TETRA TECH

May 5, 2010

Mr. Roy Crossland
START Project Officer
U.S. Environmental Protection Agency, Region 7
901 North 5th Street
Kansas City, Kansas 66101

Subject: **Phase II Targeted Brownfields Assessment**
Farmers Union Co-op Supply Company, Beatrice, Nebraska
U.S. EPA Region 7 START 3, Contract No. EP-S7-06-01
Task Order No. 0002.015.011
Task Monitors: Ron King, EPA Site Assessment Team Leader

Dear Mr. Crossland:

Tetra Tech EM Inc. is submitting this revised Phase II Brownfields Targeted Assessment report for the Farmers Union Co-op Supply Company property in Beatrice, Nebraska. As per EPA's direction, this report has been revised to remove all references to EPA Regional Screening Levels and supersedes the draft submittal dated April 28, 2010. If you have any questions or comments, please contact the project manager at (816) 412-1751.

Sincerely,

for Tom Scroggin
START Project Manager

Ted Faile, PG, CHMM
START Program Manager

Enclosures

Tetra Tech EM Inc.
415 Oak Street, Kansas City, MO 64106
Tel 816.412.1741 Fax 816.410.1748 www.tetratech.com

X9004.06.0002.015.011

PHASE II TARGETED BROWNFIELDS ASSESSMENT REPORT

FARMERS UNION CO-OP SUPPLY COMPANY, BEATRICE, NEBRASKA

Superfund Technical Assessment and Response Team (START) 3 Contract

Contract No. EP-S7-06-01, Task Order No. 0002.015.011

Prepared For:

U.S. Environmental Protection Agency
Region 7
901 North 5th Street
Kansas City, Kansas 66101

May 5, 2010

.
Prepared By:

Tetra Tech EM Inc.
415 Oak Street
Kansas City, Missouri 64106
(816) 412-1741

CONTENTS

CONTENTS (Continued)

APPENDICES

TABLES

EXECUTIVE SUMMARY

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a Phase II Targeted Brownfields Assessment (TBA) of a property located at 400 North 1st Street in Beatrice, Gage County, Nebraska. The property is owned by Farmers Union Co-op Supply Company. The City of Beatrice (City) applied for a Brownfields grant under EPA Region 7 for assessment of the property, which is targeted for industrial redevelopment. A Phase I Environmental Site Assessment (ESA) conducted for the site in April 2009 identified recognized environmental conditions (REC) to the subject property and adjacent properties. The purpose of this Phase II TBA was to determine if historical fuel storage activities, a nearby former plating operations facility, and ongoing free product remediation by Nebraska Department of Environmental Quality (NDEQ) have impacted surficial and subsurface soils, and groundwater at the subject property. For this investigation, soil and groundwater samples were collected from the site to determine environmental impacts.

This Phase II TBA confirmed the following RECs in the site area:

- Subsurface soil samples collected from the site contained volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), total petroleum hydrocarbons (TPH) –gasoline range organics (GRO)/diesel range organics (DRO), and metals. No VOCs in the soil samples were detected at concentrations that exceeded Nebraska Voluntary Cleanup Program (VCP) remediation goals (RG). Seventeen SVOCs were detected in the subsurface soil samples, although only two were detected at concentrations higher than an established Nebraska VCP RG for residential soils. Benzo(a)pyrene was detected at a concentration of 0.468 milligrams per kilogram (mg/kg) in sample SB-2 at a depth of 2 to 4 feet below ground surface (bgs)— above the Nebraska VCP RG for residential soils of 0.062 mg/kg. Benzo(b)fluoranthene was detected in the same sample at 0.715 mg/kg – above the Nebraska VCP RG of 0.62 mg/kg. No TPH-GRO or TPH-DRO were detected at concentrations that exceeded removal action benchmarks. Metals were detected in every surface and subsurface soil sample collected on site. Arsenic was detected in all soil samples at levels above the established Nebraska VCP RG of 0.39 mg/kg for residential soils, but below the VCP RG of 16 mg/kg for industrial soils. The occurrence of arsenic in the site soils is representative of background levels in Gage County, Nebraska, as shown by the United States Geological Survey (USGS) online geochemistry database (USGS 2010). No other metals were detected in soils at levels exceeding a Nebraska VCP RG.

- Groundwater samples collected from three on-site and one background Geoprobe™ temporary monitoring wells contained VOCs, SVOCs, TPH-GRO, TPH-DRO, and total and dissolved metals. VOCs were detected in two on-site groundwater samples, as well as in the background sample. 1,2,4-trimethylbenzene (40.7 micrograms per liter [µg/L]), 1,3,5-trimenthylbenzene (7.3 µg/L), benzene (392 µg/L), methyl tert butyl ether (592 µg/L), and naphthalene (13.4 µg/L) were detected at concentrations exceeding Nebraska VCP RGs. All concentrations exceeding the VCP RGs were reported in sample FRM-GW-6. Tetrachloroethylene, isopropylbenzene, ethylbenzene, m,p-xylene, n-butylbenzene, n-propylbenzene, o-xylene, toluene, and xylene (total) were detected, but at levels below Nebraska VCP RGs. SVOCs were detected in two on-site

groundwater samples, as well as in the background sample. However, only naphthalene was detected in one groundwater sample (FRM-GW-6) at a concentration that exceeded the Nebraska VCP RG. Bis(2-ethylhexyl)phthalate and phenol were detected, but at levels below Nebraska VCP RG benchmarks. 1-Methylnaphthalene was also detected in one sample; currently there is no established Nebraska VCP RG for this analyte. TPH-GRO was detected in one on-site groundwater sample but not at a concentration that exceeded a removal action benchmark. TPH-DRO was detected in two on-site groundwater samples, as well as in the equipment rinsate. Detection of TPH-DRO in these samples, as well as the equipment rinsate, may be a result of cross contamination during sampling or laboratory procedures. Metals were detected in all three on-site groundwater samples, as well as in the background groundwater sample. Arsenic, cadmium and lead exceeded the Nebraska VCP RGs in one or more of the on-site groundwater samples. Arsenic was reported at total and dissolved concentrations of 85 µg/L and 270 µg/L, respectively, in sample FRM-GW-2. A dissolved cadmium concentration of 12 µg/L was reported in the same sample. And a total lead concentration of 53 µg/L was reported in sample FRM-GW-5. Metals concentrations did not exceed any Nebraska VCP RG benchmarks in the background groundwater sample, FRM-GW-7.

Many of the contaminants detected in the soil and groundwater samples collected at the Farmers Union Co-op Supply Company are commonly found in petroleum products stored at the subject property and in solvents used in plating operations; some SVOCs detected may be products of the incomplete combustion of fuels. All of these contaminants could be associated with activities likely conducted at the current on-site fuel storage facility and nearby former plating operation.

1.0 INTRODUCTION

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a Phase II Targeted Brownfields Assessment (TBA) at the Farmers Union Co-op Supply Company property located at 400 North 1st Street in Beatrice, Gage County, Nebraska (see Appendix A, Figure 1). The subject property is a 1.60-acre, fenced area used for fuel storage. The subject property is bounded to the north by Grant Street, with an auto salvage yard beyond; to the east by North 1st Street, with Chicago, Burlington, and Quincy railroad (CBQR) tracks beyond; to the south by an auto salvage yard, with a city maintenance yard beyond; and to the west by Indian Creek, with undeveloped land beyond. The subject property has been under its current ownership and current use since 1940. The City of Beatrice (City) applied for a Brownfields grant under EPA Region 7 for assessment of an area targeted for redevelopment as industrial property. According to the City Brownfields grant application, the City intends to move current operations at the subject property in order to protect the Big Blue River. EPA tasked Tetra Tech to conduct a Phase II TBA on the site to determine whether contamination is present at the site, and if so, to identify the contaminants and measure their respective concentrations, and assess risks posed by any contaminants present.

For the purpose of this TBA, the subject property is defined as the 1.60-acre property located at 400 North 1st Street in Beatrice, Gage County, Nebraska. The subject property is located in the northwest ¼ of the southeast ¼ of Section 33, Township 4 North, Range 6 East (see Appendix A, Figure 1).

1.1 PURPOSE

The purpose of this Phase II TBA is to determine whether historical activities at the subject property have impacted the subsurface and surficial soils and groundwater underlying the subject property, to determine concentration(s) of any contaminant(s) present, and to assess risks posed by any contaminants present. Subsurface (soil and groundwater) and surficial (soil) sampling was to be conducted using a Geoprobe™ direct-push apparatus.

1.2 SPECIAL TERMS AND CONDITIONS

No special terms or conditions were identified during the Phase II TBA.

2.0 BACKGROUND AND SITE HISTORY

This section provides a brief description of the site: the physical setting, including geology, hydrogeology, and hydrology; site history and land use; adjacent land use; and a summary of previous assessments.

