

1703 W. Industrial Ave.
Midland, Texas 79701
(432) 686-8081

TETRA TECH, INC.

October 31, 2007

Mr. Gerry Guye
New Mexico Oil Conservation Division
1301 W. Grand Ave
Artesia, NM 88210

Mr. Paul Evans
U.S. Bureau of Land Management
602 E. Greene St.
Carlsbad, NM 88220

RE: Grayburg Deep 10 Battery
Crude Oil and Produced Water Release Site
Eddy County, New Mexico
Unit C, Sec. 19, T17S, R30E
API 30-015-25796
Request for Closure

Dear Gentlemen:

On behalf of ConocoPhillips, Tetra Tech, Inc. (Tetra Tech) is submitting this report describing actions taken to remediate soils at ConocoPhillips' Grayburg Deep Unit 10 Battery mixed crude oil and produced water release site (Site; Figure 1). This work is in support of ConocoPhillips' efforts to restore the area that was affected by the release of 115 barrels of mixed crude oil/produced water into an unlined 35 x 55 foot bermed catch basin (C141 attached; Figure 2). The Site is located approximately 2 miles west of Loco Hills in Eddy County, New Mexico (32° 49.514698N, 104° 0.71802W). The Bureau of Land Management is the land administrator.

BACKGROUND

The Site is located immediately north of the western portion of the Delaware Basin. The area is underlain by Guadalupian age formations, which contains a thick sequence of sandstones, shales, siltstone, and evaporites¹. In the immediate vicinity of the Site, topography is nearly level to moderately undulating. The Simona Series soil at the Site is calcareous sand overlying fractured indurated caliche.²

Depth to water in the vicinity of the Site is estimated at over 100 feet below ground surface (fbgs). This interpretation is based potentiometric surface contours (330 fbgs) described by Hiss¹ for aquifer systems in northern Eddy County. The New Mexico Office of State Engineer's database and the United States Geological Survey's database^{3,4} did not yield depth to groundwater information for this area. The U.S. Geological Survey, 1955 topographic map, 1:24,000 scale, entitled "Red Lake SE New Mexico" identifies a windmill approximately 3.3 miles

¹ Hiss, W.L. 1980. Movement of Ground Water in Permian Guadalupian Aquifer Systems, Southeastern New Mexico and Western Texas. In New Mexico Geological Society 31st Field Conference publication entitled "Trans-Pecos Region Southeastern New Mexico and West Texas." Pp 289 – 294.

² U.S. Department of Agriculture, Natural Resources Conservation Services. Webb Soil Survey Database.

³ New Mexico Office of State Engineer. W.A.T.E.R.S. Database.

⁴ United States Geological Survey. Groundwater Levels for the Nation Database.

west of the Site. No information is available on the depth of water at this location. The nearest surface water body is a playa, located approximately 1,950 feet southeast of the Site.

As indicated in Tetra Tech's Finding Report, submitted to both agencies on October 5, 2007, the assigned ranking score is as follows [As per the subsurface site assessment characterization protocol outlined in New Mexico Oil Conservation Division's (NMOCD) "Guidelines for Remediation of Leaks, Spills and Releases," dated August 13, 1993]:

<u>Criteria</u>	<u>Ranking Score</u>
Depth to groundwater	>100 feet 0
Distance from water source	>1,000 feet 0
Distance from domestic water source	>200 feet 0
Distance from surface water body	>1,000 feet 0
<i>Total Ranking Score</i>	0

The remediation action level for a ranking score of 0 is 10 parts per million (ppm) for benzene, 50 ppm for total benzene, toluene, ethylbenzene and total xylenes (BTEX), and 5,000 ppm for total petroleum hydrocarbons (TPH).

SCOPE OF WORK

Excavation activities were conducted at the Site from October 16 through October 19, 2007. The work plan included:

1. Soil in the area was excavated to remove the most highly affected soils. This soil was hauled to a State approved disposal facility.
2. The excavated area was TPH field screened using a PetroFLAG System⁵ and field soil vapor headspace analyzed using a Photo-Ionization Detector (PID) to determine that remediation levels had been achieved. Field tests using chloride and electrical conductivity (EC) field screened techniques^{6,7} were also used to find the vertical and lateral clean boundary of the release area.
3. Confirmation soil samples were collected from the excavation in a "W" pattern, composited into one sample for each sidewall and floor. The composite samples (5) were submitted to a laboratory for chloride (Method 300), BTEX (USEPA Method 8260), Gasoline and diesel range TPH (TPH GRO/DRO, USEPA Method 8015M) and EC (Standard Method 2510B SW-846 Method 9050A) analyses to confirm that affected soils had been removed.

⁵ U.S. Environmental Protection Agency, 2001. Innovative Technology Verification Report, Dexsil Corporation PetroFLAG System. Prepared by Tetra Tech EM Inc. for USEPA National Exposure Research Laboratory Office of Research and Development. EPA/R-01/092.

⁶ U.S. Environmental Protection Agency Grant No. R827015-01-1. IPEC Guidelines for Remediation of Small Brine Spills, January 12, 2004. Univ. of Tulsa, OK.

⁷ Conner, J.A. and C.J. Newell. 2004. Strategies for Addressing Oil Field Brine Releases to Plants, Soil and Groundwater. Publ. No. 4758, American Petroleum Institute, Washington D.C. p 25.

4. Clean backfill was placed into an irregular shaped excavation with depths ranging from approximately 4 to 14-feet. Photographs were taken to document the excavation at the Site (Appendix A - Photographs).

FINDINGS

The soils encountered during excavation activities at the Site consisted of mostly grayish loamy sandy soils at 0 – 3 fbs. The sub-soil was whitish caliche about two feet thick. The underlying unit was loamy brown sand interbedded with caliche.

A summary of field screening data and laboratory soil analytical data are presented in Table 1. A complete analytical report is presented in Appendix B.

Confirmation analysis for TPH and chlorides are presented in Table 1. TPH concentration levels were below remediation guidelines (5,000 ppm) in the composite samples from the pit floor and side walls. Benzene was not detected and BTEX was below remediation guidelines (50 ppm). Chloride levels ranged from 18 – 176 mg/Kg.

Table 1
ConocoPhillips
Grayburg Deep Unit 10 Battery
Eddy County, New Mexico
Soil Excavation Results
October 17-18, 2007

Constituents		Units	Sampling Locations				
			South Wall	West Wall	East Wall	North Wall	Floor
Field Screening	TPH	(ppm)	84	282	317	94	0.0
	VOC	(ppm)	0.0	0.0	0.0	0.0	0.0
	EC	(μ S/cm)	120	570	440		50
	Chloride	(ppm)	50	200	100		50
Laboratory Analyses	TPH	GRO (mg/Kg)	ND	ND	73.4	1.5	1.48
	DRO	(mg/Kg)	8.3	22.0	210.0	42.0	13.0
	Benzene	(mg/Kg)	ND	ND	ND	ND	ND
	Ethylbenzene	(mg/Kg)	ND	ND	ND	ND	ND
	Toluene	(mg/Kg)	ND	ND	ND	ND	ND
	Xylenes Total	(mg/Kg)	ND	ND	0.0194	ND	ND
	EC	(μ mhos/cm)	243.0	962.0	738.0	227.0	352.0
	Chloride	(mg/Kg)	18.0	164.0	176.0	36.7	57.8

TPH = Total petroleum hydrocarbons

ppm = Parts per million

VOC = Volatile organic compounds

μ S/cm = microSiemens per centimeter

EC = Electrical conductivity

μ mhos/cm = micro-ohms per centimeter

GRO = Gasoline range hydrocarbons

mg/Kg = Milligrams per kilogram

DRO = Diesel range hydrocarbons

blank = No data

ND = Not detected at or above laboratory level of detection

CONCLUSIONS

Approximately 405 cubic yards of soil were removed from the Grayburg Deep Unit 10 Battery mixed crude oil/produced water release site and hauled to CRI-Midway for disposal. Clean material was returned from CRI-Midway and was used as backfill.

Through literature review and inspection of the iWater database, depth to groundwater was estimated to be over 100 fbgs at the Site.

RECOMMENDATIONS

Based on the work performed at this Site, Tetra Tech recommends no further action. Upon your review and approval of this report, Tetra Tech on behalf of ConocoPhillips, requests closure for this mixed crude oil/produced water release location. If you have any questions or need additional information, please call Mr. Jesse Sosa (ConocoPhillips, 505-391-3126) or me.

