophenyl-phenylether	mg/kg	0.238	0.247	71.0	59-103	3.81	20	WG618307
4-Nitrophenol	mg/kg	0.211	0.234	63.0	34-101	10.7	26	WG618307
Acenaphthene	mg/kg	0.218	0.238	65.0	55-96	8.96	20	WG618307
Acenaphthylene	mg/kg	0.240	0.254	72.0	61-107	5.76	20	WG618307
Anthracene	mg/kg	0.232	0.243	70.0	58-105	4.72	20	WG618307
Benzidine	mg/kg	0.102	0.0952	31*	10-21	7.24	40	WG618307
Benzo(a)anthracene	mg/kg	0.219	0.235	66.0	56-103	6.77	20	WG618307
Benzo(a)pyrene	mg/kg	0.233	0.247	70.0	57-103	5.76	20	WG618307
Benzo(b)fluoranthene	mg/kg	0.231	0.241	69.0	52-106	4.28	20	WG618307
Benzo(g,h,i)perylene	mg/kg	0.227	0.237	68.0	47-112	4.09	20	WG618307
Benzo(k)fluoranthene	mg/kg	0.235	0.258	70.0	53-104	9.31	20	WG618307
Benzylbutyl phthalate	mg/kg	0.237	0.259	71.0	61-118	8.75	20	WG618307
Bis(2-chlorethoxy)methane	mg/kg	0.202	0.220	61.0	58-104	8.56	20	WG618307
Bis(2-chloroethyl)ether	mg/kg	0.179	0.207	54.0	51-103	14.4	20	WG618307
Bis(2-chloroisopropyl)ether	mg/kg	0.187	0.214	56.0	56-95	13.3	20	WG618307
Bis(2-ethylhexyl)phthalate	mg/kg	0.242	0.260	73.0	56-120	7.01	20	WG618307
Chrysene	mg/kg	0.223	0.245	67.0	55-102	9.17	20	WG618307
Di-n-butyl phthalate	mg/kg	0.234	0.253	70.0	59-114	7.54	20	WG618307
Di-n-octyl phthalate	mg/kg	0.212	0.228	64.0	51-119	7.27	22	WG618307
Dibenz(a,h)anthracene	mg/kg	0.248	0.256	74.0	49-111	3.23	20	WG618307
Diethyl phthalate	mg/kg	0.254	0.270	76.0	61-105	6.16	20	WG618307
Dimethyl phthalate	mg/kg	0.221	0.249	66.0	60-106	11.8	20	WG618307
Fluoranthene	mg/kg	0.231	0.253	70.0	59-108	8.80	20	WG618307
Fluorene	mg/kg	0.236	0.251	71.0	59-100	5.84	20	WG618307
Hexachloro-1,3-butadiene	mg/kg	0.237	0.273	71.0	53-106	14.2	20	WG618307
Hexachlorobenzene	mg/kg	0.199	0.236	60.0	50-108	16.7	20	WG618307
Hexachlorocyclopentadiene	mg/kg	0.137	0.151	41.0	36-117	10.0	20	WG618307
Hexachloroethane	mg/kg	0.196	0.230	59.0	45-83	15.8	20	WG618307
Indeno(1,2,3-cd)pyrene	mg/kg	0.240	0.249	72.0	50-110	4.03	20	WG618307
Isophorone	mg/kg	0.166	0.185	50*	51-99	10.7	20	WG618307
n-Nitrosodi-n-propylamine	mg/kg	0.195	0.217	59.0	52-103	10.5	20	WG618307
n-Nitrosodimethylamine	mg/kg	0.182	0.212	54.0	31-107	15.4	23	WG618307
n-Nitrosodiphenylamine	mg/kg	0.212	0.234	64.0	48-90	9.81	20	WG618307
Naphthalene	mg/kg	0.204	0.228	61.0	55-91	11.4	20	WG618307
Nitrobenzene	mg/kg	0.199	0.225	60.0	47-92	12.1	20	WG618307
Pentachlorophenol	mg/kg	0.177	0.189	53.0	10-89	6.76	28	WG618307
Phenanthrene	mg/kg	0.214	0.243	64.0	55-103	12.8	20	WG618307
Phenol	mg/kg	0.192	0.212	58.0	49-99	9.96	20	WG618307
Pyrene	mg/kg	0.209	0.229	63.0	54-104	9.03	20	WG618307
2,4,6-Tribromophenol				71.75	16-136			WG618307
2-Fluorobiphenyl				65.37	37-119			WG618307
2-Fluorophenol				56.42	22-114			WG618307
Nitrobenzene-d5				62.14	20-114			WG618307
Phenol-d5				56.10	26-127			WG618307
p-Terphenyl-d14				59.39	15-174			WG618307

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Quality Assurance Report
Level II

L601053

October 23, 2012

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) High Fraction	mg/kg	48.1	46.0	80.0	50-150	4.39	20	WG618310
o-Terphenyl				82.12	50-150			WG618310