2.1 SITE DESCRIPTION AND FEATURES

The Farmers Union Co-op Supply Company property is located at 400 North 1st Street in Beatrice, Gage County, Nebraska. The subject property is a 1.60-acre, fenced area used for fuel storage. The subject property is bounded to the north by Grant Street, to the east by North 1st Street, to the south by an auto salvage yard, and to the west by Indian Creek.

The subject property is a fuel storage yard and contains several aboveground storage tanks (AST), numerous 55-gallon drums, two large storage buildings, and two small sheds. Eight actively used ASTs and two ASTs that appeared to be inactive were observed on the subject property during the Phase I site reconnaissance on April 9, 2009. The fill pipes leading to the active ASTs indicated that the tanks contained diesel, gasoline, and kerosene (Tetra Tech 2009).

2.2 PHYSICAL SETTING

The subject property is depicted on the USGS 7.5-minute series Beatrice West, Nebraska topographic quadrangle map (USGS 2009). The subject property is located in the northwest ¼ of the southeast ¼ of Section 33, Township 4 North, Range 6 East. The approximate coordinates for the center of the subject property are 40º 16’ 13.09” north latitude and 96º 45’ 13.84” west longitude (Google Earth 2009). Based on the topographic maps reviewed, the site elevation is approximately 1,240 feet above mean sea level.

2.2.1 Geologic Setting

Site soils are of the Paleozoic era, Permian system, and a part of the Wolfcampian series. Site soils primarily consist of the Kennebec silt loam. Kennebec soils exhibit moderate infiltration rates, are deep and moderately deep, moderately well- and well-drained soils with moderately coarse textures. Generally, depth to the water table associated with these soils is greater than 10 feet below ground surface (bgs) (Environmental Data Resources, Inc. [EDR] 2009a).

Underlying the soils are Permian and Cretaceous rocks. Permian rocks consist of shale and sandstone but also contain beds of halite, gypsum, anhydrite, and minor limestone. Cretaceous rocks consist largely of shale, sandstones, limestone, chalk, sand, and clay (USGS 1997).

2.2.2 Hydrogeology

Gage County is underlain by the Great Plains aquifer system, as well as a confining unit. Typically, only small amounts of water can be obtained by wells drilled into confining units. The Great Plains aquifer contains two sandstone aquifers in Cretaceous rocks separated by a shale confining unit. A thick confining unit composed of shale, chalk, and limestone formations overlies the Great Plains aquifer and separates it from the High Plains Aquifer in most places (USGS 1997).

2.2.3 Hydrology

Area drainage is primarily southwest toward the Big Blue River. Site drainage is primarily west toward Indian Creek, although a small earthen berm at the southwest corner of the property likely blocks some runoff from entering Indian Creek. Indian Creek enters the Big Blue River approximately 0.3 mile south of the subject property. Principal tributaries of the Big Blue River are the Big Indian, Bear, and Clatonia Creeks. These streams flow constantly, except during periods of prolonged drought (U.S. Department of Agriculture [USDA] 1964).

2.3 SITE HISTORY AND LAND USE

The subject property is a fuel storage yard enclosed by a chain link fence, and contains several ASTs, numerous 55-gallon drums, two large storage buildings, and two small sheds (see Appendix A, Figure 2). Eight actively used ASTs and two ASTs that appeared to be inactive were observed on the subject property during the Phase I site reconnaissance on April 9, 2009. The fill pipes leading to the active ASTs indicated that the tanks contained diesel, gasoline, and kerosene (Tetra Tech 2009).

According to the City Brownfields grant application, the subject property has been under its current ownership and current use since 1940; however, review of historical records indicates that the subject property previously may have been used for other purposes. Available aerial photographs for the subject property appear to depict the subject property in its current use since as early as 1978. Sanborn Fire Insurance maps indicate that the adjacent property to the south historically may have been part of a specialty fabrication operation during at least part of the time interval between 1940 and 1978.

2.4 SUMMARY OF PREVIOUS ASSESSMENTS

A Phase I ESA was completed for Nebraska Department of Environmental Quality (NDEQ) by Terracon in February 2006. This assessment included a review of five sites in the Beatrice area targeted for Brownfields redevelopment by the City of Beatrice, including Farmers Union Co-op Supply Company. The investigation identified potential environmental concerns associated with petroleum product storage and handling at the site, and also identified ongoing oversight by NDEQ's Petroleum Remediation Section of free product remediation at the site.

A Phase I ESA was completed at the site for EPA by Tetra Tech in April 2009. The Phase I ESA identified RECs to the subject property, as well as known RECs at several properties within a 0.5-mile radius (EDR 2009b). The EPA assessment revealed evidence of the following RECs in connection with the subject property:

- The historical and present-day use of the subject property as a fuel storage yard poses a REC to the subject property.
- Petroleum odors and stained soils were detected at the site during site reconnaissance. The soil under several of the ASTs and their associated piping exhibited staining, and petroleum odors were noted emanating from the impacted soil. Moreover, an earthen berm was observed on the southwest portion of the subject property. The presence of the earthen berm appears to have been intended to prevent surface water runoff from migrating off site. Implementation of the measure may well have been intended to prevent on-site petroleum contamination from migrating off site. The probable petroleum contamination poses a REC to the subject property.
- The City's Brownfields grant application included an excerpt from a Phase II report completed for five sites in Beatrice, including the subject property. The Phase II report referenced a petroleum release and ongoing NDEQ oversight of free product remediation efforts at the subject property. The possible presence of a petroleum product release at the subject property poses a REC to the subject property.
- A machine shop is depicted on the adjacent property to the south of the subject property. This feature appears on Sanborn maps from the years 1913, 1923, 1948, and 1953. Beginning with the Sanborn map from the year 1923, a plating operations room is depicted in the machine shop building. Based on the proximity to the subject property and the potential for contamination, the historical presence of plating operations on the property adjacent to the subject property poses a historical REC to the subject property.

3.0 PHASE II TARGETED BROWNFIELDS ASSESSMENT ACTIVITIES

The following sections describe the scope of the Phase II TBA, field exploration, and methods.

3.1 SCOPE OF THE ASSESSMENT

START field team members conducted sampling to determine if subsurface and surficial soils and groundwater at the site have been impacted by historical activities at the subject property or by known contaminant releases at properties adjacent to and surrounding the subject property.

3.1.1 Conceptual Site Model and Sampling Plan

The proposed sampling scheme for collection of soil and groundwater samples was biased/judgmental, in accordance with the *Guidance for Performing Site Inspections under CERCLA*, Office of Solid Waste and Emergency Response (OSWER) Directive # 9345.1-05, September 1992; and the *Removal Program Representative Sampling Guidance, Volume 1: Soil*, OSWER Directive 9360.4-10, November 1991. Eleven subsurface soil samples and three groundwater samples were collected. All of the samples were collected using Geoprobe™ direct-push technology, in accordance with Region 7 EPA standard operating procedure (SOP) 4230.07A, Geoprobe™ Operations. Two background soil samples and one groundwater sample were collected to determine baseline contaminant concentrations for the area, although due to the close proximity of the background sample location, it may have been affected by contamination present at the subject property. One equipment rinsate sample (of the Geoprobe™ Screen Point 15 [SP-15] groundwater sampler) was collected. Sampling methods and activities are described in Section 3.2. A summary of samples collected during the Phase II TBA activities is included in Table 1.

3.1.2 Chemical Testing Plan

Laboratory analyses for chemical parameters were selected based on potential contaminants associated with the fuel storage facility and historical plating operations. Soil and groundwater samples collected during the Phase II TBA activities were analyzed according to the following analytical methods: volatile organic compounds (VOC) by 8260B; semi-volatile organic compounds (SVOC) by 8270C; total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) by OA-1; TPH-diesel range organics (DRO) by OA-2; metals in soil by 6010B; and metals in water by 6020A. All samples were analyzed by Accutest laboratories (see Appendix D).

TABLE 1

SUMMARY OF SAMPLES COLLECTED DURING PHASE II TBA ACTIVITIES
FARMERS UNION COOP SUPPLY COMPANY, BEATRICE, NEBRASKA

Sample Description	Sample Type	Total Number of Samples
Subsurface Soil	Field Sample	11
Background Soil	Field Sample	2
Groundwater (temporary Geoprobe™ well)	Field Sample	3
Background Groundwater	Field Sample	1
Water (equipment rinsate)	Quality Control Sample	1
Water (field blank)	Quality Control Sample	1

Notes:

TBA Targeted Brownfields Assessment

3.1.3 Deviations from the QAPP

Deviations from the QAPP and the rationale are as follows:

- Fewer groundwater samples were collected than specified in the QAPP. Due to a lack of water at some soil borings, groundwater samples were not collected at three of the sample locations. The number of groundwater samples collected compared to subject property size should allow for proper determination of groundwater contamination.
- One soil sample was collected from sampling location SB-1, instead of two samples, due to shallow refusal at the sampling location.
- Two surficial soil samples intended to be collected from 0-2 feet bgs were collected from 2-4 feet bgs due to a strong fuel-like odor emanating from the 2- to 4-foot bgs interval.
- The photoionization detector (PID) was not used for all soil borings to test for VOCs, as the below-freezing temperatures significantly affected the usable battery life of the equipment.