Sincerely,

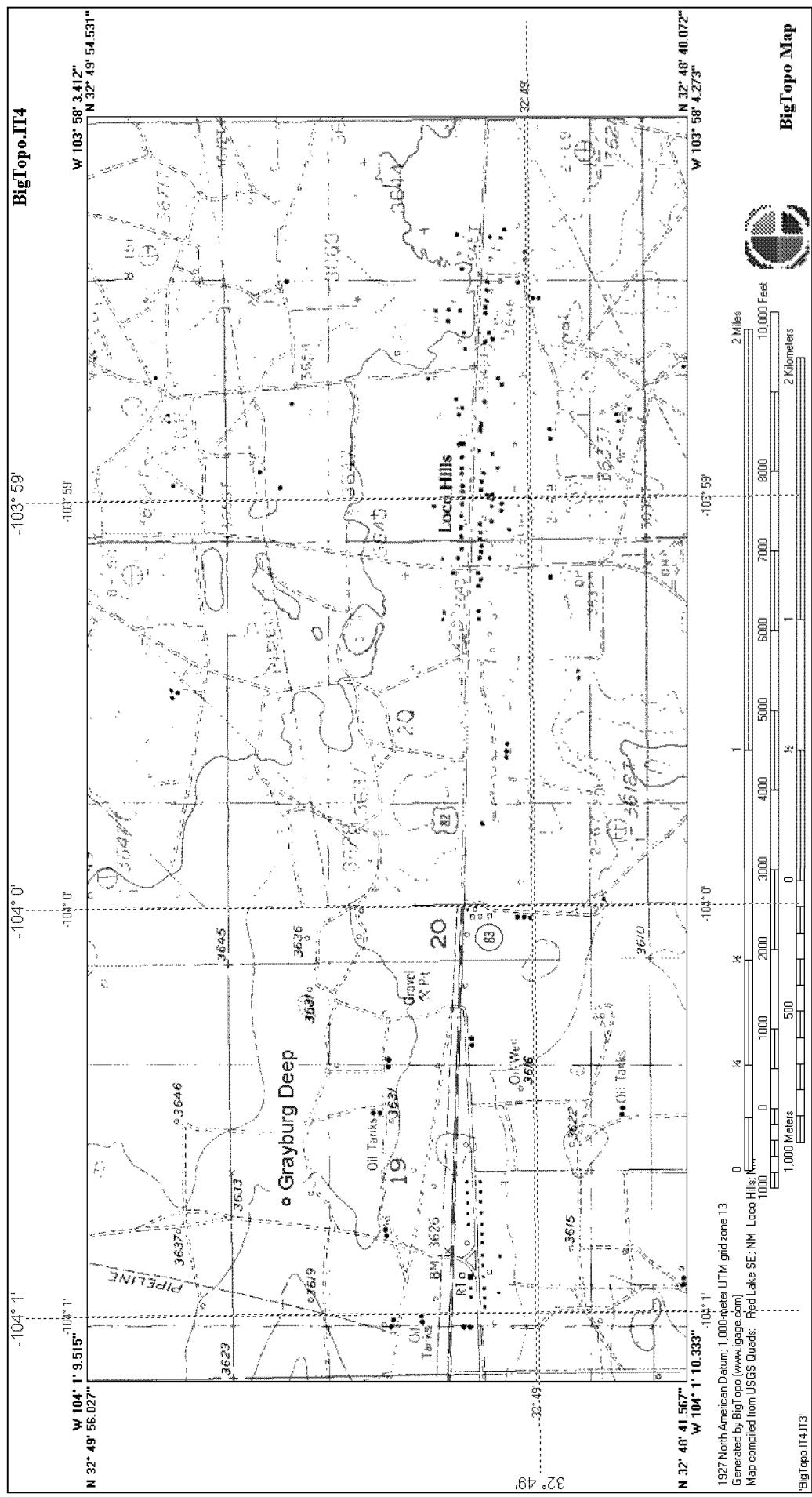
Greg W.
Pope

Digitally signed by Greg W. Pope
DN: CN = Greg W. Pope, C =
US, O = Maxim Technologies
Reason: I am approving this
document
Date: 2007-10-30 17:03:16 -
05'00'

Tetra Tech, Inc.

Greg W. Pope, P.G.
Project Manager

Cc. Mr. Jesse Sosa, ConocoPhillips

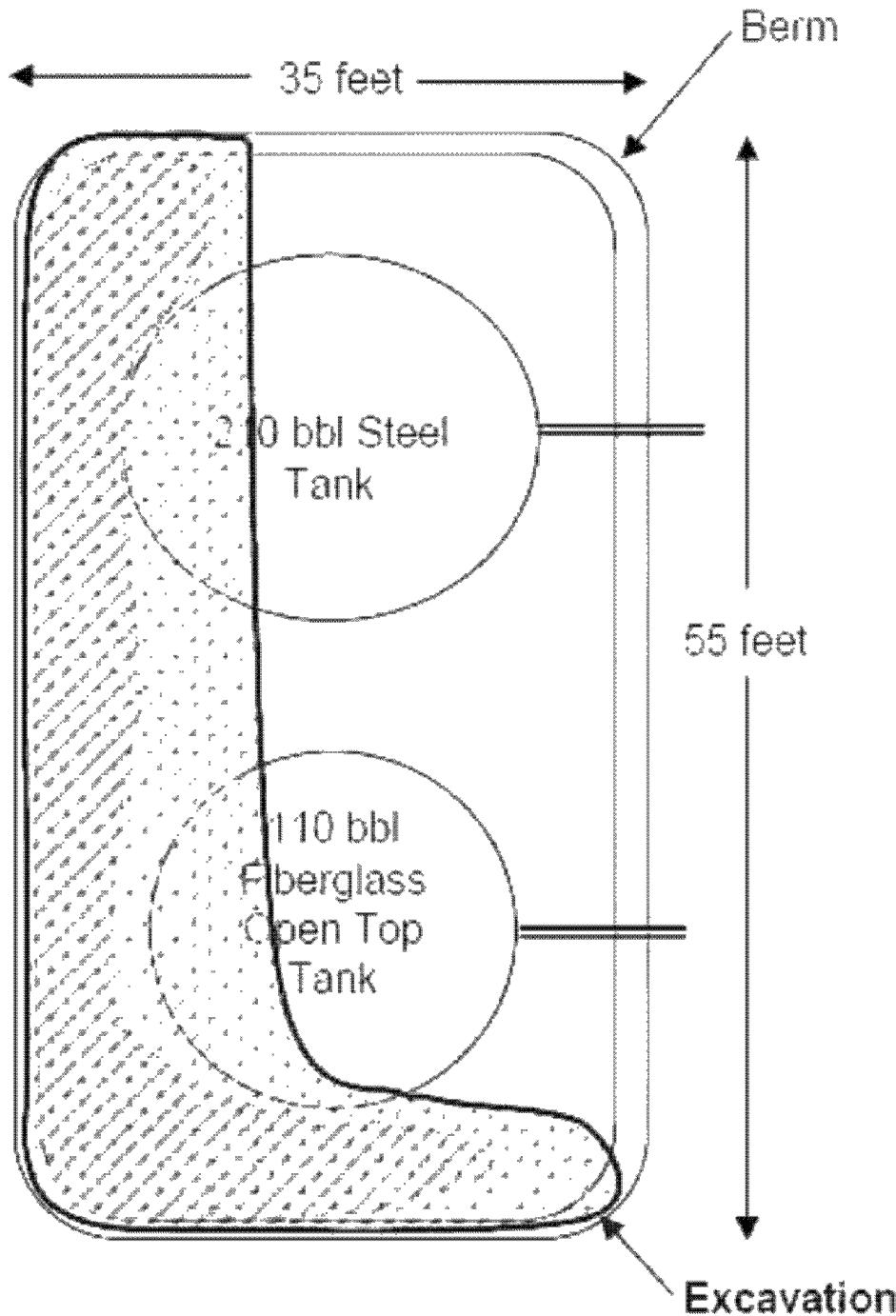


ETRATech, Inc.



Grayburg Unit
ConocoPhillips

Figure 1. Grayburg Deep Unit 10 Battery Crude Oil/ Produced Water Release Site.



No Scale

 TETRA TECH, INC.	
ConocoPhillips	Grayburg Unit
Figure2. Foot Print and Excavation of Crude Oil/Produced Water Release at Grayburg Deep Unit 10 Battery.	

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

ATTACHMENT 1

Form C-141
Revised October 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

30-015-25796

OPERATOR

Initial Report

Final Report

Name of Company ConocoPhillips Company	Contact Jesse A. Sosa
Address 3300 N. "A" St., Bldg. 6 #247 Midland, TX 79705-5	Telephone No. (505)391-3126
Facility Name Grayburg Deep Unit Well #10	Facility Type Gas Well

Surface Owner BLM	Mineral Owner BLM	Lease No. LC028793A
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LOCATION OF RELEASE

Unit Letter C	Section 19	Township 17S	Range 30E	Feet from the 660	North/South Line North	Feet from the 2480	East/West Line West	County Eddy
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Latitude 32.49512 Longitude 104.00718

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 115	Volume Recovered 0
Source of Release 3 inch bullplug on tank	Date and Hour of Occurrence am 6/29/07	and Hour of Discovery 9am 7/2/07
Was Immediate Notice Given?	If YES, To Whom? Jim Amos (BLM) & Mike Bratser (NMOCD)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required
By Whom? Jesse Sosa	Date and Hour 2 pm 07/02/2007	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If a Watercourse was Impacted, Describe Fully.*		

If a Watercourse was Impacted, Describe Fully.*

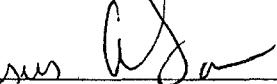
Describe Cause of Problem and Remedial Action Taken.*

While making rounds MSO found contaminated area around tank. Contamination was caused by all fluids emptying out of tank due to half inch hole in 3 inch bullplug caused by internal corrosion. MSO had last checked location on Friday June 29, 2007 and fluid was still in tank.

Describe Area Affected and Cleanup Action Taken.*

HSE arrived on location and measured spill size affected area of 9 ft X 84 ft, all was inside diked and fenced area. Area will be delineated to determine necessary clean up actions.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jesse A. Sosa	Approved by District Supervisor: 	
Title: HSER Lead	Approval Date: AUG 7 2007	Expiration Date: 9-07-07
E-mail Address: Jesse.A.Sosa@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07/02/2007	Phone: (505)391-3126	Work Plan on file