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0212	0	.025	84.8	49-135	L601029-10	WG618255
1,1,1-Trichloroethane	mg/kg	0.0192	0	.025	76.7	43-142	L601029-10	WG618255
1,1,2,2-Tetrachloroethane	mg/kg	0.0176	0	.025	70.6	42-147	L601029-10	WG618255
1,1,2-Trichloroethane	mg/kg	0.0222	0	.025	88.7	51-134	L601029-10	WG618255
1,1,2-Trichlorotrifluoroethane	mg/kg	0.0187	0	.025	74.9	25-156	L601029-10	WG618255
1,1-Dichloroethane	mg/kg	0.0192	0	.025	76.9	50-131	L601029-10	WG618255
1,1-Dichloroethene	mg/kg	0.0174	0	.025	69.7	29-145	L601029-10	WG618255
1,1-Dichloropropene	mg/kg	0.0163	0	.025	65.0	40-136	L601029-10	WG618255
1,2,3-Trichlorobenzene	mg/kg	0.00887	0	.025	35.5	13-142	L601029-10	WG618255
1,2,3-Trichloropropane	mg/kg	0.0193	0	.025	77.3	41-149	L601029-10	WG618255
1,2,3-Trimethylbenzene	mg/kg	0.0194	0	.025	77.6	33-146	L601029-10	WG618255
1,2,4-Trichlorobenzene	mg/kg	0.00942	0	.025	37.7	12-140	L601029-10	WG618255
1,2,4-Trimethylbenzene	mg/kg	0.0117	0	.025	46.8	29-143	L601029-10	WG618255
1,2-Dibromo-3-Chloropropane	mg/kg	0.0231	0	.025	92.4	29-151	L601029-10	WG618255
1,2-Dibromoethane	mg/kg	0.0197	0	.025	78.6	48-133	L601029-10	WG618255
1,2-Dichlorobenzene	mg/kg	0.0166	0	.025	66.6	37-136	L601029-10	WG618255
1,2-Dichloroethane	mg/kg	0.0190	0	.025	76.1	49-131	L601029-10	WG618255
1,2-Dichloropropane	mg/kg	0.0196	0	.025	78.3	50-132	L601029-10	WG618255
1,3,5-Trimethylbenzene	mg/kg	0.0124	0	.025	49.4	29-144	L601029-10	WG618255
1,3-Dichlorobenzene	mg/kg	0.0104	0	.025	41.6	26-140	L601029-10	WG618255
1,3-Dichloropropane	mg/kg	0.0214	0	.025	85.5	50-126	L601029-10	WG618255
1,4-Dichlorobenzene	mg/kg	0.0165	0	.025	65.8	34-132	L601029-10	WG618255
2,2-Dichloropropane	mg/kg	0.0207	0	.025	82.9	35-148	L601029-10	WG618255
2-Butanone (MEK)	mg/kg	0.108	0	.125	86.3	40-149	L601029-10	WG618255
2-Chloroethyl vinyl ether	mg/kg	0.103	0	.125	82.4	10-173	L601029-10	WG618255
2-Chlorotoluene	mg/kg	0.0133	0	.025	53.3	34-136	L601029-10	WG618255
4-Chlorotoluene	mg/kg	0.0118	0	.025	47.3	31-137	L601029-10	WG618255
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0944	0	.125	75.5	37-153	L601029-10	WG618255
Acetone	mg/kg	0.0864	0.0640	.125	18.0	10-177	L601029-10	WG618255
Acrylonitrile	mg/kg	0.0833	0	.125	66.6	33-159	L601029-10	WG618255
Benzene	mg/kg	0.0186	0	.025	74.3	44-131	L601029-10	WG618255
Bromobenzene	mg/kg	0.0138	0	.025	55.3	36-132	L601029-10	WG618255
Bromodichloromethane	mg/kg	0.0207	0	.025	82.7	48-134	L601029-10	WG618255
Bromoform	mg/kg	0.0185	0	.025	73.8	34-141	L601029-10	WG618255
Bromomethane	mg/kg	0.0238	0	.025	95.2	19-173	L601029-10	WG618255
Carbon tetrachloride	mg/kg	0.0174	0	.025	69.6	36-140	L601029-10	WG618255
Chlorobenzene	mg/kg	0.0170	0	.025	67.8	42-133	L601029-10	WG618255
Chlorodibromomethane	mg/kg	0.0209	0	.025	83.5	45-135	L601029-10	WG618255
Chloroethane	mg/kg	0.0231	0	.025	92.3	16-178	L601029-10	WG618255
Chloroform	mg/kg	0.0200	0	.025	80.0	52-130	L601029-10	WG618255
Chloromethane	mg/kg	0.0187	0	.025	75.0	28-147	L601029-10	WG618255
cis-1,2-Dichloroethene	mg/kg	0.0195	0	.025	78.2	52-128	L601029-10	WG618255
cis-1,3-Dichloropropene	mg/kg	0.0180	0	.025	72.1	46-131	L601029-10	WG618255
Di-isopropyl ether	mg/kg	0.0177	0	.025	70.9	46-134	L601029-10	WG618255
Dibromomethane	mg/kg	0.0204	0	.025	81.8	51-133	L601029-10	WG618255
Dichlorodifluoromethane	mg/kg	0.0223	0	.025	89.1	12-179	L601029-10	WG618255
Ethylbenzene	mg/kg	0.0169	0	.025	67.5	38-139	L601029-10	WG618255
Hexachloro-1,3-butadiene	mg/kg	0.00842	0	.025	33.7	10-147	L601029-10	WG618255
Isopropylbenzene	mg/kg	0.0139	0	.025	55.4	34-137	L601029-10	WG618255
Methyl tert-butyl ether	mg/kg	0.0203	0	.025	81.1	45-134	L601029-10	WG618255
Methylene Chloride	mg/kg	0.0190	0	.025	75.9	41-133	L601029-10	WG618255
n-Butylbenzene	mg/kg	0.0117	0	.025	46.6	19-149	L601029-10	WG618255