3.2 FIELD EXPLORATION AND METHODS

Field activities at the Farmers Union Co-op Supply Company property were conducted between December 14 and 17, 2009. The START project team members who supported field sampling included Tom Scroggin, Bryant Merriman, and Quan Do.

3.2.1 Subsurface Soil Sampling

Eleven subsurface soil samples, including two background soil samples, were collected for chemical analysis during the field activities. The soil samples were collected from seven boreholes, using Geoprobe™ direct-push technology. Six of the boreholes were located on site, and one background

borehole was located approximately 70 feet north of the subject property (see Appendix A, Figure 3). At each of these boreholes, continuous soil cores were collected with a Geoprobe™ Macro-Core soil sampler fitted with a disposable polyvinyl chloride (PVC) liner. Following sample collection, the soil cores were immediately screened for VOCs with a PID when available, and the 2-foot interval that yielded the highest PID reading was sampled. If no PID reading exceeded the background level, a sample was collected from the 2-foot increment that exhibited visual signs of staining or abnormal changes in stratigraphy.

The soil samples were submitted for analyses for VOCs, SVOCs, TPH-GRO, TPH-DRO, and metals. Soil samples for VOCs analysis were collected following EPA Method 5035 guidelines, which involved placing approximately 5 grams of soil into two 40-milliliter (mL) volatile organic analysis (VOA) vials pre-preserved with methanol. Soil samples for TPH-GRO analysis were collected by placing approximately 5 grams of soil into two 40-mL vials pre-preserved with water. The remaining soil was removed from the Geoprobe™ Macro-Core liner and placed into a disposable aluminum pie pan, homogenized, and transferred to a 2-ounce glass jar for percent (%) solids analysis, and to an 8-ounce glass jar for analyses for SVOCs, TPH-DRO, and total metals.

Pertinent data, including analyses to be performed and sample locations, were included on field sheets (see Appendix D). All soil samples were stored in coolers maintained at or below 4 degrees Celsius (ºC). Table 2 in this report summarizes the sample identification numbers, locations, depth intervals, and analyses for the soil samples collected during the Phase II TBA activities.

3.2.2 Groundwater Sampling

Groundwater samples were collected from three temporary Geoprobe™ monitoring wells installed during the Phase II TBA activities. To collect these groundwater samples, a Geoprobe™ SP-15 groundwater sampler was advanced to 4 feet below the water table. The sampler sheath was then withdrawn 4 feet, exposing a 4-foot-long, disposable, PVC screen, allowing a sample to be collected with a peristaltic pump through polyethylene tubing. New tubing was used for each sample. Geoprobe™ rods and samplers were decontaminated with a tap water wash and rinse between sampling locations. Figure 2 in Appendix A includes the temporary Geoprobe™ monitoring well locations.

The water samples were submitted for analyses for VOCs, SVOCs, TPH-GRO, TPH-DRO, and total and dissolved metals. The water samples submitted for analyses for VOCs and TPH-GRO were each collected in three 40-mL vials preserved with hydrochloric acid to a pH <2. Water samples submitted for analyses for SVOCs and TPH-DRO were collected in two 1-liter amber bottles with no preservative. The

water samples submitted for total metals analysis were collected in one 250 mL plastic bottle and preserved with nitric acid. The water samples submitted for dissolved metals analysis were collected in one 500 mL plastic bottle. Pertinent data, including analyses to be performed and sample locations, were included on field sheets (see Appendix D). All water samples were stored in coolers maintained at or below 4 ºC until they were submitted to Accutest Laboratories. Table 2 summarizes the sample identification numbers, locations, and analyses for the groundwater samples.

TABLE 2

DATA FOR SAMPLES SUBMITTED TO ACCUTEST LABORATORY
FARMERS UNION CO-OP SUPPLY COMPANY, BEATRICE, NEBRASKA

Sample Identification	Sample Location	Depth Interval (bgs)	Matrix	Analysis
FRM-SB-01a	SB-1	0-2 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-02a	SB-2	2-4 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-02b	SB-2	14-16 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-03a	SB-3	0-2 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-03b	SB-3	14-16 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-04a	SB-4	0-2 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-04b	SB-4	14-16 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-05a	SB-5	2-4 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-05b	SB-5	18-20 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-06a	SB-6	0-2 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-06b	SB-6	18-20 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-07a	SB-7 (Background)	0-2 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-SB-07b	SB-7 (Background)	14-16 feet	Soil	VOCs, SVOCs, TPH (GRO & DRO), metals
FRM-GW-02	GW-2 clw SB-2	20 - 24 feet	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals
FRM-GW-05	GW-5 clw SB-5	20 - 24 feet	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals
FRM-GW-06	GW-6 clw SB-6	24 - 28 feet	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals
FRM-GW-07	GW-7 clw SB-7	18 - 22 feet	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals
FRM-Rinsate	Equipment Rinsate	NA	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals
FRM-FB	Field Blank	NA	Water	VOCs, SVOCs, TPH (GRO & DRO), total & dissolved metals

Notes:

bgs Below ground surface
clw Collocated with
DRO Diesel range organics
FRM Farmers Union Co-op Supply Company
GRO Gasoline range organics
NA Not applicable
SVOC Semi-volatile organic compound
TPH Total petroleum hydrocarbons
VOC Volatile organic compound

4.0 EVALUATION AND PRESENTATION OF RESULTS

Sections 4.1 and 4.2 summarize the analytical data for the soil and groundwater samples collected during the Phase II TBA. Soil and groundwater sample results from this TBA were compared to their respective Nebraska Department of Environmental Quality (NDEQ) Voluntary Cleanup Program (VCP) remediation goals (RG). These values have been established by NDEQ to represent protective concentration thresholds for common environmental contaminants in residential and industrial settings, regardless of soil properties and relevant exposure pathways. The complete analytical data packages for the soil and groundwater samples are included in Appendix D.

4.1 SOIL SAMPLES

Five surficial and eight subsurface soil samples (including two background) were submitted to Accutest Laboratories. All 13 of the soil samples were analyzed for VOCs, SVOCs, TPH-GRO, TPH-DRO, and metals.

Volatile Organic Compounds

Of the 11 samples collected on site, eight contained VOCs (not containing any VOCs were SB-1, 0-2 feet bgs; SB-2, 2-4 feet bgs; and SB-4, 0-2 feet bgs). Eleven VOCs were detected in those samples. The VOC detected at the highest concentration was sec-butylbenzene at 0.154 milligrams per kilogram (mg/kg) at sample location SB-6 from 18 to 20 feet bgs. None of the VOCs detected in the soil samples exceeded an established Nebraska VCP RG. Three VOCs were detected in the background samples. None of the VOCs detected in the background samples exceeded Nebraska VCP RGs. Table E-1 in Appendix E summarizes the VOC analytical data for the soil samples.

Semi-Volatile Organic Compounds

SVOCs were detected in two of the 11 on-site soil samples (SB-2, 2-4 ft bgs, and SB-5, 18-20 ft bgs). Seventeen SVOCs were detected in total. The "J" data qualifier indicates the analyte was detected at a level less than the laboratory reporting limit and greater than or equal to the laboratory method detection limit; therefore, the reported concentrations were estimated. One of the samples contained two SVOC compounds that exceeded the Nebraska VCP RGs for residential soils. Sample SB-2, collected from 2 to 4 feet bgs, contained benzo(a)pyrene at 0.468 mg/kg. The Nebraska VCP RG for residential soil is 0.062 mg/kg. This sample also contained benzo(b)fluoranthene at 0.715 mg/kg – above the Nebraska VCP RG of 0.62 mg/kg. Concentrations of benzo(a)anthracene and indeno(1,2,3-cd)pyrene were also detected, though at levels below the Nebraska VCP RGs. Background soil samples (SB-7, 0-2 ft bgs and

SB-7, 14-16 ft bgs) did not contain SVOCs. Table E-2 in Appendix E summarizes the SVOC analytical data for the soil samples.

Total Petroleum Hydrocarbons

TPH-GRO was detected in three of the 11 on-site soil samples. TPH-GRO was not detected in background soil samples. Concentrations of TPH-GRO ranged from 28.7 to 380 mg/kg. The highest concentration (380 mg/kg) was detected in SB-6 from 18 to 20 feet bgs due west of the ASTs identified as RECs during the Phase I TBA. None of the detected concentrations of TPH-GRO exceeded a NDEQ action level for the analyte. TPH-DRO was detected in four of the on-site soil samples, as well as in both background soil samples collected approximately 70 feet north of the subject property. TPH-DRO was detected at concentrations that ranged from 12.0 to 347 mg/kg. The highest concentration of TPH-DRO was detected in sample SB-5 from 2 to 4 feet bgs approximately 70 feet south of the oil spill observed adjacent to SB-2 (see Appendix B, photos 3 and 4). None of the detected concentrations of TPH-DRO exceeded a NDEQ action level for the analyte. The background soil samples ranged in concentration from 12.0 to 22.3 mg/kg, and were sampled from 14 to 16 feet bgs and 0 to 2 feet bgs, respectively. Table E-3 in Appendix E summarizes the TPH analytical data for the soil samples.