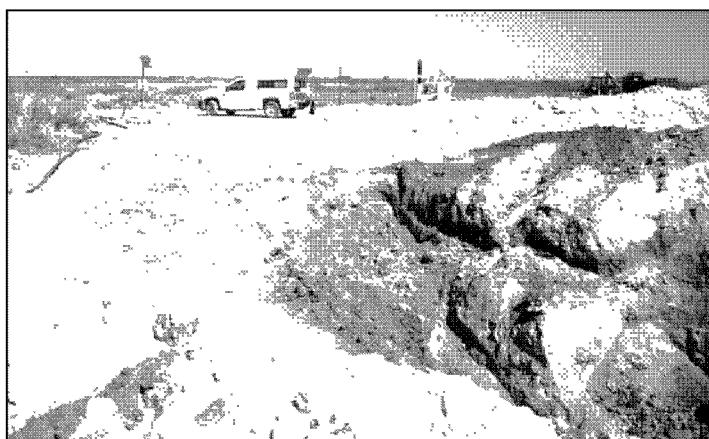
* Attach Additional Sheets If Necessary

APPENDIX A

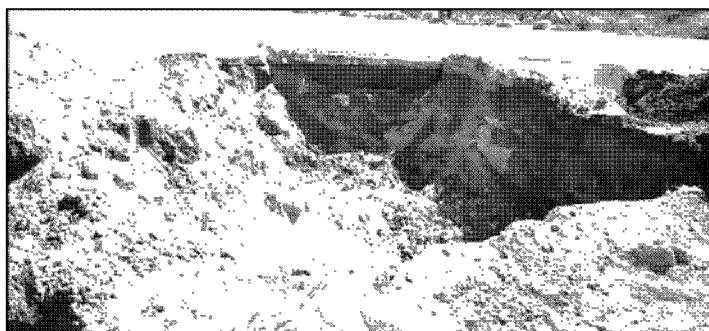
PHOTOGRAPHS



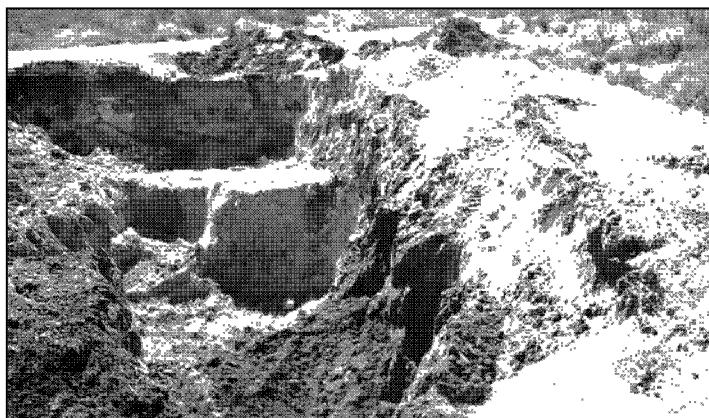
Location



View North, Northeast
North and East Walls



View South, Southeast
East and South Walls



View South
South and West Walls

APPENDIX B

LABORATORY ANALYSIS

STL

ANALYTICAL REPORT

JOB NUMBER: 340846
Project ID: CONOCO PHILLIPS

Prepared For:

Tetra Tech-Maxim Technologies, Inc.
1703 West Industrial
Midland, TX 79701

Attention: Charlie Durret

Date: 08/29/2007



Signature

Name: Sachin G. Kudchadkar

Title: Project Manager III

E-Mail: skudchadkar@stl-inc.com



Date

TestAmerica Laboratories, Inc
6310 Rothway Drive
Houston, TX 77040

PHONE: 713-690-4444

TOTAL NO. OF PAGES

37

STL

08/29/2007

Charlie Durret
Tetra Tech-Maxim Technologies, Inc.
1703 West Industrial
Midland, TX 79701

Reference:

Project : CONOCO PHILLIPS
Project No. : 340846
Date Received : 08/20/2007
TestAmerica Job : 340846

Dear Charlie Durret:

Enclosed are the analytical results for your project referenced above. The following samples are included in the report.

1. GB1 5FT
2. GB1 10FT
3. GB2 5FT
4. GB2 10FT
5. GB3 5FT
6. GB3 10FT
7. GB4 5FT
8. GB4 15FT
9. GB5 5FT
10. GB5 10FT
11. TRIP BLANK

All holding times were met for the tests performed on these samples.

Enclosed, please find the Quality Control Summary. All quality control results for the QC batch that are applicable to the sample(s) are acceptable except as noted in the QC batch reports.

The test results in this report meet all QC requirements for TestAmerica Houston's QC limits. Any exceptions to these QC requirements will be noted and included in a case narrative as a part of this report.

If the report is acceptable, please approve the enclosed invoice and forward it for payment.

Thank you for selecting TestAmerica to serve as your analytical laboratory on this project. If you have any questions concerning these results, please feel free to contact me at any time.

We look forward to working with you on future projects.

Sincerely,



Sachin G. Kudchadkar

S A M P L E I N F O R M A T I O N
Date: 08/29/2007

Job Number.: 340846
Customer...: Tetra Tech-Maxim Technologies, Inc.
Attn.....: Charlie Durret

Project Number.....: 99003817
Customer Project ID....: CONOCO PHILLIPS
Project Description....: Conoco Phillips

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
340846-1	GB1 5FT	Soil	08/15/2007	08:30	08/20/2007	09:48
340846-2	GB1 10FT	Soil	08/15/2007	08:40	08/20/2007	09:48
340846-3	GB2 5FT	Soil	08/15/2007	09:15	08/20/2007	09:48
340846-4	GB2 10FT	Soil	08/15/2007	09:30	08/20/2007	09:48
340846-5	GB3 5FT	Soil	08/15/2007	10:00	08/20/2007	09:48
340846-6	GB3 10FT	Soil	08/15/2007	10:25	08/20/2007	09:48
340846-7	GB4 5FT	Soil	08/15/2007	11:15	08/20/2007	09:48
340846-8	GB4 15FT	Soil	08/15/2007	11:40	08/20/2007	09:48
340846-9	GB5 5FT	Soil	08/15/2007	12:40	08/20/2007	09:48
340846-10	GB5 10FT	Soil	08/15/2007	12:55	08/20/2007	09:48
340846-11	TRIP BLANK	Trip Blank	08/15/2007	00:00	08/20/2007	09:48

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB1 5FT Date Sampled.....: 08/15/2007 Time Sampled.....: 08:30 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-1 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	309		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	83.8		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	16.2		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	19.0		4.8	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1193.81	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.9	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 18	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB1 10FT Date Sampled.....: 08/15/2007 Time Sampled.....: 08:40 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-2 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	1590		1.1	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	87.3		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	12.7		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	26.3		4.6	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1145.13	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.5	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 17	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GR2 5FT Date Sampled.....: 08/15/2007 Time Sampled.....: 09:15 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-3 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	211		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	84.3		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	15.7		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	14.5		4.7	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1185.98	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.8	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 18	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GR2 10FT Date Sampled.....: 08/15/2007 Time Sampled.....: 09:30 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-4 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	1670		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	85.3		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	14.7		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	18.0		4.7	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1171.89	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.7	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 18	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB3 5FT Date Sampled.....: 08/15/2007 Time Sampled.....: 10:00 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-5 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	318		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	83.7		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	16.3		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	32.5		4.8	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1194.93	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.9	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 18	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB3 10FT Date Sampled.....: 08/15/2007 Time Sampled.....: 10:25 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-6 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	816		1.1	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	90.9		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	9.08		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	73.6		4.4	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1099.85	ug/Kg	08/23/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.1	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		5 5 5 16	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB4 5FT Date Sampled.....: 08/15/2007 Time Sampled.....: 11:15 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-7 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	24600		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	81.8		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	18.2		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	10100		490	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	1090000		305548	ug/Kg	08/24/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	1300		100	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND 690 228 4480		6 60 6 180	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/23/07 08/22/07 08/23/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

LABORATORY TEST RESULTS							
Job Number: 340846						Date: 08/29/2007	
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.		PROJECT: CONOCO PHILLIPS				ATTN: Charlie Durret	
Customer Sample ID: GB4 15FT Date Sampled.....: 08/15/2007 Time Sampled.....: 11:40 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-8 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 REV2.	Ion Chromatography Analysis Chloride, SPLP	14.9		5.0	mg/L	08/22/07	sur
SW-846 8260B	Volatile Organics Benzene, SPLP Ethylbenzene, SPLP Toluene, SPLP Xylenes (total), SPLP	ND ND ND ND		5 5 5 15	ug/L ug/L ug/L ug/L	08/28/07 08/28/07 08/28/07 08/28/07	ydy ydy ydy ydy
EPA 120.1	Specific Conductivity @ 25 degrees C, So*1	1310		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	86.3		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	13.7		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	322		4.6	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVEPH as GRO, Soil*	3570		1159.06	ug/Kg	08/23/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	38		9.6	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 17	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl
SW-846 1312	Zero Head Space (ZHS) Extraction, Solid*	Complete			mL	08/28/07	twr

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB5 5FT Date Sampled.....: 08/15/2007 Time Sampled.....: 12:40 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-9 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	312		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	86.5		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	13.5		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	33.9		4.6	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1156.71	ug/Kg	08/23/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.6	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 17	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S							
Job Number: 340846						Date: 08/29/2007	
C U S T O M E R : Tetra Tech-Maxim Technologies, Inc.			P R O J E C T : C O N O C O P H I L L I P S			A T T N : Charlie Durret	
Customer Sample ID: GB5 10FT Date Sampled.....: 08/15/2007 Time Sampled.....: 12:55 Sample Matrix.....: Soil				Laboratory Sample ID: 340846-10 Date Received.....: 08/20/2007 Time Received.....: 09:48			
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
EPA 120.1	Specific Conductivity @ 25 degrees C, So*	538		1.2	* umhos/cm	08/23/07	sur
SM-2540 G Mod.	% Solids, Soil	83.7		0.01	%	08/20/07	enc
SM-2540 G Mod.	Moisture, Soil	16.3		0.01	%	08/20/07	enc
SW-846 9056	Chloride, Soil*	82.1		4.8	mg/Kg	08/25/07	sur
SW-846 8015B	Total Volatile Petroleum Hydrocarbons TVPH as GRO, Soil*	ND		1194.58	ug/Kg	08/22/07	cad
SW-846 3550B	Extraction (Ultrasonic) DRO Ultrasonic Extraction, Soil*	Complete				08/22/07	mra
SW-846 8015B	Total Extractable Petroleum Hydrocarbons TEPH - as Diesel, Soil*	ND		9.9	mg/Kg	08/24/07	jps
SW-846 8260B	Volatile Organics Benzene, Soil* Ethylbenzene, Soil* Toluene, Soil* Xylenes (total), Soil*	ND ND ND ND		6 6 6 18	ug/Kg ug/Kg ug/Kg ug/Kg	08/22/07 08/22/07 08/22/07 08/22/07	zfl zfl zfl zfl

* In Description = Dry Wgt.