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
n-Propylbenzene	mg/kg	0.0122	0	.025	48.8	27-142	L601029-10	WG618255
Naphthalene	mg/kg	0.0109	0	.025	43.6	19-146	L601029-10	WG618255
p-Isopropyltoluene	mg/kg	0.00988	0	.025	39.5	21-150	L601029-10	WG618255
sec-Butylbenzene	mg/kg	0.0105	0	.025	41.9	25-148	L601029-10	WG618255
Styrene	mg/kg	0.0148	0	.025	59.3	30-156	L601029-10	WG618255
tert-Butylbenzene	mg/kg	0.0124	0	.025	49.4	32-146	L601029-10	WG618255
Toluene	mg/kg	0.0182	0	.025	72.9	43-127	L601029-10	WG618255
trans-1,2-Dichloroethene	mg/kg	0.0177	0	.025	71.0	41-132	L601029-10	WG618255
trans-1,3-Dichloropropene	mg/kg	0.0169	0	.025	67.7	43-129	L601029-10	WG618255
Trichloroethene	mg/kg	0.0188	0	.025	75.2	42-136	L601029-10	WG618255
Trichlorofluoromethane	mg/kg	0.0236	0	.025	94.3	20-178	L601029-10	WG618255
Vinyl chloride	mg/kg	0.0208	0	.025	83.4	30-157	L601029-10	WG618255
Xylenes, Total	mg/kg	0.0502	0	.075	66.9	38-137	L601029-10	WG618255
4-Bromofluorobenzene					81.39	67-133		WG618255
Dibromofluoromethane					97.50	72-135		WG618255
Toluene-d8					94.23	90-113		WG618255
Tetrachloroethene	mg/kg	0.110	0	.025	87.8	35-139	L601271-12	WG618433
4-Bromofluorobenzene					107.9	67-133		WG618433
Dibromofluoromethane					94.37	72-135		WG618433
Toluene-d8					99.16	90-113		WG618433
Barium	mg/kg	119.	79.2	50	79.6	75-125	L601386-01	WG618495
Chromium	mg/kg	61.8	17.0	50	89.6	75-125	L601386-01	WG618495
Arsenic	mg/kg	60.7	13.0	50	19.1*	75-125	L601386-01	WG618495
Cadmium	mg/kg	49.2	0	50	98.4	75-125	L601386-01	WG618495
Lead	mg/kg	48.4	0	50	19.4*	75-125	L601386-01	WG618495
Silver	mg/kg	52.0	1.20	50	20.3*	75-125	L601386-01	WG618495
Mercury	mg/kg	1.59	1.00	.25	47.2*	80-120	L601029-02	WG618303
Selenium	mg/kg	48.2	3.10	50	90.2	75-125	L601386-01	WG618495
1,2,4-Trichlorobenzene	mg/kg	0.242	0	.333	72.7	27-118	L601386-01	WG618307
2,4,6-Trichlorophenol	mg/kg	0.276	0	.333	83.0	18-140	L601386-01	WG618307
2,4-Dichlorophenol	mg/kg	0.267	0	.333	80.3	30-134	L601386-01	WG618307
2,4-Dimethylphenol	mg/kg	0.247	0	.333	74.2	13-147	L601386-01	WG618307
2,4-Dinitrophenol	mg/kg	0.120	0	.333	36.1	10-110	L601386-01	WG618307
2,4-Dinitrotoluene	mg/kg	0.280	0	.333	84.1	12-146	L601386-01	WG618307
2,6-Dinitrotoluene	mg/kg	0.260	0	.333	78.0	10-150	L601386-01	WG618307
2-Chloronaphthalene	mg/kg	0.260	0	.333	78.2	31-127	L601386-01	WG618307
2-Chlorophenol	mg/kg	0.251	0	.333	75.5	26-120	L601386-01	WG618307
2-Nitrophenol	mg/kg	0.245	0	.333	73.4	10-156	L601386-01	WG618307
3,3-Dichlorobenzidine	mg/kg	0.239	0	.333	71.8	10-127	L601386-01	WG618307
4,6-Dinitro-2-methylphenol	mg/kg	0.241	0	.333	72.4	10-124	L601386-01	WG618307
4-Bromophenyl-phenylether	mg/kg	0.262	0	.333	78.6	27-150	L601386-01	WG618307
4-Chloro-3-methylphenol	mg/kg	0.262	0	.333	78.6	24-140	L601386-01	WG618307
4-Chlorophenyl-phenylether	mg/kg	0.273	0	.333	81.9	27-142	L601386-01	WG618307
4-Nitrophenol	mg/kg	0.273	0	.333	82.0	10-166	L601386-01	WG618307
Acenaphthene	mg/kg	0.262	0	.333	78.8	30-132	L601386-01	WG618307
Acenaphthylene	mg/kg	0.272	0	.333	81.8	31-144	L601386-01	WG618307
Anthracene	mg/kg	0.268	0	.333	80.4	27-140	L601386-01	WG618307
Benzidine	mg/kg	0.0166	0	.333	4.99*	10-55	L601386-01	WG618307
Benzo(a)anthracene	mg/kg	0.282	0	.333	84.6	22-139	L601386-01	WG618307