Metals

Metals were detected in all 11 on-site soil samples, as well as the two background soil samples. Arsenic was detected in every soil sample at levels above the Nebraska VCP RG for residential soils, but below the Nebraska VCP RG for industrial soils. Concentrations of arsenic ranged from 3.2 to 8.9 mg/kg. The highest concentration (8.9 mg/kg) was detected in SB-3 from 14 to 16 feet bgs, and in SB-5 from 2 to 4 feet bgs. USGS reports that the average arsenic concentration in soil for Gage County, Nebraska is 7.805 mg/kg (USGS 2010). Barium was detected in every soil sample at levels below the Nebraska VCP RG benchmarks. Concentrations of barium ranged from 60.2 to 350 mg/kg. The highest concentration (350 mg/kg) was detected in SB-6 from 18 to 20 feet bgs. Cadmium was detected in every soil sample at levels below the Nebraska VCP RG benchmarks. Concentrations of cadmium ranged from 0.16 J mg/kg to 0.87 mg/kg. The highest concentration (0.87 mg/kg) was detected in SB-4 from 0 to 2 feet bgs approximately 20 feet to the southwest of the remaining ASTs. Chromium was detected in every soil sample at levels below the Nebraska VCP RG benchmarks. Concentrations of chromium ranged from 6.7 to 21.8 mg/kg. The highest concentration (21.8 mg/kg) was detected in SB-3 from 14 to 16 feet bgs. Lead was detected in every soil sample at levels below the Nebraska VCP RG benchmarks. Concentrations of lead ranged from 8.8 to 93.8 mg/kg. The highest concentration (93.8 mg/kg) was detected in SB-2 from 2 to 4 feet bgs. Mercury was detected in 11 of the 13 soil samples, in all cases

below the Nebraska VCP RG benchmarks. Concentrations of mercury ranged from 0.0025 J mg/kg to 0.13 mg/kg. The highest concentration (0.13 mg/kg) was detected in SB-2 from 2 to 4 feet bgs. Mercury was not detected in SB-1 from 0 to 2 feet bgs, and SB-3 from 0 to 2 feet bgs. Silver was detected in every soil sample at levels below the Nebraska VCP RG benchmarks. Concentrations of silver ranged from 0.069 to 0.31 mg/kg. Table E-4 in Appendix E summarizes the metals analytical data for the soil samples.

4.2 GROUNDWATER SAMPLES

Three downgradient groundwater samples, one background sample, and one equipment rinsate blank were submitted to Accutest Laboratories for analyses for VOCs, SVOCs, TPH-GRO, TPH-DRO, and total/dissolved metals. Samples were collected by advancing temporary monitoring wells with Geoprobe™ direct-push technology.

Volatile Organic Compounds

Three of the four groundwater samples collected contained VOCs. A total of 14 VOCs were detected in those samples. One of the on-site groundwater samples (FRM-GW-6) contained VOCs above Nebraska VCP RG benchmarks. The VOCs detected in groundwater samples at or above Nebraska VCP RG benchmarks include 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, methyl tertiary butyl ether, and naphthalene.

1,2,4-trimethylbenze was detected in sample FRM-GW-6 at a concentration of 40.7 µg/L, above the Nebraska VCP RG of 3.1 µg/L. 1,3,5-trimethylbenzene was detected in sample FRM-GW-6 at a concentration of 7.3 µg/L, above the Nebraska VCP RG benchmark of 3.1 µg/L. Benzene was detected in sample FRM-GW-6 at a concentration of 392 µg/L, well above the Nebraska VCP RG of 5 µg/L. Methyl tertiary butyl ether was detected in sample FRM-GW-6 at a concentration of 592 µg/L, well above the Nebraska VCP RG benchmark of 3.9 µg/L. Napthalene was detected in sample FRM-GW-6 at a concentration of 13.4 µg/L, above the Nebraska VCP RG benchmark of 1.5 µg/L. Tetrachloroethylene (PCE) was detected in sample FRM-GW-7 at a concentration of 3.6 µg/L, below the Nebraska VCP RG of 5.0 µg/L. Table E-5 in Appendix E summarizes the VOC analytical data for the groundwater samples.

While more commonly associated with the dry cleaning industry, PCE has historically been used in operations where metal degreasing is necessary. Auto salvage yards and plating operations have historically used PCE as a metal degreaser. A plating operation is visible on historical Sanborn Insurance maps in a building approximately 200 feet to the south of the subject property (EDR 2009b). Auto

salvage yards are also located directly to the north and south of the subject property. PCE contamination in the groundwater could likely be attributable to the auto salvage yards and/or former plating operation.

Semi-Volatile Organic Compounds

Three of the four groundwater samples collected contained SVOCs. The sample FRM-GW-2 did not contain SVOCs. One of the on-site groundwater samples contained SVOCs above a Nebraska VCP RG. Napthalene was detected in sample FRM-GW-6 at a concentration of 2.7 J µg/L, above the Nebraska VCP RG benchmark of 1.5 µg/L. The SVOCs detected in groundwater which did not meet or exceed a Nebraska VCP RG benchmark included 1-methylnaphthalene, bis(2-ethylhexyl)phthalate and phenol. Currently, there is no established Nebraska VCP RG for 1-methylnaphthalene. Table E-6 in Appendix E summarizes the SVOC analytical data for groundwater samples.

Total Petroleum Hydrocarbons

TPH-GRO was detected in one of the three on-site groundwater samples. Sample SB-6 contained TPH-GRO at a concentration of 3.21 micrograms per liter (µg/L), well below Nebraska VCP action levels. TPH-DRO (mineral spirits) was detected in two of the on-site groundwater samples, as well as in the equipment rinsate sample. TPH-DRO was detected at 0.188 µg/L and 0.266 µg/L from samples SB-5 and SB-6, respectively. Table E-3 in Appendix E summarizes the TPH analytical data for groundwater samples.

The equipment rinsate sample, which was collected by pouring deionized water through the Geoprobe™ SP-15 groundwater sampler following routine decontamination procedures, contained TPH-DRO (mineral spirits) at a concentration of 0.315 µg/L. The presence of TPH-DRO in the equipment rinsate may be a result of cross contamination during sampling or laboratory procedures.

Total and Dissolved Metals

Total and dissolved metals were detected in all three on-site groundwater samples, as well as in the background groundwater sample. Arsenic was detected in the three on-site groundwater samples, as well as in the background groundwater sample. One sample contained total and dissolved arsenic at levels above the Nebraska VCP RG. Total and dissolved arsenic were detected in sample FRM-GW-2 at concentrations of 85 µg/L and 270 µg/L, respectively, above the Nebraska VCP RG of 50 µg/L. Total and dissolved arsenic were detected in sample FRM-GW-6 at concentrations of 13 µg/L and 12 µg/L, respectively, well below the Nebraska VCP RG. Cadmium was detected in the three on-site groundwater samples, as well as the background groundwater sample. Dissolved cadmium was detected in FRM-GW-2 at a concentration of 12 µg/L, above the Nebraska VCP RG of 5 µg/L. Concentrations of

cadmium ranged from 1.3 to 2.2 µg/L (total metals analysis), and one location contained cadmium at 12 µg/L (dissolved metals analysis). One sample location, FRM-GW-5, contained total lead at a concentration of 53 µg/L, above the Nebraska VCP RG of 15 µg/L. Concentrations of lead ranged from 1.4 J µg/L to 53 µg/L (total metals analysis) and 0.05 J µg/L to 0.08 J µg/L (dissolved metals analysis). Barium was detected in the three on-site groundwater samples, as well as in the background groundwater sample, at levels below the Nebraska VCP RG. Concentrations of barium ranged from 230 to 1600 µg/L (total metals analysis) and 1.5 to 290 µg/L (dissolved metals analysis). Chromium was detected in the three on-site groundwater samples, as well as in the background groundwater sample, although at levels below the Nebraska VCP RG. Concentrations of chromium ranged from 0.1 J µg/L to 16 µg/L (total metals analysis) and 1.1 J µg/L to 12 µg/L (dissolved metals analysis). Lead was detected in two of the on-site groundwater samples, as well as in the background sample. Mercury was detected in one of the on-site groundwater samples, as well as in the background sample, although at levels below the Nebraska VCP RG. Concentrations of mercury ranged from 0.0016 J µg/L (total metals analysis) and 0.0075 to 0.096 J µg/L (dissolved metals analysis). Selenium was detected in the three on-site groundwater samples, as well as in the background sample, although at levels below the Nebraska VCP RG. Concentrations of selenium ranged from 5.7 to 11 µg/L (total metals analysis) and 5.1 to 13 µg/L (dissolved metals analysis). Table E-7 in Appendix E summarizes the total and dissolved metals analyses for groundwater samples.