QUALITY CONTROL RESULTS											
Job Number.: 340846				Report Date.: 08/29/2007							
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.				PROJECT: CONOCO PHILLIPS				ATTN: Charlie Durret			
Test Method.....: SM-2540 G Mod. Method Description.: Moisture (Total + Fixed Solids, Ash) Parameter.....: % Solids							Analyst...: enc Test Code.: %SOLID Batch(s)...: 183865				
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
DU	340846-10		83.7112			83.7112	0.0	10.0		08/20/2007	1630
MB	183865--21		0.0000							08/20/2007	1630
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Bromide (Br)							Analyst...: sur Test Code.: BRO Batch(s)...: 184204				
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV	WCS46049		18.873		20.00		94.4	90.0-110.		08/25/2007	1350
ICB			0							08/25/2007	1405
MB	184204--21		0							08/25/2007	1421
LCS	184204--21	WCS46049	18.711		20.00		93.6	90.0-110.		08/25/2007	1437
CCV	WCS46049		18.591		20.00		93.0	90.0-110.		08/25/2007	1642
CCB			0							08/25/2007	1657
CCV	WCS46049		18.787		20.00		93.9	90.0-110.		08/25/2007	1934
CCB			0							08/25/2007	1949
DU	341059-1		0			0	0	1		08/25/2007	2052
MS	341059-1	WCS45524	8.9868		10.000000	0	89.9	90-110 A		08/25/2007	2107
CCV	WCS46049		18.730		20.00		93.7	90.0-110.		08/25/2007	2225
CCB			0							08/25/2007	2241
CCV	WCS46049		18.727		20.00		93.6	90.0-110.		08/26/2007	0133
CCB			0							08/26/2007	0148
MB	184204--21		0							08/26/2007	0204
LCS	184204--21	WCS46049	18.760		20.00		93.8	90.0-110.		08/26/2007	0220
CCV	WCS46049		18.690		20.00		93.5	90.0-110.		08/26/2007	0322
CCB			0							08/26/2007	0338
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Chloride							Analyst...: sur Test Code.: CHL Batch(s)...: 184204				
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV	WCS46049		19.255		20.00		96.3	90.0-110.		08/25/2007	1350
ICB			0.3311							08/25/2007	1405
MB	184204--21		0.3106							08/25/2007	1421
LCS	184204--21	WCS46049	19.163		20.00		95.8	90.0-110.		08/25/2007	1437
DU	340846-2		0.4175			0.4125	0.0050	0.5000		08/25/2007	1539
MS	340846-2	WCS45524	9.0156		10.000000	0.4125	86.0	90-110 A		08/25/2007	1555
CCV	WCS46049		18.907		20.00		94.5	90.0-110.		08/25/2007	1642
CCB			0.3220							08/25/2007	1657
CCV	WCS46049		18.902		20.00		94.5	90.0-110.		08/25/2007	1934
CCB			0.3267							08/25/2007	1949
DU	341059-1		1.0043			1.0160	0.0117	0.5000		08/25/2007	2052
MS	341059-1	WCS45524	9.8536		10.000000	1.0160	88.4	90-110 A		08/25/2007	2107
CCV	WCS46049		19.053		20.00		95.3	90.0-110.		08/25/2007	2225
CCB			0.3149							08/25/2007	2241
CCV	WCS46049		19.054		20.00		95.3	90.0-110.		08/26/2007	0133
CCB			0.3310							08/26/2007	0148
MB	184204--21		0.3210							08/26/2007	0204

QUALITY CONTROL RESULTS											
Job Number.: 340846					Report Date.: 08/29/2007						
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS			ATTN: Charlie Durret					
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Chloride					Units.....: mg/L Batch(s)....: 184204					Analyst...: sur Test Code.: CHL	
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
LCS	184204--21	WCS46049	19.088		20.00		95.4	90.0-110.		08/26/2007	0220
CCV		WCS46049	19.113		20.00		95.6	90.0-110.		08/26/2007	0322
CCB			0.3409							08/26/2007	0338
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Fluoride (F)					Units.....: mg/L Batch(s)....: 184204					Analyst...: sur Test Code.: FL	
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV		WCS46049	10.284		10.00		102.8	90.0-110.		08/25/2007	1350
ICB			0							08/25/2007	1405
MB	184204--21		0							08/25/2007	1421
LCS	184204--21	WCS46049	10.637		10.00		106.4	90.0-110.		08/25/2007	1437
CCV		WCS46049	10.511		10.00		105.1	90.0-110.		08/25/2007	1642
CCB			0							08/25/2007	1657
CCV		WCS46049	10.499		10.00		105.0	90.0-110.		08/25/2007	1934
CCB			0							08/25/2007	1949
DU	341059-1		0			0	0	0		08/25/2007	2052
MS	341059-1	WCS45524	2.0529		2.000000	0	102.6	90-110		08/25/2007	2107
CCV		WCS46049	10.776		10.00		107.8	90.0-110.		08/25/2007	2225
CCB			0							08/25/2007	2241
CCV		WCS46049	10.772		10.00		107.7	90.0-110.		08/26/2007	0133
CCB			0							08/26/2007	0148
MB	184204--21		0							08/26/2007	0204
LCS	184204--21	WCS46049	10.764		10.00		107.6	90.0-110.		08/26/2007	0220
CCV		WCS46049	10.875		10.00		108.8	90.0-110.		08/26/2007	0322
CCB			0							08/26/2007	0338
Test Method.....: SM-2540 G Mod. Method Description.: Moisture (Total + Fixed Solids, Ash) Parameter.....: Moisture					Units.....: % Batch(s)....: 183865					Analyst...: enc Test Code.: MOIST	
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
DU	340846-10		16.2888			16.2888	0.0	10.0		08/20/2007	1630
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Nitrogen, Nitrate as N (NO3-N)					Units.....: mg/L Batch(s)....: 184204					Analyst...: sur Test Code.: NO3	
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV		WCS46049	9.4200		10.0		94.2	90.0-110.		08/25/2007	1350
ICB			0							08/25/2007	1405
MB	184204--21		0							08/25/2007	1421
LCS	184204--21	WCS46049	9.3237		10.0		93.2	90.0-110.		08/25/2007	1437
CCV		WCS46049	9.2922		10.0		92.9	90.0-110.		08/25/2007	1642
CCB			0							08/25/2007	1657
CCV		WCS46049	9.2666		10.0		92.7	90.0-110.		08/25/2007	1934

QUALITY CONTROL RESULTS											
Job Number.: 340846				Report Date.: 08/29/2007							
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.				PROJECT: CONOCO PHILLIPS				ATTN: Charlie Durret			
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Nitrogen, Nitrate as N (NO3-N)					Units.....: mg/L Batch(s)....: 184204			Analyst...: sur Test Code.: NO3			
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
CCB			0							08/25/2007	1949
DU	341059-1		0.7067			0.6963	0.0104	0.2500		08/25/2007	2052
MS	341059-1	WCS45524	2.4092		2.000000	0.6963	85.6	90-110	A	08/25/2007	2107
CCV		WCS46049	9.3010		10.0		93.0	90.0-110.		08/25/2007	2225
CCB			0							08/25/2007	2241
CCV		WCS46049	9.3092		10.0		93.1	90.0-110.		08/26/2007	0133
CCB			0							08/26/2007	0148
MB	184204--21		0							08/26/2007	0204
LCS	184204--21	WCS46049	9.3277		10.0		93.3	90.0-110.		08/26/2007	0220
CCV		WCS46049	9.3234		10.0		93.2	90.0-110.		08/26/2007	0322
CCB			0							08/26/2007	0338
Test Method.....: SW-846 9056 Method Description.: Ion Chromatography Analysis Parameter.....: Nitrogen, Nitrite as N (NO2-N)					Units.....: mg/L Batch(s)....: 184204			Analyst...: sur Test Code.: NO2			
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV		WCS46049	10.496		10.0		105.0	90.0-110.		08/25/2007	1350
ICB			0							08/25/2007	1405
MB	184204--21		0							08/25/2007	1421
LCS	184204--21	WCS46049	10.380		10.0		103.8	90.0-110.		08/25/2007	1437
CCV		WCS46049	10.278		10.0		102.8	90.0-110.		08/25/2007	1642
CCB			0							08/25/2007	1657
CCV		WCS46049	10.261		10.0		102.6	90.0-110.		08/25/2007	1934
CCB			0							08/25/2007	1949
DU	341059-1		0			0	0	0		08/25/2007	2052
MS	341059-1	WCS45524	1.8726		2.000000	0	93.6	90-110		08/25/2007	2107
CCV		WCS46049	10.339		10.0		103.4	90.0-110.		08/25/2007	2225
CCB			0							08/25/2007	2241
CCV		WCS46049	10.325		10.0		103.2	90.0-110.		08/26/2007	0133
CCB			0							08/26/2007	0148
MB	184204--21		0							08/26/2007	0204
LCS	184204--21	WCS46049	10.347		10.0		103.5	90.0-110.		08/26/2007	0220
CCV		WCS46049	10.349		10.0		103.5	90.0-110.		08/26/2007	0322
CCB			0							08/26/2007	0338
Test Method.....: EPA 120.1 Method Description.: Specific Conductance @ 25 degrees C Parameter.....: Specific Conductivity @ 25 degrees C					Units.....: umhos/cm Batch(s)....: 184117			Analyst...: sur Test Code.: COND			
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
DU	340993-7		1742			1744	0.1	20		08/23/2007	1845
CCV		WC3753	1045		1000		104.5	90.0-110.		08/23/2007	1845
CCB			0.22							08/23/2007	1845
CCB			0.23							08/23/2007	1845
CCV		WC3910	103.1		100		103.1	90.0-110.		08/23/2007	1845
CCV		WC3910	103.6		100		103.6	90.0-110.		08/23/2007	1845
MS	340846-4	WC3587	1506		100.000000	1421	85.0	75-125		08/23/2007	1845
DU	340846-4		1418			1421	0.2	20		08/23/2007	1845

QUALITY CONTROL RESULTS									
Job Number.: 340846					Report Date.: 08/29/2007				
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.					PROJECT: CONOCO PHILLIPS			ATTN: Charlie Durret	