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzo(a)pyrene	mg/kg	0.280	0	.333	84.0	16-148	L601386-01	WG618307
Benzo(b)fluoranthene	mg/kg	0.331	0	.333	99.4	13-152	L601386-01	WG618307
Benzo(g,h,i)perylene	mg/kg	0.101	0	.333	30.3	10-137	L601386-01	WG618307
Benzo(k)fluoranthene	mg/kg	0.327	0	.333	98.1	15-152	L601386-01	WG618307
Benzylbutyl phthalate	mg/kg	0.252	0	.333	75.6	20-168	L601386-01	WG618307
Bis(2-chlorethoxy)methane	mg/kg	0.260	0	.333	78.1	32-141	L601386-01	WG618307
Bis(2-chloroethyl)ether	mg/kg	0.264	0	.333	79.4	25-139	L601386-01	WG618307
Bis(2-chloroisopropyl)ether	mg/kg	0.238	0	.333	71.5	32-128	L601386-01	WG618307
Bis(2-ethylhexyl)phthalate	mg/kg	0.264	0	.333	79.3	20-163	L601386-01	WG618307
Chrysene	mg/kg	0.288	0	.333	86.6	20-139	L601386-01	WG618307
Di-n-butyl phthalate	mg/kg	0.264	0	.333	79.2	24-149	L601386-01	WG618307
Di-n-octyl phthalate	mg/kg	0.261	0	.333	78.3	14-164	L601386-01	WG618307
Dibenz(a,h)anthracene	mg/kg	0.126	0	.333	37.7	10-137	L601386-01	WG618307
Diethyl phthalate	mg/kg	0.268	0	.333	80.4	28-142	L601386-01	WG618307
Dimethyl phthalate	mg/kg	0.256	0	.333	76.7	31-142	L601386-01	WG618307
Fluoranthene	mg/kg	0.268	0	.333	80.6	24-145	L601386-01	WG618307
Fluorene	mg/kg	0.270	0	.333	81.0	30-138	L601386-01	WG618307
Hexachloro-1,3-butadiene	mg/kg	0.263	0	.333	79.1	29-136	L601386-01	WG618307
Hexachlorobenzene	mg/kg	0.244	0	.333	73.3	26-136	L601386-01	WG618307
Hexachlorocyclopentadiene	mg/kg	0.240	0	.333	72.2	10-124	L601386-01	WG618307
Hexachloroethane	mg/kg	0.245	0	.333	73.7	21-107	L601386-01	WG618307
Indeno(1,2,3-cd)pyrene	mg/kg	0.126	0	.333	37.9	10-139	L601386-01	WG618307
Isophorone	mg/kg	0.207	0	.333	62.2	26-134	L601386-01	WG618307
n-Nitrosodi-n-propylamine	mg/kg	0.265	0	.333	79.7	24-141	L601386-01	WG618307
n-Nitrosodimethylamine	mg/kg	0.207	0	.333	62.3	18-126	L601386-01	WG618307
n-Nitrosodiphenylamine	mg/kg	0.265	0	.333	79.6	16-128	L601386-01	WG618307
Naphthalene	mg/kg	0.242	0	.333	72.8	31-124	L601386-01	WG618307
Nitrobenzene	mg/kg	0.258	0	.333	77.6	22-122	L601386-01	WG618307
Pentachlorophenol	mg/kg	0.295	0	.333	88.6	10-124	L601386-01	WG618307
Phenanthrene	mg/kg	0.270	0	.333	81.2	25-139	L601386-01	WG618307
Phenol	mg/kg	0.246	0	.333	73.8	22-129	L601386-01	WG618307
Pyrene	mg/kg	0.233	0	.333	69.8	23-145	L601386-01	WG618307
2,4,6-Tribromophenol					89.73	16-136		WG618307
2-Fluorobiphenyl					79.83	37-119		WG618307
2-Fluorophenol					53.83	22-114		WG618307
Nitrobenzene-d5					76.27	20-114		WG618307
Phenol-d5					75.40	26-127		WG618307
p-Terphenyl-d14					63.70	15-174		WG618307
TPH (GC/FID) High Fraction	mg/kg	34.7	0	60	57.8	50-150	L601087-02	WG618310
o-Terphenyl					65.49	50-150		WG618310