5.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

This section addresses the RECs to the subject property and the affected media.

5.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

This Phase II TBA has confirmed the following RECs to the subject property:

- Subsurface soil samples collected from the site contained VOCs, SVOCs, TPH-GRO, TPH-DRO, and metals. No VOCs in the soil samples were detected at concentrations that exceeded Nebraska VCP RGs. Seventeen SVOCs were detected in the subsurface soil samples, although only two were detected at concentrations higher than an established Nebraska VCP RG for residential soils. Benzo(a)pyrene was detected at a concentration of 0.468 mg/kg in sample SB-2 at a depth of 2 to 4 feet bgs— above the Nebraska VCP RG for residential soils of 0.062 mg/kg. Benzo(b)fluoranthene was detected in the same sample at 0.715 mg/kg – above the Nebraska VCP RG of 0.62 mg/kg. No TPH-GRO or TPH-DRO were detected at concentrations that exceeded removal action benchmarks. Metals were detected in every surface and subsurface soil sample collected on site. Arsenic was detected in all soil samples at levels above the established Nebraska VCP RG of 0.39 mg/kg for residential soils, but below the VCP RG of 16 mg/kg for industrial soils. The occurrence of arsenic in the site soils is representative of background levels in Gage County, Nebraska, as shown by the USGS online geochemistry database (USGS 2010). No other metals were detected in soils at levels exceeding a Nebraska VCP RG.

- Groundwater samples collected from three on-site and one background Geoprobe™ temporary monitoring wells contained VOCs, SVOCs, TPH-GRO, TPH-DRO, and total and dissolved metals. VOCs were detected in two on-site groundwater samples, as well as in the background sample. 1,2,4-trimethylbenzene (40.7 µg/L), 1,3,5-trimenthylbenzene (7.3 µg/L), benzene (392 µg/L), methyl tert butyl ether (592 µg/L), and naphthalene (13.4 µg/L) were detected at concentrations exceeding Nebraska VCP RGs. All concentrations exceeding the VCP RGs were reported in sample FRM-GW-6. Tetrachloroethylene, isopropylbenzene, ethylbenzene, m,p-xylene, n-butylbenzene, n-propylbenzene, o-xylene, toluene, and xylene (total) were detected, but at levels below Nebraska VCP RGs. SVOCs were detected in two on-site groundwater samples, as well as in the background sample. However, only naphthalene was detected in one groundwater sample (FRM-GW-6) at a concentration that exceeded the Nebraska VCP RG. Bis(2-ethylhexyl)phthalate and phenol were detected, but at levels below Nebraska VCP RG benchmarks. 1-Methylnaphthalene was also detected in one sample; currently there is no established Nebraska VCP RG for this analyte. TPH-GRO was detected in one on-site groundwater sample but not at a concentration that exceeded a removal action benchmark. TPH-DRO was detected in two on-site groundwater samples, as well as in the equipment rinsate. Detection of TPH-DRO in these samples, as well as the equipment rinsate, may be a result of cross contamination during sampling or laboratory procedures. Metals were detected in all three on-site groundwater samples, as well as in the background groundwater sample. Arsenic, cadmium and lead exceeded the Nebraska VCP RGs in one or more of the on-site groundwater samples. Arsenic was reported at total and dissolved concentrations of 85 µg/L and 270 µg/L, respectively, in sample FRM-GW-2. A dissolved cadmium concentration of 12 µg/L was reported in the same sample. And a total lead concentration of 53 µg/L was reported in sample FRM-GW-5. Metals concentrations did not exceed any Nebraska VCP RG benchmarks in the background groundwater sample, FRM-GW-7.

Many of the contaminants detected in the soil and groundwater samples collected at the Farmers Union Co-op Supply Company are commonly found in petroleum products stored at the subject property and solvents used in plating operations; some SVOCs detected may be products of incomplete combustion of fuels. All of these contaminants could be associated with activities likely conducted at the current on-site fuel storage facility and nearby former plating operation.

5.2 AFFECTED MEDIA

Based on sampling conducted during this Phase II TBA, both soil and groundwater appear to have been affected by historical activities associated with fuel storage activities located at the subject property.

6.0 REFERENCES

Environmental Data Resources, Inc. (EDR). 2009a. Radius Map with GeoCheck©. April 7.

EDR. 2009b. Sanborn Map Report. April 8.

Google Earth. 2009. Historical Aerial Imagery. Accessed November 2009.

Tetra Tech, EM Inc. 2009. "Phase I Targeted Brownfields Assessment: Farmers Union Co-op Supply Company, Beatrice, Nebraska." Prepared for the U.S. Environmental Protection Agency under Contract No. EP-S7-06-01. August 7.

U.S. Department of Agriculture (USDA). 1964. Soil Survey of Gage County, Nebraska. May.

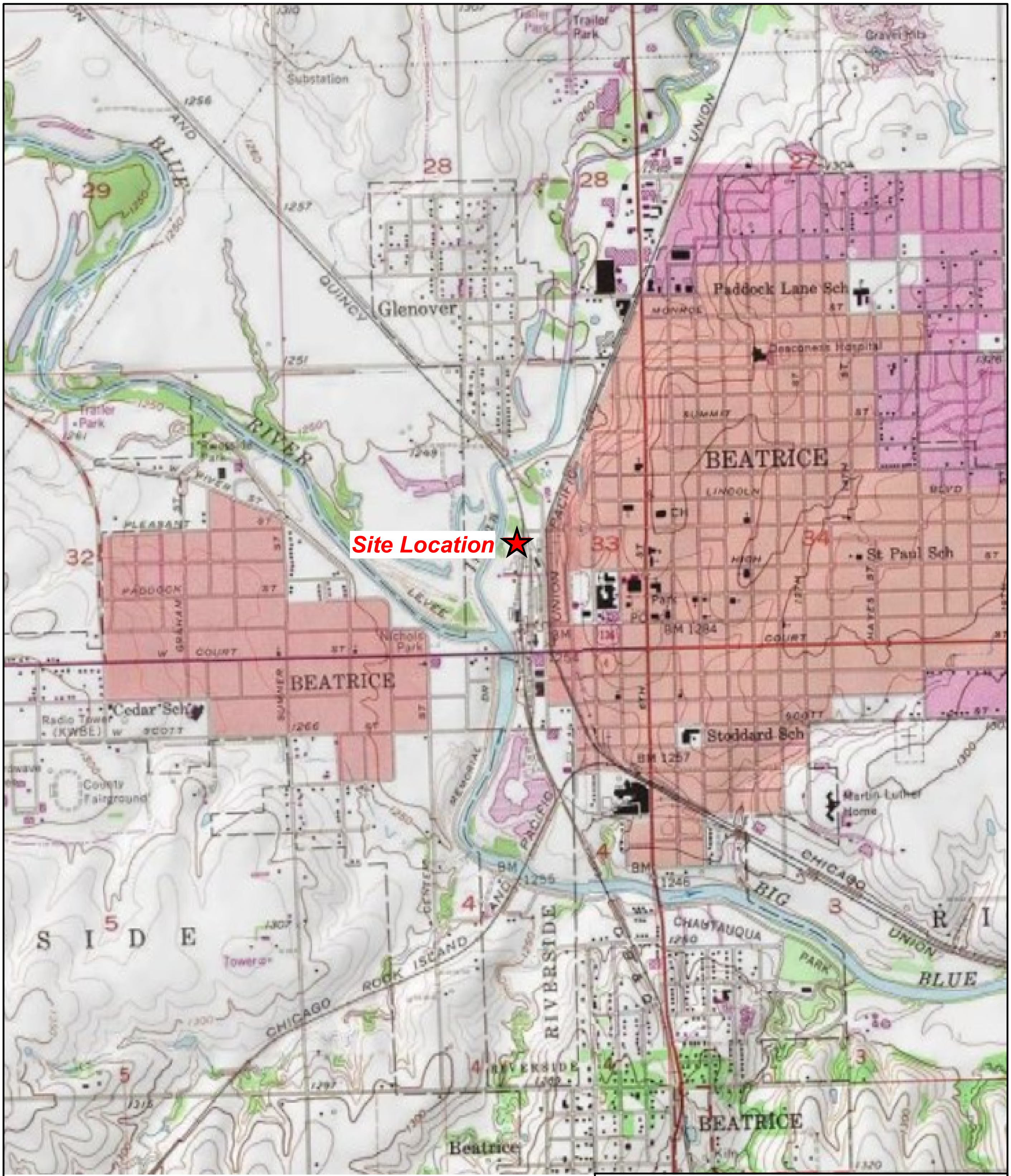
U.S. Geological Survey (USGS). 2009. Beatrice West, Nebraska Quadrangle. 7.5-Minute Topographic Series. Imagery dated July 2006.