Test Method.....	EPA 120.1	Analyst...	sur								
Method Description.:	Specific Conductance @ 25 degrees C	Units.....	umhos/cm								
Parameter.....	Specific Conductivity @ 25 degrees C	Batch(s)....	184117								
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
DU	340906-1		459			461	0.4	20		08/23/2007	1845
MS	340906-1	WC3587	557		100.000000	461	96.0	75-125		08/23/2007	1845
LCS	184117--21	WC3754	10.41		10		104.1	90.0-110.		08/23/2007	1845
MB	184117--21		0.28							08/23/2007	1845
MB	184117--21		0.22							08/23/2007	1845
LCS	184117--21	WC3754	10.43		10		104.3	90.0-110.		08/23/2007	1845
CCB			0.23							08/23/2007	1845
CCV		WC3753	1038		1000		103.8	90.0-110.		08/23/2007	1845
CCV		WC3910	103.9		100		103.9	90.0-110.		08/23/2007	1845
MS	340993-7	WC3587	1837		100.000000	1744	93.0	75-125		08/23/2007	1845

Test Method.....	SW-846 9056	Analyst...	sur								
Method Description.:	Ion Chromatography Analysis	Units.....	mg/L								
Parameter.....	Sulfate (SO4)	Batch(s)....	184204								
QC	Lab ID	Reagent	QC Result	QC Result	True Value	Orig. Value	Calc. Result *	Limits	F	Date	Time
ICV		WCS46049	19.603		20.00		98.0	90.0-110.		08/25/2007	1350
ICB			0							08/25/2007	1405
MB	184204--21		0							08/25/2007	1421
LCS	184204--21	WCS46049	19.320		20.00		96.6	90.0-110.		08/25/2007	1437
CCV		WCS46049	19.269		20.00		96.3	90.0-110.		08/25/2007	1642
CCB			0							08/25/2007	1657
CCV		WCS46049	19.236		20.00		96.2	90.0-110.		08/25/2007	1934
CCB			0							08/25/2007	1949
DU	341059-1		0.5181			0.5356	0.0175	0.5000		08/25/2007	2052
MS	341059-1	WCS45524	9.7710		10.000000	0.5356	92.4	90-110		08/25/2007	2107
CCV		WCS46049	19.278		20.00		96.4	90.0-110.		08/25/2007	2225
CCB			0							08/25/2007	2241
CCV		WCS46049	19.392		20.00		97.0	90.0-110.		08/26/2007	0133
CCB			0							08/26/2007	0148
MB	184204--21		0							08/26/2007	0204
LCS	184204--21	WCS46049	19.521		20.00		97.6	90.0-110.		08/26/2007	0220
CCV		WCS46049	19.509		20.00		97.5	90.0-110.		08/26/2007	0322
CCB			0							08/26/2007	0338

QUALITY CONTROL RESULTS						
Job Number.: 340846			Report Date.: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS		ATTN: Charlie Durret	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
Test Method.....: SW-846 8015B Method Description.: Total Volatile Petroleum Hydrocarbons			Units.....: ug/L Batch(s)....: 183999 184165		Analyst...: cad	
LCS	Laboratory Control Sample	BXS082007F	183999-1		08/21/2007	1316
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		294.041		250.000000	117.6	49-151
LCS	Laboratory Control Sample	BXS082007F	183999-2		08/22/2007	0521
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		241.725		250.000000	96.7	49-151
MB	Method Blank		183999-1		08/21/2007	1351
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		14.7304				
MB	Method Blank		183999-2		08/22/2007	0546
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		ND				
MS	Matrix Spike	BXS051707A	340714-1		08/21/2007	2015
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		273.008		250.000000	46.2846	90.7 50.0-150.0
MS	Matrix Spike	BXS082007F	340846-1		08/22/2007	0837
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		249.769		250.000000	13.2693	94.6 50.0-150.0
MSD	Matrix Spike Duplicate	BXS051707A	340714-1		08/21/2007	2040
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		239.072	273.008	250.000000	46.2846 77.1 13.3	50-150 20

QUALITY CONTROL RESULTS						
Job Number.: 340846		Report Date.: 08/29/2007				
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.		PROJECT: CONOCO PHILLIPS		ATTN:		
QC Type		Description	Reag. Code	Lab ID	Dilution Factor	Date Time
MSD	Matrix Spike Duplicate		BXS082007F	340846-1		08/22/2007 0902
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		244.415	249.769	250.000000	13.2693	92.5 2.2
						50-150 20
LCS	Laboratory Control Sample		BXS082007F	184165-1		08/23/2007 1506
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		252.394		250.000000		101.0
						49-151
MB	Method Blank			184165-1		08/23/2007 1606
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		11.2661				
SB	Spiked Blank		EX051707A	184165-1		08/23/2007 1859
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		264.800		250.000000	11.2661	101
						49.0-151.0
SBD	Spiked Blank Duplicate		EX051707A	184165-1		08/23/2007 1924
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TVPH as GRO, Soil		286.617	264.800	250.000000	11.2661	110.1 7.9
						49-151 20
Test Method.....: EPA300.0 REV2.1			Units.....: mg/L			Analyst...: sur
Method Description.: Ion Chromatography Analysis			Batch(s)....: 183995			
CCB	Continuing Calibration Blank					08/22/2007 0059
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Chloride		0				
CCB	Continuing Calibration Blank					08/22/2007 0406
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Chloride		0.2837				

QUALITY CONTROL RESULTS						
Job Number.: 340846			Report Date.: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS		ATTN:	
QC Type		Description	Reag. Code	Lab ID	Dilution Factor	Date Time
CCB	Continuing Calibration Blank					08/22/2007 0730
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	0					
CCB	Continuing Calibration Blank					08/22/2007 1110
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	0					
CCB	Continuing Calibration Blank					08/22/2007 1229
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	0					
CCV	Continuing Calibration Verification	WCS46049				08/22/2007 0044
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	18.986		20.00		94.9	90.0-110.0
CCV	Continuing Calibration Verification	WCS46049				08/22/2007 0351
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	18.946		20.00		94.7	90.0-110.0
CCV	Continuing Calibration Verification	WCS46049				08/22/2007 0714
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	18.991		20.00		95.0	90.0-110.0
CCV	Continuing Calibration Verification	WCS46049				08/22/2007 1055
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	18.875		20.00		94.4	90.0-110.0
CCV	Continuing Calibration Verification	WCS46049				08/22/2007 1213
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F
Chloride	18.884		20.00		94.4	90.0-110.0

QUALITY CONTROL RESULTS										
Job Number.: 340846			Report Date.: 08/29/2007							
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS			ATTN:				
QC Type			Description		Reag. Code	Lab ID	Dilution Factor	Date Time		
DU	Method Duplicate				340714-2	10		08/22/2007 0217		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride, Soil			4.8552			4.8226	0.7	20		
DU	Method Duplicate				340714-7	100		08/22/2007 0509		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride, Soil			0.6999			0.7149	0.0150	0.5000		
DU	Method Duplicate				340714-18	10		08/22/2007 0935		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride, Soil			9.7299			9.7656	0.4	20		
DU	Method Duplicate				340714-6			08/22/2007 1142		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride, SPLP			2.1872			2.2015	0.0143	0.5000		
ICB	Initial Calibration Blank							08/21/2007 2207		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride			0							
ICV	Initial Calibration Verification			WCS46049				08/21/2007 2152		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride			19.314		20.00		96.6	90.0-110.0		
LCS	Laboratory Control Sample			WCS46049				08/21/2007 2239		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride			19.120		20.00		95.6	90.0-110.0		
LCS	Laboratory Control Sample			WCS46049				08/22/2007 0801		
Parameter/Test Description			QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits F		
Chloride			18.999		20.00		95.0	90.0-110.0		

Q U A L I T Y C O N T R O L R E S U L T S

Job Number.: 340846

Report Date.: 08/29/2007

CUSTOMER: Tetra Tech-Maxim Technologies, Inc.

PROJECT: CONOCO PHILLIPS

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time		
MB	Method Blank				08/21/2007	2223		
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride	0							
MB Method Blank		SPLP				08/21/2007	2254	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride, SPLP	0.9568							b
MB Method Blank						08/22/2007	0745	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride	0.2876							
MS	Matrix Spike	WCS45524	340714-2	10		08/22/2007	0233	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride, Soil	13.718		10.000000	4.8226	89.0		90-110	A
MS	Matrix Spike	WCS45524	340714-7	100		08/22/2007	0525	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride, Soil	9.0887		10.000000	0.7149	83.7		90-110	A
MS	Matrix Spike	WCS45524	340714-18	10		08/22/2007	0950	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride, Soil	18.931		10.000000	9.7656	91.7		90-110	
MS	Matrix Spike	WCS45524	340714-6			08/22/2007	1157	
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Chloride, SPLP	11.031		10.000000	2.2015	88.3		90-110	A

QUALITY CONTROL RESULTS						
Job Number.: 340846			Report Date.: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
Test Method.....: SW-846 8015B				Units.....: mg/L		
Method Description.: Total Extractable Petroleum Hydrocarbons				Batch(s)....: 184223		
LCS	Laboratory Control Sample	GC053007	184002		08/24/2007	1009
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TEPH - as Diesel, Soil		711.26		1000.000000		71.1 70-130
MB	Method Blank	GC072307	184002		08/24/2007	0925
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TEPH - as Diesel, Soil		ND				
MS	Matrix Spike	GC053007A	340846-7	10	08/24/2007	1009
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TEPH - as Diesel, Soil		3522.15		1000.000000	3116.04	41 70-130 d
MSD	Matrix Spike Duplicate	GC053007A	340846-7	10	08/24/2007	1053
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
TEPH - as Diesel, Soil		3074.88	3522.15	1000.000000	3116.04	-4 70-130 d 13.6 30.0
Test Method.....: SW-846 8260B				Units.....: ug/L		
Method Description.: Volatile Organics				Batch(s)....: 184063 184090 184344		
LCS	Laboratory Control Sample	VS082107H			08/22/2007	1135
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, Soil		52.5978		50.00	ND	105.2 68-121
Ethylbenzene, Soil		53.2766		50.00	ND	106.6 66-130
Toluene, Soil		52.8479		50.00	ND	105.7 66-127
Xylenes (total), Soil		162.787		150.	ND	108.5 37-160
MB	Method Blank	VS082107C			08/22/2007	1318
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, Soil		ND				
Ethylbenzene, Soil		ND				
Toluene, Soil		ND				
Xylenes (total), Soil		ND				