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0187	0.0212	74.9	49-135	12.3	23	L601029-10	WG618255
1,1,1-Trichloroethane	mg/kg	0.0175	0.0192	70.0	43-142	9.15	24	L601029-10	WG618255
1,1,2,2-Tetrachloroethane	mg/kg	0.0168	0.0176	67.3	42-147	4.76	25	L601029-10	WG618255
1,1,2-Trichloroethane	mg/kg	0.0209	0.0222	83.6	51-134	5.90	21	L601029-10	WG618255
1,1,2-Trichlorotrifluoroethane	mg/kg	0.0165	0.0187	66.0	25-156	12.7	29	L601029-10	WG618255
1,1-Dichloroethane	mg/kg	0.0181	0.0192	72.3	50-131	6.13	21	L601029-10	WG618255
1,1-Dichloroethene	mg/kg	0.0159	0.0174	63.8	29-145	8.86	28	L601029-10	WG618255
1,1-Dichloropropene	mg/kg	0.0142	0.0163	56.8	40-136	13.6	24	L601029-10	WG618255
1,2,3-Trichlorobenzene	mg/kg	0.00587	0.00887	23.5	13-142	40.8*	33	L601029-10	WG618255
1,2,3-Trichloropropane	mg/kg	0.0190	0.0193	75.8	41-149	1.87	28	L601029-10	WG618255
1,2,3-Trimethylbenzene	mg/kg	0.0132	0.0194	52.7	33-146	38.1*	27	L601029-10	WG618255
1,2,4-Trichlorobenzene	mg/kg	0.00639	0.00942	25.6	12-140	38.4*	32	L601029-10	WG618255
1,2,4-Trimethylbenzene	mg/kg	0.0105	0.0117	42.2	29-143	10.4	30	L601029-10	WG618255