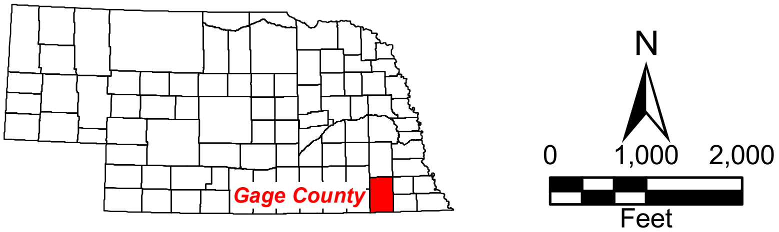
USGS. 1997. Groundwater Atlas of the United States: Kansas, Missouri, Nebraska. On-line address: http://pubs.usgs.gov/ha/ha730/ch_d/index.html

USGS. 2010. Average Concentrations of Elements in Gage County, Nebraska. On-line address: http://tin.er.usgs.gov/geochem/county.php?place=f31067&el=As&rf=central

APPENDIX A

FIGURES





Source: USGS Beatrice West, NE 7.5 Minute Topo Quad, 1980
USGS Beatrice East, NE 7.5 Minute Topo Quad, 1980

X:\G\9004\0002\015\011\Projects\mxd\Figure1.mxd

Farmers Union Co-op Supply Company
Beatrice, Nebraska

Figure 1
Site Location Map

TETRA TECH EM INC.

Date: 04/22/09
Drawn By: Ingrid Tobar
Project No: X9004.L.06.0002.015.011

Legend

Street

Perennial Stream

N

0 100 200

Feet

Source: GlobeXplorer Aerial Imagery, DigitalGlobe, 2006; ESRI Data Maps, 2007; HSIP Gold, 2007.

Farmers Union Co-op Supply Company
Beatrice, Nebraska

Figure 2
Site Layout Map

TETRA TECH EM INC.

Date: 09/22/09 Drawn By: Ingrid Tobar Project No: X9004.L.06.0002.015.011

X:\GIS\9004\0002\015\01\1\Projects\mxd\Figure2.mxd

Legend

- Subsurface Soil Sample Location
- Subsurface Soil and Groundwater Sample Location
- Street
- Perennial Stream
- Approximate Property Boundary
- GW Groundwater
- SB Soil Boring

N

0 50 100

Feet

Source: Google Earth Rectified Imagery, 2006; ESRI Data Maps, 2007; HSIP Gold, 2007.

Farmers Union Co-op Supply Company
Beatrice, Nebraska

Figure 3
Sample Location Map

TETRA TECH EM INC.

Date: 03/18/10 Drawn By: Ingrid Tobar Project No: X9004.L.06.0002.015.011

X:\G\9004\0002\015\0.1\Projects\mxd\Figure3_031810.mxd

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Farmers Union Co-op Supply Company

Beatrice, Nebraska

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	Shed housing above ground fuel tanks not viewed during Phase I ESA.	1
	CLIENT	EPA Region 7	Date
Direction: Southwest	PHOTOGRAPHER	Tom Scroggin	12-16-09

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	Inside shed housing above ground fuel tanks containing diesel fuel and kerosene.	2
	CLIENT	EPA Region 7	Date
Direction: West	PHOTOGRAPHER	Tom Scroggin	12-16-09

Farmers Union Co-op Supply Company

Beatrice, Nebraska

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	55-gallon drums and adjacent fuel spill, directly northeast of sampling location SB-2.	3
	CLIENT	EPA Region 7	Date
Direction: North	PHOTOGRAPHER	Tom Scroggin	12-16-09

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	Fuel consistency adjacent to 55-gallon drums, directly northeast of sampling location SB-2.	4
	CLIENT	EPA Region 7	Date
Direction: North	PHOTOGRAPHER	Tom Scroggin	12-16-09

Farmers Union Co-op Supply Company

Beatrice, Nebraska

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	START preparing for sampling event.	5
	CLIENT	EPA Region 7	Date
Direction: Northeast	PHOTOGRAPHER	Tom Scroggin	12-16-09

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	Drilling subcontractor advancing soil boring and groundwater sample at SB-2.	6
	CLIENT	EPA Region 7	Date
Direction: Northwest	PHOTOGRAPHER	Tom Scroggin	12-16-09

Farmers Union Co-op Supply Company

Beatrice, Nebraska

TETRA TECH PROJECT NO. X9004.06.0002.015.011	DESCRIPTION	Advancing soil boring and groundwater sample at SB-3	7
	CLIENT	EPA Region 7	Date
Direction: Northwest	PHOTOGRAPHER	Tom Scroggin	12-16-09

APPENDIX C

SITE LOGBOOK

12/14/09

10:05 STMs Tom Scroggin, Bryant Merriman, and Quan Do depart from KC office for Beatrice, Nebraska.

11:45 Break for Lunch

12:15 Continue to Beatrice, Nebraska.

14:35 arrive at Beatrice, Nebraska, check in to Holiday Inn, unload sample coolers

15:30 arrive at Farmers Union Co-op Supply Company to meet with city utilities, cleared both properties with Black Hills Energy, water utilities, and phone lines.

* Sampling activities at Beatrice Concrete Company

12/16/09

12:45 Mob to Farmers Union Co-op Supply Company

1300 Met with Dudley Baker of Farmers Union Coop Supply Company to discuss property and history. Dudley recalled a groundwater recovery system had been installed years back on the West side of the property. The system was apparently removed from the property after the area had been deemed remediated. Specifics of the recovery system are unknown.

14:02 Collect SB-1
Soil sample taken from 0-2 ft BGS. Refusal hit at 5 ft BGS, no second soil sample taken from location
No Groundwater sample taken from location due to refusal
GPS: 40.27011 -96.75336

14:15 Collect SB-2 and GW-2
Soil samples taken from ~~0-2~~ 2-4 ft BGS
and 14-16 ft BGS
Groundwater taken from 24 ft BGS
GPS: 40.27018 -96.75355
15:05 Collect SB-3
Soil samples taken from 0-2 ft BGS
and 14-16 ft BGS
Gas smell noted in Geoprobe cores
15:10 STM Merriman mobs to Lincoln, NE
to fedex samples to laboratory
SB-3 GPS: 40.27008 -96.75410
16:00 Collect SB-4
Soil samples taken from 0-2 ft BGS
and 14-16 ft BGS
GPS: 40.270047 -96.754303
16:45 mob to Walmart for field supplies
17:30 mob to hotel, completed for the day

12/17/09
07:30 mob to Farmers Union Coop Supply Company
08:01 Collect Rinsate Blank
08:11 Collect field Blank
08:15 Collect SB-5 and GW-5
Soil samples taken from 2-4 ft BGS
and 18-20 ft BGS
Groundwater samples taken from
24 ft BGS.
GPS: 40.270089 -96.753754
Kerosene smell noted with grey/green
tinted soil from 2-4.5 ft BGS
09:37 Collect SB-6 and GW-6
Soil samples taken from 0-2 ft BGS
and 18-20 ft BGS.
Groundwater sample taken from
28 ft BGS
GPS: 40.270205 -96.754262
11:05 Collect SB-7 and GW-7 Backgrounds
Soil samples taken from 0-2 ft BGS
and 14-16 ft BGS
Groundwater samples taken from
22 ft BGS
GPS: 40.270639 -96.753742

12:30	finished sampling, break for Lunch
13:00	mob to farmers Union Coop Supply company office to return property gate Key.
13:05	Depart Beatrice, Nebraska for KC office
~~16:45~~	T.S.
16:15	Drop off final samples at fed ex in St Joseph, MO
16:45	arrive at KC office

APPENDIX D

CHAIN-OF-CUSTODY RECORDS, FIELD SHEETS, AND ANALYTICAL RESULTS

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44430

Client / Reporting Information

Company Name: TTEMI

Project Contact: Emily Fisher or Bryant Merriman — E-Mail: emily.fisher@ttemi.com

Address: 415 Oak Street

City: Kansas City — State: MO — Zip: 64106

Phone No.: 816-412-1741 — Fax No.:

Samplers's Name:

Project Information

Project Name / No.: Farmers Co-op Supply Site

Bill to: TTEMI — Invoice Attn.: Lisa K. Wilson

Address: 415 Oak Street

City: Kansas — State: MO — Zip: 64106

Phone No.: — Fax No.:

Client Purchase Order #:

Requested Analyses

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Dissolved Metals /6020/7470 (Waters)					LAB USE ONLY
1	Rinsate	12/16/09	1155	GW																					
2	Rinsate	12/17/09	801	GW																					
3	Field Blank	12/16/09	1208	GW																					
4	Field Blank	12/17/09	811	GW																					
5/6	SB-5	12/17/09	815	SO																					
7 ~~8~~	SB-5	12/17/09	815	GW																					
8/9	SB-6	12/17/09	937	SO																					
10/~~11~~	SB-6	12/17/09	937	GW																					
11/12	SB-7	12/17/09	1105	SO																					
13	SB-7	12/17/09	1105	GW																					

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By:/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only

Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Bryant Merriman	12/17/09 1550	1	2 FedEx	12/18/09 9AC	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

4.1

4

T44430: Chain of Custody

Page 1 of 7

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44430

Client / Reporting Information

Company Name: TTEMI
Project Contact: Emily Fisher or Bryant Merriman
E-Mail: emily.fisher@ttemi.com
Address: 415 Oak Street
City: Kansas City State: MO Zip: 64106
Phone No.: 816-412-1741 Fax No.:
Samplers's Name:

Project Information

Project Name / No.: Beatrice Concrete Company Site
Bill to: TTEMI Invoice Attn.: Lisa K. Wilson
Address: 415 Oak Street
City: Kansas State: MO Zip: 64106
Phone No.: Fax No.:
Client Purchase Order #:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Ph	Dissolved Metals /6020/7470 (Waters)				LAB USE ONLY
14/15	SB-3	12/16/09	1505	SO																					
16/17	SB-4	12/16/09	1600	SO																					

Sampling Complete

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Bryant Merriman	12/17/09 1550	1	2 FCDS	12/18-9	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

4.1 4

T44430: Chain of Custody
Page 2 of 7

SAMPLE INSPECTION FORM

Accutest Job Number: T44430 Client: TTCMI Date/Time Received: 12-18-9 940

# of Coolers Received: 5 Thermometer #: IR-1 Temperature Adjustment Factor: +.4

Cooler Temps: #1: 3.2°C #2: 1.8°C #3: 2.0°C #4: 4.8°C #5: 3.0°C #6: _____ #7: _____ #8: _____

Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: _____

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [X] Analyses unclear or missing
- [ ] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [X] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [X] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [X] Received Water Trip Blank
- [X] Received Soil TB

Number of Encores? _____
Number of 5035 kits? 10
Number of lab-filtered metals? _____

Summary of Discrepancies:
(1) All groundwater samples received say SB on chain but Bottle ids say GW (GS is #7,10,13)
(2) All Soil samples on COC ids are not identified by depth / Bottle ids are identified by depth.
(3) No Analysis on COC are checked

TECHNICIAN SIGNATURE/DATE: _____ 12-18-9

INFORMATION AND SAMPLE LABELING VERIFIED BY: TC 12/18/09

CORRECTIVE ACTIONS

Client Representative Notified: _____ **Date:** _____

By Accutest Representative: _____ **Via:** Phone Email

Client Instructions:

I:\mwalker\form\samplemanagement

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	1	Rinsate	12-16-9 1155	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	2	Rinsate	12/17-9 801	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	3	Field Blank	12-16-9 1200	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	4	Field Blank	12-17-9 811	↓	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	5	SB5 2-4'	12/17-9 815	S	802	1	2-42	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	202	2	VR	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 4 of 7

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	6	SB 5 10-20'	12-17-9 850	S	802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	7	GW-5	12-17-9 815	W	LAG	1-4	~~2-42~~ VK	1	<2 >12
					500	5		1	<2 >12
					250	6		1	<2 >12
					40	7-12	VR	1	<2 >12
	8	SB-6 0.2'	937	S	802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	9	SB-6 10-20'	937		802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	10	GW-6	937	W	LAG	1-4	1-K	1	<2 >12
					500	5		1	<2 >12
					250	6		1	<2 >12
					40	7-12	VR	1	<2 >12
					~~EG~~			1	<2 >12
								1	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 5 of 7

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH	
	11	SB-7 0.2'	12-17-9 1105	S	8oz	1	2-4R	1	<2	>12
					2oz	2	VR	1	<2	>12
					40	3-4		7	<2	>12
					40	5-6		6	<2	>12
	12	SB-7 14-16'	1105		8oz	1	2-4R	1	<2	>12
					2oz	2	VR	1	<2	>12
					40	3-4		7	<2	>12
					40	5-6		6	<2	>12
	13	GW-7	—	W	1LAG	1-4	7-K	1	<2	>12
					500	5	K	1	<2	>12
					250	6	1-K	3	<2	>12
					40	7-12	VR	2	<2	>12
	14	SB-3 0.2'	12-17-9 1505	S	8oz	1	2-4R		<2	>12
					2oz	2	VR		<2	>12
					40	3-4			<2	>12
					40	5-6			<2	>12
	15	SB-3 14-16'	1505		8oz	1	2-4R		<2	>12
					2oz	2	VR		<2	>12
					40	3-4			<2	>12
					40	5-6			<2	>12
									<2	>12
									<2	>12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 6 of 7

SAMPLE RECEIPT LOG

JOB #: T44430

DATE/TIME RECEIVED: 11-18-9 940

CLIENT: TTEMI

INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	16	SB-4 0-2'	12-16-9 1600	S	8oz	1	2-42	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 [✓ 7] 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 [✓ 6] 7 8	<2 >12
	17	SB-4 14-16'	1600	S	8oz	1	242	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 [✓ 7] 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 [✓ 6] 7 8	<2 >12
	18 (W) Trip Blank		—	WTB	40	1-2	VR	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	19		—	WTB	↓	1-2	↓	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	20 (S) Trip Blank		—	STB	↓	1-4	↓	1 2 3 4 5 [✓ 6] [✓ 7] 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

EC 11-18-9

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

T44430: Chain of Custody
Page 7 of 7

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44344

Client / Reporting Information

Company Name: TTEMI	
Project Contact: Emily Fisher or Bryant Merriman	E-Mail: emily.fisher@ttemi.com
Address: 415 Oak Street	
City: Kansas City	State: MO	Zip: 64106
Phone No.: 816-412-1741	Fax No.:
Samplers's Name	

Project Information

Project Name / No.: Beatrice Concrete Company Site	
Bill to: TTEMI	Invoice Attn.: Lisa K. Wilson
Address: 415 Oak Street	
City: Kansas	State: MO	Zip: 64106
Phone No.:	Fax No.:
Client Purchase Order #: 103DX9004L060002015.010	

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Ph	Dissolved Metals /6020/7470 (Waters)				LAB USE ONLY
21, 22	GW-16	12/16/09	11:11	SO																					
23, 24	GW-9	12/16/09	08:21	GW																					
24	GW-11	12/16/09	09:50	GW																					
25	GW-16	12/16/09	11:11	GW																					
26	SB-1	12/16/09	14:02	SO																					
27, 28	SB-2	12/16/09	14:15	SO																					
29	SB-2	12/16/09	14:15	GW																					

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SO - Soil
SL - Sludge
OI - Oil
LIQ - Liquid
SOL - Other Solid

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD* — Approved By:/ Date:
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Tom Scroggin	12/16/09 15:00	1	2 Fed Ex	12/17/09 0915	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 5.8

4.1

4

T44344: Chain of Custody
Page 2 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9

CLIENT: TTEMS INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	26	SB-1	12-16-9 1402	S	8oz	1	2-40	1	<2 >12
					2oz	2	VR	1	<2 >12
					40ml	3-4		7	<2 >12
					40ml	5-6		6	<2 >12
	27	SB-2 2-4'	1415		8oz	1	2-40	1	<2 >12
					2oz	2	VR	1	<2 >12
					40ml	3-4		7	<2 >12
					40ml	5-6		6	<2 >12
	28	SB-2 14-16'	1415		8oz	1	2-40	1	<2 >12
					2oz	2	VR	1	<2 >12
					40ml	3-4		7	<2 >12
				W	40ml	5-6		6	<2 >12
	29	GW-2		W	VOA	1-4	1-J	1	<2 >12
					500	5		1	<2 >12
					250	6		3	<2 >12
					40	7-12		2	<2 >12
	30	GW-1 0-2		S	8oz	1	2-40	1	<2 >12
					2oz	2	VR	1	<2 >12
					40	3-4		7	<2 >12
					40	5-6		6	<2 >12
									<2 >12
									<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344: Chain of Custody

Page 9 of 10

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-1a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44344-26

Latitude: 40.27011 **Sample Collection:** 12 / 16 / 09 14 : 02

Longitude: -96.75336

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 0-2 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-2a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44344-27

Latitude: 40.27018 **Sample Collection:** 12 / 16 / 09 14 : 15

Longitude: -96.75355

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 2-4 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-2b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44344-28

Latitude: 40.27018 **Sample Collection:** 12 / 16 / 09 14 : 15

Longitude: -96.75355

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 14-16 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Groundwater **Sample Number:** FU-GW-2

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface groundwater sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44344-29