QUALITY CONTROL RESULTS						
Job Number.: 340846		Report Date.: 08/29/2007				
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.		PROJECT: CONOCO PHILLIPS		ATTN:		
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	VS082107E	340714-11		08/22/2007	1436
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*
Benzene, Soil	49.5414		50.00	ND	99	65-135
Ethylbenzene, Soil	49.0176		50.00	ND	98	60-140
Toluene, Soil	50.8901		50.00	ND	102	64-135
Xylenes (total), Soil	146.053		150.0	ND	97	60-140
MSD	Matrix Spike Duplicate	VS082107E	340714-11		08/22/2007	1502
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*
Benzene, Soil	47.3868	49.5414	50.00	ND	95 4.4	65-135 30.0
Ethylbenzene, Soil	43.0145	49.0176	50.00	ND	86 13.0	60-140 30.0
Toluene, Soil	45.0744	50.8901	50.00	ND	90 12.1	64-135 30.0
Xylenes (total), Soil	133.137	146.053	150.0	ND	89 9.3	60-140 30.0
LCS	Laboratory Control Sample	VS082107H			08/23/2007	1122
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*
Benzene, Soil	51.3896		50.00	ND	102.8	68-121
Ethylbenzene, Soil	49.9869		50.00	ND	100.0	66-130
Toluene, Soil	53.5904		50.00	ND	107.2	66-127
Xylenes (total), Soil	156.084		150.	ND	104.1	37-160
MB	Method Blank	VS082107C			08/23/2007	1310
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*
Benzene, Soil	ND					
Ethylbenzene, Soil	ND					
Toluene, Soil	ND					
Xylenes (total), Soil	ND					
MS	Matrix Spike	VS082107E	340984-1		08/23/2007	1402
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	*
Benzene, Soil	45.8476		50.00	ND	92	65-135
Ethylbenzene, Soil	42.7138		50.00	ND	85	60-140
Toluene, Soil	45.8014		50.00	ND	92	64-135
Xylenes (total), Soil	135.286		150.0	ND	90	60-140

QUALITY CONTROL RESULTS						
Job Number.: 340846			Report Date.: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.			PROJECT: CONOCO PHILLIPS		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS082107E	340984-1		08/23/2007	1428
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, Soil		48.6911	45.8476	50.00	ND	97 6.0 65-135
Ethylbenzene, Soil		48.2473	42.7138	50.00	ND	96 12.2 30.0 60-140
Toluene, Soil		50.3213	45.8014	50.00	ND	101 9.4 64-135 30.0
Xylenes (total), Soil		147.862	135.286	150.0	ND	99 8.9 60-140 30.0
LCS	Laboratory Control Sample	VS082107H			08/28/2007	1131
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, Water		53.4589		50.00	ND	106.9 68-127
Ethylbenzene, Water		43.5906		50.00	ND	87.2 64-132
Toluene, Water		49.3157		50.00	ND	98.6 63-127
Xylenes (total), Water		131.398		150.	ND	87.6 37-161
MB	Method Blank	VS082107C			08/28/2007	1250
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, Water		ND				
Ethylbenzene, Water		ND				
Toluene, Water		ND				
Xylenes (total), Water		ND				
MS	Matrix Spike	VS082107E	340826-1	100.00000	08/28/2007	1408
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, TCLP		176.740		50.00	130.327	93 63-123
MSD	Matrix Spike Duplicate	VS082107E	340826-1	100.00000	08/28/2007	1434
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, TCLP		186.959	176.740	50.00	130.327	113 5.6 63-123 30.0
PB	Prep. Blank	VS082107C		20.00000	08/28/2007	1224
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result * Limits F
Benzene, TCLP		ND				
Ethylbenzene, TCLP		ND				
Toluene, TCLP		ND				
Xylenes (total), TCLP		ND				

Q U A L I T Y C O N T R O L R E S U L T S

Job Number.: 340846

Report Date.: 08/29/2007

CUSTOMER: Tetra Tech-Maxim Technologies, Inc.

PROJECT: CONOCO PHILLIPS

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time			
PB	Prep. Blank	VS082107C					08/28/2007	1527	
Parameter/Test Description		QC Result	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F
Benzene, SPLP		ND							
Ethylbenzene, SPLP		ND							
Toluene, SPLP		ND							
Xylenes (total), SPLP		ND							

S U R R O G A T E R E C O V E R I E S R E P O R T

Job Number.: 340846

Report Date.: 08/29/2007

CUSTOMER: Tetra Tech-Maxim Technologies, Inc.

PROJECT: CONOCO PHILLIPS

ATTN: Charlie Durret

Method.....: Total Extractable Petroleum Hydrocarbons
Batch(s)....: 184223Method Code...: 8015D
Test Matrix...: SoilPrep Batch....: 184002
Equipment Code: EXTGC01

Lab ID	DT	Sample ID	Date	OTERPH
340846- 1		GB1 5FT	08/24/2007	72
340846- 2		GB1 10FT	08/24/2007	71
340846- 3		GB2 5FT	08/24/2007	72
340846- 4		GB2 10FT	08/24/2007	70
340846- 5		GB3 5FT	08/24/2007	73
340846- 6		GB3 10FT	08/24/2007	69
340846- 7		GB4 5FT	08/24/2007	466d
340846- 7 MS		GB4 5FT	08/24/2007	525d
340846- 7 MSD		GB4 5FT	08/24/2007	494d
340846- 8		GB4 15FT	08/24/2007	71
340846- 9		GB5 5FT	08/24/2007	72
340846- 10		GB5 10FT	08/24/2007	81
184002--21 LCS			08/24/2007	80
184002--21 MB			08/24/2007	76

Test	Test Description	Limits
OTERPH	o-Terphenyl	60 - 140

S U R R O G A T E R E C O V E R I E S R E P O R T						
Job Number.: 340846			Report Date.: 08/29/2007			
CUSTOMER: 483648			PROJECT: CONOCO PHILLIPS			ATTN: Charlie Durret
Method.....: Total Volatile Petroleum Hydrocarbons Batch(s).....: 183999 184165			Method Code...: 8015G Test Matrix....: Soil			Prep Batch....: Equipment Code: BTEX07
Lab ID	DT	Sample ID	Date	ATFT	BFB	
183999-	1	LCS	08/21/2007	99.6	97.9	
183999-	1	MB	08/21/2007	103.2	97.7	
183999-	2	LCS	08/22/2007	102.2	99.6	
183999-	2	MB	08/22/2007	95.6	94.5	
184165-	1	LCS	08/23/2007	92.1	93.2	
184165-	1	MB	08/23/2007	101.0	97.3	
184165-	1	SB	08/23/2007	102.1	98.6	
184165-	1	SBD	08/23/2007	98.9	96.9	
340714-	1	MS JA 1 0-6	08/21/2007	101.9	96.0	
340714-	1	MSD JA 1 0-6	08/21/2007	93.5	92.8	
340846-	1	GB1 5FT	08/22/2007	101.0	89.8	
340846-	1	MS GB1 5FT	08/22/2007	103.2	100.4	
340846-	1	MSD GB1 5FT	08/22/2007	97.6	96.2	
340846-	2	GB1 10FT	08/22/2007	106.0	94.0	
340846-	3	GB2 5FT	08/22/2007	106.7	94.3	
340846-	4	GB2 10FT	08/22/2007	101.8	91.1	
340846-	5	GB3 5FT	08/22/2007	103.9	93.9	
340846-	6	GB3 10FT	08/23/2007	101.3	91.3	
340846-	7	GB4 5FT	08/24/2007	239.6d	1839.d	
340846-	8	GB4 15FT	08/23/2007	98.3	87.3	
340846-	9	GB5 5FT	08/23/2007	97.1	87.6	
340846-	10	GB5 10FT	08/22/2007	101.5	92.7	
Test	Test Description		Limits			
ATFT	a,a,a-Trifluorotoluene		50	-	150	
BFB	BFB (Surrogate)		50	-	150	

S U R R O G A T E R E C O V E R I E S R E P O R T							
Job Number.: 340846			Report Date.: 08/29/2007				
CUSTOMER: 483648			PROJECT: CONOCO PHILLIPS			ATTN: Charlie Durret	
Method.....: Volatile Organics Batch(s)....: 184344			Method Code...: 8260 Test Matrix...: Water			Prep Batch....: Equipment Code: GCMSVOA04	
Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
184344--21 LCS			08/28/2007	88.1	77.6	94.8	87.5
184344--21 MB			08/28/2007	82.5	113.2	98.8	104.5
Test	Test Description		Limits				
12DCED	1,2-Dichloroethane-d4		70 - 130				
BRFLBE	4-Bromofluorobenzene		70 - 130				
DBRFLM	Dibromofluoromethane		70 - 130				
TOLD8	Toluene-d8		70 - 130				
Method.....: Volatile Organics Batch(s)....: 184344			Method Code...: 8260 Test Matrix...: SPLP			Prep Batch....: Equipment Code: GCMSVOA04	
Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
184286--21 PB			08/28/2007	82.4	111.0	97.2	105.2
340846- 8		GB4 15FT	08/28/2007	83.9	110.0	101.3	101.0
Test	Test Description		Limits				
12DCED	1,2-Dichloroethane-d4		70 - 130				
BRFLBE	4-Bromofluorobenzene		70 - 130				
DBRFLM	Dibromofluoromethane		70 - 130				
TOLD8	Toluene-d8		70 - 130				
Method.....: Volatile Organics Batch(s)....: 184063 184090			Method Code...: 8260 Test Matrix...: Soil			Prep Batch....: Equipment Code: GCMSVOA05	
Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
184063--21 LCS			08/22/2007	105.5	106.4	101.9	106.8
184063--21 MB			08/22/2007	90.3	113.1	93.8	96.1
184090--21 LCS			08/23/2007	106.3	99.2	108.1	107.9
184090--21 MB			08/23/2007	90.6	114.6	91.2	100.7
340714- 11 MS	JA 6 0-6		08/22/2007	89.9	94.6	88.3	92.3
340714- 11 MSD	JA 6 0-6		08/22/2007	88.2	85.6	87.7	83.4
340846- 1	GB1 5FT		08/22/2007	96.3	101.3	92.9	93.1
340846- 2	GB1 10FT		08/22/2007	96.4	103.3	97.0	95.0
340846- 3	GB2 5FT		08/22/2007	100.5	97.5	92.9	94.0
340846- 4	GB2 10FT		08/22/2007	99.4	93.0	92.3	89.2
340846- 5	GB3 5FT		08/22/2007	97.4	92.6	89.5	92.2
340846- 6	GB3 10FT		08/22/2007	89.9	100.2	88.1	87.8
340846- 7	GB4 5FT		08/22/2007	87.5	63.1	85.9	82.3
340846- 7	GB4 5FT		08/23/2007	95.2	121.0	96.9	103.2
340846- 8	GB4 15FT		08/22/2007	99.3	88.1	92.2	87.7
340846- 9	GB5 5FT		08/22/2007	86.2	94.1	85.4	87.7
340846- 10	GB5 10FT		08/22/2007	97.6	98.6	92.1	90.1
340984- 1 MS	MW-12 (22.5-25.0')		08/23/2007	99.9	111.2	100.9	101.0
340984- 1 MSD	MW-12 (22.5-25.0')		08/23/2007	85.3	111.7	94.5	99.1
184063--21 LCS			08/22/2007	89.8	104.4	90.4	93.1
184090--21 LCS			08/23/2007	86.4	103.4	83.3	89.2