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,2-Dibromo-3-Chloropropane	mg/kg	0.0175	0.0231	70.0	29-151	27.6	31	L601029-10	WG618255
1,2-Dibromoethane	mg/kg	0.0187	0.0197	74.8	48-133	5.02	22	L601029-10	WG618255
1,2-Dichlorobenzene	mg/kg	0.0117	0.0166	47.0	37-136	34.6*	25	L601029-10	WG618255
1,2-Dichloroethane	mg/kg	0.0181	0.0190	72.6	49-131	4.73	20	L601029-10	WG618255
1,2-Dichloropropane	mg/kg	0.0185	0.0196	73.8	50-132	5.89	21	L601029-10	WG618255
1,3,5-Trimethylbenzene	mg/kg	0.0110	0.0124	43.8	29-144	11.9	30	L601029-10	WG618255
1,3-Dichlorobenzene	mg/kg	0.00958	0.0104	38.3	26-140	8.13	28	L601029-10	WG618255
1,3-Dichloropropane	mg/kg	0.0202	0.0214	80.8	50-126	5.72	22	L601029-10	WG618255
1,4-Dichlorobenzene	mg/kg	0.0117	0.0165	46.7	34-132	34.0*	26	L601029-10	WG618255
2,2-Dichloropropane	mg/kg	0.0196	0.0207	78.3	35-148	5.63	26	L601029-10	WG618255
2-Butanone (MEK)	mg/kg	0.0989	0.108	79.1	40-149	8.71	27	L601029-10	WG618255
2-Chloroethyl vinyl ether	mg/kg	0.101	0.103	80.8	10-173	1.88	33	L601029-10	WG618255
2-Chlorotoluene	mg/kg	0.0120	0.0133	47.8	34-136	10.9	28	L601029-10	WG618255
4-Chlorotoluene	mg/kg	0.0107	0.0118	42.7	31-137	10.3	27	L601029-10	WG618255
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0949	0.0944	75.9	37-153	0.590	27	L601029-10	WG618255
Acetone	mg/kg	0.0763	0.0864	9.87*	10-177	12.4	28	L601029-10	WG618255
Acrylonitrile	mg/kg	0.0753	0.0833	60.2	33-159	10.1	26	L601029-10	WG618255
Benzene	mg/kg	0.0171	0.0186	68.5	44-131	8.19	21	L601029-10	WG618255
Bromobenzene	mg/kg	0.0125	0.0138	50.1	36-132	9.87	26	L601029-10	WG618255
Bromodichloromethane	mg/kg	0.0192	0.0207	76.8	48-134	7.29	20	L601029-10	WG618255
Bromoform	mg/kg	0.0178	0.0185	71.1	34-141	3.81	24	L601029-10	WG618255
Bromomethane	mg/kg	0.0226	0.0238	90.3	19-173	5.32	25	L601029-10	WG618255
Carbon tetrachloride	mg/kg	0.0158	0.0174	63.2	36-140	9.71	26	L601029-10	WG618255
Chlorobenzene	mg/kg	0.0148	0.0170	59.4	42-133	13.3	24	L601029-10	WG618255
Chlorodibromomethane	mg/kg	0.0195	0.0209	78.1	45-135	6.59	23	L601029-10	WG618255
Chloroethane	mg/kg	0.0220	0.0231	87.8	16-178	5.00	25	L601029-10	WG618255
Chloroform	mg/kg	0.0188	0.0200	75.0	52-130	6.48	21	L601029-10	WG618255
Chloromethane	mg/kg	0.0186	0.0187	74.5	28-147	0.640	23	L601029-10	WG618255
cis-1,2-Dichloroethene	mg/kg	0.0179	0.0195	71.8	52-128	8.55	21	L601029-10	WG618255
cis-1,3-Dichloropropene	mg/kg	0.0164	0.0180	65.5	46-131	9.48	21	L601029-10	WG618255
Di-isopropyl ether	mg/kg	0.0172	0.0177	68.8	46-134	3.01	20	L601029-10	WG618255
Dibromomethane	mg/kg	0.0193	0.0204	77.4	51-133	5.51	21	L601029-10	WG618255
Dichlorodifluoromethane	mg/kg	0.0208	0.0223	83.4	12-179	6.69	27	L601029-10	WG618255
Ethylbenzene	mg/kg	0.0148	0.0169	59.1	38-139	13.3	27	L601029-10	WG618255
Hexachloro-1,3-butadiene	mg/kg	0.00488	0.00842	19.5	10-147	53.3*	37	L601029-10	WG618255
Isopropylbenzene	mg/kg	0.0120	0.0139	47.9	34-137	14.6	29	L601029-10	WG618255
Methyl tert-butyl ether	mg/kg	0.0190	0.0203	76.0	45-134	6.43	22	L601029-10	WG618255
Methylene Chloride	mg/kg	0.0176	0.0190	70.3	41-133	7.66	28	L601029-10	WG618255
n-Butylbenzene	mg/kg	0.00757	0.0117	30.3	19-149	42.4*	32	L601029-10	WG618255
n-Propylbenzene	mg/kg	0.0109	0.0122	43.5	27-142	11.7	29	L601029-10	WG618255
Naphthalene	mg/kg	0.00771	0.0109	30.9	19-146	34.3*	30	L601029-10	WG618255
p-Isopropyltoluene	mg/kg	0.00853	0.00988	34.1	21-150	14.6	31	L601029-10	WG618255
sec-Butylbenzene	mg/kg	0.00908	0.0105	36.3	25-148	14.3	31	L601029-10	WG618255
Styrene	mg/kg	0.0134	0.0148	53.5	30-156	10.3	26	L601029-10	WG618255
tert-Butylbenzene	mg/kg	0.0107	0.0124	42.8	32-146	14.4	30	L601029-10	WG618255
Toluene	mg/kg	0.0161	0.0182	64.5	43-127	12.2	21	L601029-10	WG618255
trans-1,2-Dichloroethene	mg/kg	0.0161	0.0177	64.3	41-132	9.90	23	L601029-10	WG618255
trans-1,3-Dichloropropene	mg/kg	0.0158	0.0169	63.2	43-129	6.77	23	L601029-10	WG618255
Trichloroethene	mg/kg	0.0165	0.0188	65.9	42-136	13.1	23	L601029-10	WG618255
Trichlorofluoromethane	mg/kg	0.0214	0.0236	85.4	20-178	9.87	30	L601029-10	WG618255
Vinyl chloride	mg/kg	0.0203	0.0208	81.3	30-157	2.57	24	L601029-10	WG618255
Xylenes, Total	mg/kg	0.0431	0.0502	57.5	38-137	15.1	26	L601029-10	WG618255
4-Bromofluorobenzene				94.34	67-133				WG618255
Dibromofluoromethane				95.96	72-135				WG618255
Toluene-d8				95.74	90-113				WG618255
Tetrachloroethene	mg/kg	0.116	0.110	92.6	35-139	5.35	27	L601271-12	WG618433
4-Bromofluorobenzene				108.5	67-133				WG618433