S U R R O G A T E R E C O V E R I E S R E P O R T

Job Number.: 340846

Report Date.: 08/29/2007

CUSTOMER: 483648

PROJECT: CONOCO PHILLIPS

ATTN: Charlie Durret

Method.....: Volatile Organics
Batch(s)....: 184063 184090Method Code...: 8260
Test Matrix...: SoilPrep Batch....:
Equipment Code: GCMSVOA04

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4	61 - 130
BRFLBE	4-Bromofluorobenzene	57 - 140
DBRFLM	Dibromofluoromethane	68 - 130
TOLD8	Toluene-d8	50 - 130

Method.....: Volatile Organics
Batch(s)....: 184344Method Code...: 8260
Test Matrix...: TCLPPrep Batch....:
Equipment Code: GCMSVOA04

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
184285--21	PB		08/28/2007	80.9	113.9	101.6	104.7
340826-	1	MS	08/28/2007	92.0	110.5	102.6	105.0
340826-	1	MSD	08/28/2007	92.3	107.4	102.9	102.3

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4	70 - 130
BRFLBE	4-Bromofluorobenzene	70 - 130
DBRFLM	Dibromofluoromethane	70 - 130
TOLD8	Toluene-d8	70 - 130

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/29/2007

REPORT COMMENTS

- 1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
- 2) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
- 3) According to 40CFR Part 136.3, pH, Chlorine Residual, and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field, (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.
- 4) For all USACE projects, the QC limits are based on "mean +/- 2 sigma", which are the warning limits.

General Information:

- Cresylic Acid is the combination of o,m and p-Cresol. The combination is reported as the final result.
- m-Cresol and p-Cresol co-elute. The result of the two is reported as either m&p-cresol or as p-cresol.
- m-Xylene and p-Xylene co-elute. The result of the two is reported as m,p-Xylene.
- N-Nitrosodiphenylamine decomposes in the gas chromatograph inlet forming diphenylamine and, consequently, may be detected as diphenylamine.
- Methylene Chloride and Acetone are recognized potential laboratory contaminants. Its presence in the sample up to five times the amount reported in the blank may be attributed to laboratory contamination.
- Trimethylsilyl(Diazomethane) is used to esterify acid herbicides in Method SW-846 8151A.
- For Inorganic analyses, duplicate QC limits are determined as follows: If the sample result is less than or equal to 5 times the reporting limit, the RPD limit is equal to the reporting limit. If the sample result is greater than 5 times the reporting limit, the RPD limit is the method defined RPD.
- For TRRP reports, the header on the column RL is equivalent to a MQL/PQL.
- Results for LCS and MS/MSD recoveries listed in the report are reported as ug/L on-column values which are not corrected for variables such as sample volumes or weights extracted, final volume of extracts and dilutions. To correct QC on-column recoveries to reflect actual spiking volumes for soils, multiply the values reported for Diesel Range Organics and Semivolatiles by 33.3 and Gasoline Range Organics by 20. The 8260 and 1006 results will not require correction. The only correction required for water analysis is for method 1006 where the reported concentration must be multiplied by 0.1.
- Due to limitation of the reporting software, results for the Method blank in the Semivolatile fraction are reported as "0". Which indicates there was no compound detected at the reporting limit for the compound reviewed.

Explanation of Qualifiers:

- U - This qualifier indicates that the analyte was analyzed but not detected.
- J - (Organics only) This qualifier indicates that the analyte is an estimated value between the RL and the MDL.
- B - (Inorganics only) This Qualifier indicates that the analyte is an estimated value between the RL and the MDL.
- N - (Organics only) This flag indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as "chlorinated hydrocarbon", the "N" flag is not used.

Explanation of General QC Outliers:

- A - Matrix interference present in sample.
- a - MS/MSD analyses yielded comparable poor recoveries, indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
- b - Target analyte was found in the method blank.
- M - QC sample analysis yielded recoveries outside QC acceptance criteria. This sample was reanalyzed.
- L - LCS analysis yielded high recoveries, indicating a potential high bias. No target analytes were observed above the RL in the associated samples.
- G - Marginal outlier within 1% of acceptance criteria.
- r - RPD value is outside method acceptance criteria.
- C - Poor RPD values observed due to the non-homogenous nature of the sample.

Q U A L I T Y A S S U R A N C E M E T H O D S

R E F E R E N C E S A N D N O T E S

Report Date: 08/29/2007

- O - Sample required dilution due to matrix interference.
- D - Sample reported from a dilution.
- d - Spike and/or surrogate diluted.
- P - The recovery of this analyte is outside default QC limits. The data is accepted and will be used to calculate in-house statistical limits.
- E - The reported concentration exceeds the instrument calibration.
- F - The analyte is outside QC limits. The sample data is accepted since this analyte is not reported in associated samples.
- H - Continuing Calibration Verification (CCV) standard is not associated with the samples reported.
- q - See the subcontract final report for qualifier explanation.
- W - The MS/MSD recoveries are outside QC acceptance criteria because the amount spiked is much less than the amount found in the sample.
- K - High recovery will not affect the quality of reported results.
- Z - See case narrative.

Explanation of Organic QC Outliers:

- e - Method blank analysis yielded phthalate concentrations above the RL. Phthalates are recognized potential laboratory contaminants. Its presence in the sample up to five times the amount reported in the blank may be attributed to laboratory contamination.
- S - Sample reanalyzed/reextracted due to poor surrogate recovery. Reanalysis confirmed original analysis indicating a possible matrix interference.
- T - Sample analysis yielded poor surrogate recovery.
- R - The RPD between the two GC columns is greater than 40% and no anomalies are present. The higher result is reported as per EPA Method 8000B.
- I - The RPD between the two GC columns is greater than 40% and anomalies are present. The lower of the two results has been reported.
- X - Gaseous compound. In-house QC limits are advisory.
- Y - Ketone compounds have poor purge efficiency. In-house QC limits are advisory.
- f - Surrogate not associated with reported analytes.

Explanation of Inorganic QC Outliers:

- Q - Method blank analysis yielded target analytes above the RL. Associated sample results are greater than 10 times the concentrations observed in the method blank.
- V - The RPD control limit for sample results less than 5 times the RL is +/- the RL value. Sample and duplicate results are within method acceptance criteria.
- e - Serial dilution failed due to matrix interference.
- g - Sample result quantitated by Method of Standard Additions (MSA) due to the analytical spike recovery being below 85 percent. The correlation coefficient for the MSA is greater than or equal to 0.995.
- s - BOD/cBOD seed value is not within method acceptance criteria. Due to the nature of the test method, the sample cannot be reanalyzed.
- l - BOD/cBOD LCS value is not within method acceptance criteria. Due to the nature of the test method, sample cannot be reanalyzed.
- N - Spiked sample recovery is not within control limits.
- n - Sample result quantitated by Method of Standard Additions (MSA) due to the analytical spike recovery being below 85 percent. The correlation coefficient for the MSA is less than 0.995.
- * - Duplicate analysis is not within control limits.

Abbreviations:

- Batch - Designation given to identify a specific extraction, digestion, preparation, or analysis set.
- CCV - Continuing Calibration Verification
- CRA - Low level standard check - GFAA, Mercury
- CRI - Low level standard check - ICP
- Dil Fac - Dilution Factor - Secondary dilution analysis
- DLFac - Detection Limit Factor

Q U A L I T Y A S S U R A N C E M E T H O D S

R E F E R E N C E S A N D N O T E S

Report Date: 08/29/2007

DU	- Duplicate
EB	- Extraction Blank (TCLP, SPLP, etc.)
ICAL	- Initial Calibration
ICB	- Initial Calibration Blank
ICV	- Initial Calibration Verification
ISA	- Interference Check Sample A - ICP
ISB	- Interference Check Sample B - ICP
LCD	- Laboratory Control Duplicate
ICS	- Laboratory Control Sample
MB	- Method Blank
MD	- Method Duplicate
MDL	- Method Detection Limit
MQL	- Method Quantitation Limit (TRRP)
MS	- Matrix Spike
MSD	- Matrix Spike Duplicate
ND	- Not Detected
PB	- Preparation Blank
PREPF	- Preparation Factor
RL	- Reporting Limit
RPD	- Relative Percent Difference
RRF	- Relative Response Factor
RT	- Retention Time
SQL	- Sample Quantitation Limit (TRRP)
TIC	- Tentatively Identified Compound

Method References:

- (1) EPA 600/4-79-020 Methods for the Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-94-111 Methods for the Determination of Metals in Environmental Samples, Supplement I, May 1994.
- (3) EPA SW846 Test Methods for Evaluating Solid Waste, Third Edition, September 1986; Update I July 1992; Update II, September 1994; Update IIA August 1993; Update IIB, January 1995; Update III, December 1996; Update IVA January 1998; Update IVB November 2000.
- (4) Standard Methods for the Examination of Water and Wastewater, 16th Edition (1985), 17th Edition (1989), 18th Edition (1992), 19th Edition (1995), 20th Edition (1998).
- (5) HACH Water Analysis Handbook 3rd Edition (1997).
- (6) Federal Register, July 1, 1990 (40 CFR Part 136 Appendix A).
- (7) Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, 2nd Edition, January 1997.
- (9) Diagnosis and Improvement of Saline and Alkali Soils, Agriculture Handbook No. 60, United States Department of Agriculture, 1954.

LABORATORY CHRONICLE						
Job Number: 340846			Date: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.		PROJECT: CONOCO PHILLIPS			ATTN: Charlie Durret	
Lab ID: 340846-1	Client ID: GB1 5FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1452
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1053
SW-846 8015B	Total Volatile Petroleum Hydrocarbons		1	183999		08/22/2007 0635
SW-846 8260B	Volatile Organics		1	184063		08/22/2007 1553
Lab ID: 340846-2	Client ID: GB1 10FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1508
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1137
SW-846 8015B	Total Volatile Petroleum Hydrocarbons		1	183999		08/22/2007 0659
SW-846 8260B	Volatile Organics		1	184063		08/22/2007 1619
Lab ID: 340846-3	Client ID: GB2 5FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1610
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1221
SW-846 8015B	Total Volatile Petroleum Hydrocarbons		1	183999		08/22/2007 0724
SW-846 8260B	Volatile Organics		1	184063		08/22/2007 1645
Lab ID: 340846-4	Client ID: GB2 10FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1626
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1306
SW-846 8015B	Total Volatile Petroleum Hydrocarbons		1	183999		08/22/2007 0748
SW-846 8260B	Volatile Organics		1	184063		08/22/2007 1711
Lab ID: 340846-5	Client ID: GB3 5FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1728
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1350
SW-846 8015B	Total Volatile Petroleum Hydrocarbons		1	183999		08/22/2007 0813
SW-846 8260B	Volatile Organics		1	184063		08/22/2007 1737
Lab ID: 340846-6	Client ID: GB3 10FT		Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION		RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO		1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis		1	184204		08/25/2007 1744
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)		1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C		1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons		1	184223	184002	08/24/2007 1434

LABORATORY CHRONICLE					
Job Number: 340846		Date: 08/29/2007			
CUSTOMER: Tetra Tech-Maxim Technologies, Inc.		PROJECT: CONOCO PHILLIPS		ATTN: Charlie Durret	
Lab ID: 340846-6	Client ID: GB3 10FT	Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 8015B	Total Volatile Petroleum Hydrocarbons	1	184165		08/23/2007 1631
SW-846 8260B	Volatile Organics	1	184063		08/22/2007 1803
Lab ID: 340846-7	Client ID: GB4 5FT	Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO	1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis	1	184204		08/25/2007 1831
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)	1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C	1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons	1	184223	184002	08/24/2007 0925
SW-846 8015B	Total Volatile Petroleum Hydrocarbons	1	184165		08/24/2007 1254
SW-846 8260B	Volatile Organics	1	184063		08/22/2007 1946
SW-846 8260B	Volatile Organics	1	184090		08/23/2007 1336
Lab ID: 340846-8	Client ID: GB4 15FT	Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 1312	1312 SPLP Zero Headspace Extraction	1	184286		08/28/2007 1600
SW-846 3550B	Extraction (Ultrasonic) DRO	1	184002		08/22/2007 1000
EPA300.0 REV2.	Ion Chromatography Analysis	1	183995		08/22/2007 0028
SW-846 9056	Ion Chromatography Analysis	1	184204		08/25/2007 1847
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)	1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C	1	184117		08/23/2007 1845
SW-846 1312	Synthetic Precipitate Leachate Procedure	1	183882		08/20/2007 1500
SW-846 8015B	Total Extractable Petroleum Hydrocarbons	1	184223	184002	08/24/2007 1519
SW-846 8015B	Total Volatile Petroleum Hydrocarbons	1	184165		08/23/2007 1656
SW-846 8260B	Volatile Organics	1	184063		08/22/2007 1829
SW-846 8260B	Volatile Organics	1	184344	184286	08/28/2007 1553
Lab ID: 340846-9	Client ID: GB5 5FT	Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO	1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis	1	184204		08/25/2007 1918
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)	1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C	1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons	1	184223	184002	08/24/2007 1221
SW-846 8015B	Total Volatile Petroleum Hydrocarbons	1	184165		08/23/2007 1720
SW-846 8260B	Volatile Organics	1	184063		08/22/2007 1854
Lab ID: 340846-10	Client ID: GB5 10FT	Date Recvd:	08/20/2007	Sample Date:	08/15/2007
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED
SW-846 3550B	Extraction (Ultrasonic) DRO	1	184002		08/22/2007 1000
SW-846 9056	Ion Chromatography Analysis	1	184204		08/25/2007 2005
SM-2540 G Mod.	Moisture (Total + Fixed Solids, Ash)	1	183865		08/20/2007 1630
EPA 120.1	Specific Conductance @ 25 degrees C	1	184117		08/23/2007 1845
SW-846 8015B	Total Extractable Petroleum Hydrocarbons	1	184223	184002	08/24/2007 1306
SW-846 8015B	Total Volatile Petroleum Hydrocarbons	1	183999		08/22/2007 1154
SW-846 8260B	Volatile Organics	1	184063		08/22/2007 1920

SEVERN STL[®]
TRENT

3817

No. 030809

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS/METHOD		LAB JOB NO.		REMARKS/PRECAUTIONS	
COMPANY: Terra Tech	SEND REPORT TO: Charles Daniels	PROJECT NUMBER: Grandview Dept	BILL TO: George Phillips Jessie Sosa	TPH GR/DR/STEX	SOLAR/C1/C2/C4/C6/C8	340898			
ADDRESS: 1703 W Industrial Ave	PHONE: 281-707121	ADDRESS: 1410 N Westgate Rd	PHONE: 505-391-3126	TPH GR/DR/STEX	SOLAR/C1/C2/C4/C6/C8				
FAX: 505-391-3126	FAX:	PO NO: 505-391-3126		TPH GR/DR/STEX	SOLAR/C1/C2/C4/C6/C8				
SAMPLE NO.		SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	REMARKS/PRECAUTIONS	
GB 1	5 ft	2/15/07	0830	50.1	Glass 2°3	N	2 X X		
GB 2	10 ft	0840	0840		Glass 2°3	N	2 X X		
GB 2	5 ft	0915			Glass 2°3	N	2 X X		
GB 2	10 ft	0930			Glass 2°3	N	2 X X		
GB 3	5 ft	1000			Glass 2°3	N	2 X X		
GB 3	10 ft	1025			Glass 2°3	N	2 X X		
GB 3	5 ft	1115			Glass 2°3	N	2 X X		
GB 4	5 ft	1140			Glass 2°3	N	4 X X X X		
GB 4	15 ft	1240			Glass 2°3	N	2 X X		
GB 5	5 ft	1255			Glass 2°3	N	2 X X		
GB 5	10 ft				AIRBILL NO.: 8606-6145-2287				
SAMPLE BY: C. Daniels		SHIPMENT METHOD: Hand							
REQUIRED TURNAROUND* <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> ROUTINE <input checked="" type="checkbox"/> OTHER ASAP									
1. RELINQUISHED BY: SIGNATURE:	DATE: 2/17/07	2. RELINQUISHED BY: SIGNATURE:	DATE: 2/17/07	3. RELINQUISHED BY: SIGNATURE:	DATE: 2/17/07	3. RELINQUISHED BY: SIGNATURE:	DATE: 2/17/07		
PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00		
1. RECEIVED BY: SIGNATURE:	DATE: 2/17/07	2. RECEIVED BY: SIGNATURE:	DATE: 2/17/07	3. RECEIVED BY: SIGNATURE:	DATE: 2/17/07	3. RECEIVED BY: SIGNATURE:	DATE: 2/17/07		
PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00	PRINTED NAME/COMPANY: Terra Tech	TIME: 14:00		

RUSH TURNAROUND MAY REQUIRE SURCHARGE.

STL3222H-600 (0803)

STL Houston
6310 Rothway Drive
Houston, TX 77040

rpjsckl

Job Sample Receipt Checklist Report

V2

Job Number.: 340846 Location.: 57216 Check List Number.: 1 Description.:
Customer Job ID.....: Job Check List Date.: 08/20/2007
Project Number.: 99003817 Project Description.: Conoco Phillips
Customer.....: Tetra Tech-Maxim Technologies, Inc. Contact.: Charlie Durret

Date of the Report...: 08/20/2007
Project Manager.....: sgk

Questions ? (Y/N) Comments

Chain of Custody Received?..... Y

...If "yes", completed properly?..... Y

Custody seal on shipping container?..... N

08/20/07
OJ

...If "yes", custody seal intact?.....

Custody seals on sample containers?..... N

...If "yes", custody seal intact?.....

Samples chilled?..... N

Temperature of cooler acceptable? (4 deg C +/- 2). N 14.6

...If "no", is sample an air matrix?(no temp req.)

Thermometer ID..... Y 438

Samples received intact (good condition)?..... Y

Volatile samples acceptable? (no headspace).....

Correct containers used?..... Y

Adequate sample volume provided?..... Y

Samples preserved correctly?..... Y

Samples received within holding-time?..... Y

Agreement between COC and sample labels?..... Y

Radioactivity at or below background levels?.....

Additional.....

Comments.....

Sample Custodian Signature/Date..... Y MT