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Dibromofluoromethane				93.05	72-135				
Toluene-d8				99.96	90-113				
Barium	mg/kg	158.	119.	158.*	75-125	28.2*	20	L601386-01	WG618495
Chromium	mg/kg	60.8	61.8	87.6	75-125	1.63	20	L601386-01	WG618495
Arsenic	mg/kg	59.8	60.7	18.7*	75-125	1.49	20	L601386-01	WG618495
Cadmium	mg/kg	47.7	49.2	95.4	75-125	3.10	20	L601386-01	WG618495
Lead	mg/kg	45.2	48.4	18.1*	75-125	6.84	20	L601386-01	WG618495
Silver	mg/kg	50.2	52.0	19.6*	75-125	3.52	20	L601386-01	WG618495
Mercury	mg/kg	0.791	1.59	0*	80-120	67.1*	20	L601029-02	WG618303
Selenium	mg/kg	47.4	48.2	88.6	75-125	1.67	20	L601386-01	WG618495
1,2,4-Trichlorobenzene	mg/kg	0.264	0.242	79.2	27-118	8.57	23	L601386-01	WG618307
2,4,6-Trichlorophenol	mg/kg	0.313	0.276	94.1	18-140	12.5	26	L601386-01	WG618307
2,4-Dichlorophenol	mg/kg	0.288	0.267	86.5	30-134	7.46	23	L601386-01	WG618307
2,4-Dimethylphenol	mg/kg	0.277	0.247	83.3	13-147	11.7	27	L601386-01	WG618307
2,4-Dinitrophenol	mg/kg	0.130	0.120	39.1	10-110	8.15	40	L601386-01	WG618307
2,4-Dinitrotoluene	mg/kg	0.302	0.280	90.7	12-146	7.61	25	L601386-01	WG618307
2,6-Dinitrotoluene	mg/kg	0.301	0.260	90.4	10-150	14.8	23	L601386-01	WG618307
2-Chloronaphthalene	mg/kg	0.288	0.260	86.6	31-127	10.2	23	L601386-01	WG618307
2-Chlorophenol	mg/kg	0.268	0.251	80.3	26-120	6.22	21	L601386-01	WG618307
2-Nitrophenol	mg/kg	0.254	0.245	76.4	10-156	3.96	24	L601386-01	WG618307
3,3-Dichlorobenzidine	mg/kg	0.254	0.239	76.2	10-127	5.98	40	L601386-01	WG618307
4,6-Dinitro-2-methylphenol	mg/kg	0.274	0.241	82.2	10-124	12.8	40	L601386-01	WG618307
4-Bromophenyl-phenylether	mg/kg	0.314	0.262	94.2	27-150	18.0	20	L601386-01	WG618307
4-Chloro-3-methylphenol	mg/kg	0.294	0.262	88.2	24-140	11.5	22	L601386-01	WG618307
4-Chlorophenyl-phenylether	mg/kg	0.293	0.273	87.9	27-142	6.97	21	L601386-01	WG618307
4-Nitrophenol	mg/kg	0.286	0.273	86.0	10-166	4.73	35	L601386-01	WG618307
Acenaphthene	mg/kg	0.280	0.262	84.0	30-132	6.36	21	L601386-01	WG618307
Acenaphthylene	mg/kg	0.301	0.272	90.3	31-144	9.90	24	L601386-01	WG618307
Anthracene	mg/kg	0.298	0.268	89.4	27-140	10.6	20	L601386-01	WG618307
Benzidine	mg/kg	0.0157	0.0166	4.70*	10-55	5.94	36	L601386-01	WG618307
Benzo(a)anthracene	mg/kg	0.297	0.282	89.0	22-139	5.17	22	L601386-01	WG618307
Benzo(a)pyrene	mg/kg	0.312	0.280	93.6	16-148	10.8	21	L601386-01	WG618307
Benzo(b)fluoranthene	mg/kg	0.362	0.331	109.	13-152	9.00	24	L601386-01	WG618307
Benzo(g,h,i)perylene	mg/kg	0.0983	0.101	29.5	10-137	2.69	32	L601386-01	WG618307
Benzo(k)fluoranthene	mg/kg	0.387	0.327	116.	15-152	16.9	22	L601386-01	WG618307
Benzylbutyl phthalate	mg/kg	0.276	0.252	83.0	20-168	9.33	23	L601386-01	WG618307
Bis(2-chloroethoxy)methane	mg/kg	0.267	0.260	80.2	32-141	2.59	20	L601386-01	WG618307
Bis(2-chloroethyl)ether	mg/kg	0.260	0.264	78.1	25-139	1.62	26	L601386-01	WG618307
Bis(2-chloroisopropyl)ether	mg/kg	0.266	0.238	79.9	32-128	11.1	22	L601386-01	WG618307
Bis(2-ethylhexyl)phthalate	mg/kg	0.284	0.264	85.2	20-163	7.07	24	L601386-01	WG618307
Chrysene	mg/kg	0.304	0.288	91.2	20-139	5.20	23	L601386-01	WG618307
Di-n-butyl phthalate	mg/kg	0.294	0.264	88.3	24-149	10.8	24	L601386-01	WG618307
Di-n-octyl phthalate	mg/kg	0.284	0.261	85.1	14-164	8.39	24	L601386-01	WG618307
Dibenz(a,h)anthracene	mg/kg	0.132	0.126	39.7	10-137	5.25	29	L601386-01	WG618307
Diethyl phthalate	mg/kg	0.292	0.268	87.8	28-142	8.78	23	L601386-01	WG618307
Dimethyl phthalate	mg/kg	0.292	0.256	87.7	31-142	13.3	22	L601386-01	WG618307
Fluoranthene	mg/kg	0.302	0.268	90.7	24-145	11.8	29	L601386-01	WG618307
Fluorene	mg/kg	0.289	0.270	86.7	30-138	6.79	22	L601386-01	WG618307
Hexachloro-1,3-butadiene	mg/kg	0.269	0.263	80.9	29-136	2.24	22	L601386-01	WG618307
Hexachlorobenzene	mg/kg	0.274	0.244	82.3	26-136	11.7	20	L601386-01	WG618307
Hexachlorocyclopentadiene	mg/kg	0.254	0.240	76.3	10-124	5.57	33	L601386-01	WG618307
Hexachloroethane	mg/kg	0.260	0.245	78.0	21-107	5.66	27	L601386-01	WG618307
Indeno(1,2,3-cd)pyrene	mg/kg	0.130	0.126	38.9	10-139	2.69	32	L601386-01	WG618307

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Quality Assurance Report
Level II

L601053

October 23, 2012

Analyte	Units	Matrix Spike MSD	Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Isophorone	mg/kg	0.230	0.207	69.0	26-134	10.3	20	L601386-01	WG618307
n-Nitrosodi-n-propylamine	mg/kg	0.267	0.265	80.2	24-141	0.605	20	L601386-01	WG618307
n-Nitrosodimethylamine	mg/kg	0.238	0.207	71.6	18-126	13.9	27	L601386-01	WG618307
n-Nitrosodiphenylamine	mg/kg	0.278	0.265	83.5	16-128	4.80	25	L601386-01	WG618307
Naphthalene	mg/kg	0.257	0.242	77.1	31-124	5.69	25	L601386-01	WG618307
Nitrobenzene	mg/kg	0.266	0.258	79.9	22-122	2.89	20	L601386-01	WG618307
Pentachlorophenol	mg/kg	0.335	0.295	101.	10-124	12.7	34	L601386-01	WG618307
Phenanthrene	mg/kg	0.294	0.270	88.2	25-139	8.32	25	L601386-01	WG618307
Phenol	mg/kg	0.262	0.246	78.8	22-129	6.60	25	L601386-01	WG618307
Pyrene	mg/kg	0.254	0.233	76.2	23-145	8.78	30	L601386-01	WG618307
2,4,6-Tribromophenol				95.08	16-136				WG618307
2-Fluorobiphenyl				88.36	37-119				WG618307
2-Fluorophenol				56.83	22-114				WG618307
Nitrobenzene-d5				82.64	20-114				WG618307
Phenol-d5				79.15	26-127				WG618307
p-Terphenyl-d14				68.62	15-174				WG618307
TPH (GC/FID) High Fraction	mg/kg	44.2	34.7	73.7	50-150	24.1*	20	L601087-02	WG618310
o-Terphenyl				78.44	50-150				WG618310

Batch number /Run number / Sample number cross reference

WG618255: R2395338: L601053-01
WG618288: R2396360: L601053-01
WG618433: R2396997: L601053-01
WG618307: R2398197: L601053-01
WG618495: R2398357: L601053-01
WG618303: R2398757: L601053-01
WG618310: R2398938: L601053-01

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

12065 Lebanon Rd.
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Est. 1970

EnviroTech- NM
Toni Mckinght
5796 US. Highway 64

Farmington, NM 87401

Quality Assurance Report
Level II

L601053

October 23, 2012

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

5770

Chain of Custody Page 1 of 1

Company Name/Address:	Alternate billing information:	Analysis/Container/Preservative
EnviroTech- NM 5796 US. Highway 64 Farmington.NM 87401		

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
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Report to: Toni McKnight	Email to: tmcknight@envirotech-inc.com		
Project Description: CIP	City/State Collected: Farmington, NM		
Phone: (505) 632-0615 FAX:	Client Project #: 92245-0013	ESC Key:	
Collected by: Benny Kling	Site/Facility ID#:	P.O.#: 20690	

Collected by (signature):

Immediately Packed on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed:

Email? __No__Yes
FAX? __No__Yes

CoCode: ENVIRONM (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC 8260	TPH 8015 (DRO/GRO/MRO)	Total RCRA Metals	Semi-Vol 8270 Full List	Remarks/Contaminant	Sample # (lab only)
CIP #2		SS		10/11/12	2:20pm	2	X	X	X	X		LG01053-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) Toni McKnight	Date: 10/15/12	Time: 15:30	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: OK (lab use only)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.9	Bottles Received: 2	CoC Seals Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-16-12	Time: 0900	pH Checked: NCF:

505-632-1865

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CIP INC