Latitude: 40.27018 **Sample Collection:** 12 / 16 / 09 14 : 15

Longitude: -96.75355

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
40 ml vial	HCL	14 days	VOC/8260
1 Liter amber	None	7 days	SVOC/8270
250 ml plastic	HN03	180 days	Total RCRA Metals/6020A
500 ml plastic	None	24 hours	Dissolved metals/6020
1 Liter amber	None	7 days	DRO/OA-2 (unpreserved)
40 ml vial	HCL	14 days	GRO/OA-1

Property Owner Information:

Farmer's Union Coop Supply Company

1615 N. 6th St.

Beatrice, Nebraska 68310

(402) 223-3221

Sample Comments: 24 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-3a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-14

Latitude: 40.27008 **Sample Collection:** 12 / 16 / 09 15 : 05

Longitude: -96.75410

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 0-2 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-3b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-15

Latitude: 40.27008 **Sample Collection:** 12 / 16 / 09 15 : 05

Longitude: -96.75410

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 14-16 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-4a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-16

Latitude: 40.2700047 **Sample Collection:** 12 / 16 / 09 16 : 00

Longitude: -96.754303

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 0-2 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-4b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-17

Latitude: 40.2700047 **Sample Collection:** 12 / 16 / 09 16 : 00

Longitude: -96.754303

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 14-16 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-5a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-5

Latitude: 40.270089 **Sample Collection:** 12 / 17 / 09 08 : 15

Longitude: -96.753754

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 2-4 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-5b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-6

Latitude: 40.270089 **Sample Collection:** 12 / 17 / 09 08 : 15

Longitude: -96.753754

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-$H_2$0/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:

Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 18-20 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Groundwater **Sample Number:** FU-GW-5

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface groundwater sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-7

Latitude: 40.270089 **Sample Collection:** 12 / 17 / 09 08 : 15

Longitude: -96.753754

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
40 ml vial	HCL	14 days	VOC/8260
1 Liter amber	None	7 days	SVOC/8270
250 ml plastic	HN03	180 days	Total RCRA Metals/6020A
500 ml plastic	None	24 hours	Dissolved metals/6020
1 Liter amber	None	7 days	DRO/OA-2 (unpreserved)
40 ml vial	HCL	14 days	GRO/OA-1

Property Owner Information:

Farmer's Union Coop Supply Company

1615 N. 6th St.

Beatrice, Nebraska 68310

(402) 223-3221

Sample Comments: 24 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-6a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin
Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska
Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company
External Sample Number: Accutest Lab ID: T44430-8
Latitude: 40.270205 **Sample Collection:** 12 / 17 / 09 09 : 37
Longitude: -96.754262

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-H_20/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:
Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 0-2 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-6b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin
Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska
Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company
External Sample Number: Accutest Lab ID: T44430-9
Latitude: 40.270205 **Sample Collection:** 12 / 17 / 09 09 : 37
Longitude: -96.754262

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-H_20/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:
Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 18-20 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Groundwater **Sample Number:** FU-GW-6

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface groundwater sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-10

Latitude: 40.270205 **Sample Collection:** 12 / 17 / 09 09 : 37

Longitude: -96.754262

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
40 ml vial	HCL	14 days	VOC/8260
1 Liter amber	None	7 days	SVOC/8270
250 ml plastic	HN03	180 days	Total RCRA Metals/6020A
500 ml plastic	None	24 hours	Dissolved metals/6020
1 Liter amber	None	7 days	DRO/OA-2 (unpreserved)
40 ml vial	HCL	14 days	GRO/OA-1

Property Owner Information:

Farmer's Union Coop Supply Company

1615 N. 6th St.

Beatrice, Nebraska 68310

(402) 223-3221

Sample Comments: 28 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-7a

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin
Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska
Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company
External Sample Number: Accutest Lab ID: T44430-11
Latitude: 40.270639 **Sample Collection:** 12 / 17 / 09 11 : 05
Longitude: -96.753742

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-H_20/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:
Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 0-2 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Soil **Sample Number:** FU-SB-7b

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin
Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska
Superfund Name: N/A **Site ID:**

Location Description: Subsurface soil sample at Farmers Union Coop Supply Company
External Sample Number: Accutest Lab ID: T44430-12
Latitude: 40.270639 **Sample Collection:** 12 / 17 / 09 11 : 05
Longitude: -96.753742

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
5035 Field Kit	2-H_20/2-MeOH	48 Hours	VOC/TPH-GRO
2 oz	None	14 days	%SOL
8 oz	None	14 days	SVOC/Ph/TPH-DRO/Total metals

Property Owner Information:
Farmer's Union Coop Supply Company
1615 N. 6th St.
Beatrice, Nebraska 68310
(402) 223-3221

Sample Comments: 14-16 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Sample Collection Field Sheet
US EPA Region 7
Kansas City, KS

Project Number: 103dx9004l060002015.011 **Matrix:** Groundwater **Sample Number:** FU-GW-7

Project ID: Farmers Union Coop Supply Company **Project Manager:** Tom Scroggin

Location: Farmers Union Coop Supply Company, Beatrice, Gage County **State:** Nebraska

Superfund Name: N/A **Site ID:**

Location Description: Subsurface groundwater sample at Farmers Union Coop Supply Company

External Sample Number: Accutest Lab ID: T44430-13

Latitude: 40.270639 **Sample Collection:** 12 / 17 / 09 11 : 05

Longitude: -96.753742

Laboratory Analysis:

Container	Preservative	Holding Time	Analysis
40 ml vial	HCL	14 days	VOC/8260
1 Liter amber	None	7 days	SVOC/8270
250 ml plastic	HN03	180 days	Total RCRA Metals/6020A
500 ml plastic	None	24 hours	Dissolved metals/6020
1 Liter amber	None	7 days	DRO/OA-2 (unpreserved)
40 ml vial	HCL	14 days	GRO/OA-1

Property Owner Information:

Farmer's Union Coop Supply Company

1615 N. 6th St.

Beatrice, Nebraska 68310

(402) 223-3221

Sample Comments: 22 feet below ground surface

Sample Location Map:

Sample collected by: Tom Scroggin

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

01/18/10

Technical Report for

Tetra Tech EM, Inc.

Farmers Co-op Supply Site

Accutest Job Number: T44430

Sampling Dates: 12/16/09 - 12/17/09

Report to:

Tetra Tech
415 Oak Street
Kansas City, MO 64106
bryant.merriman@ttemi.com; emily.fisher@ttemi.com;
Tom.Scroggin@tetratech.com
ATTN: Bryant Merriman

Total number of pages in report: **309**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Georgia Jones 713-271-4700

Certifications: TX (T104704220-06-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103) UT(7132714700)

Test results relate only to samples analyzed.

Table of Contents

-1-

Table of Contents

Accutest Laboratories

Sample Summary

Tetra Tech EM, Inc.

Job No: T44430

Farmers Co-op Supply Site

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
T44430-1	12/16/09	11:58		12/18/09	AQ	Ground Water	RINSATE
T44430-1A	12/16/09	11:58		12/18/09	AQ	Groundwater Filtered	RINSATE (DISSOLVED)
T44430-2	12/17/09	08:01		12/18/09	AQ	Ground Water	RINSATE
T44430-2A	12/17/09	08:01		12/18/09	AQ	Groundwater Filtered	RINSATE (DISSOLVED)
T44430-3	12/16/09	12:08		12/18/09	AQ	Field Blank Water	FIELDBLANK
T44430-3A	12/16/09	12:08		12/18/09	AQ	Field Blank Water	FIELDBLANK (DISSOLVED)
T44430-4	12/17/09	08:11		12/18/09	AQ	Field Blank Water	FIELDBLANK
T44430-4A	12/17/09	08:11		12/18/09	AQ	Field Blank Water	FIELDBLANK (DISSOLVED)
T44430-5	12/17/09	08:15		12/18/09	SO	Soil	SB-5 2-4'
T44430-6	12/17/09	08:15		12/18/09	SO	Soil	SB-5 18-20'
T44430-7	12/17/09	08:15		12/18/09	AQ	Ground Water	SB-5
T44430-7A	12/17/09	08:15		12/18/09	AQ	Groundwater Filtered	SB-5 (DISSOLVED)
T44430-8	12/17/09	09:37		12/18/09	SO	Soil	SB-6 0-2'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Sample Summary
(continued)

Tetra Tech EM, Inc.

Job No: T44430

Farmers Co-op Supply Site

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
T44430-9	12/17/09	09:37		12/18/09	SO	Soil	SB-6 18-20'
T44430-10	12/17/09	09:37		12/18/09	AQ	Ground Water	SB-6
T44430-10A	12/17/09	09:37		12/18/09	AQ	Groundwater Filtered	SB-6 (DISSOLVED)
T44430-11	12/17/09	11:05		12/18/09	SO	Soil	SB-7 0-2'
T44430-12	12/17/09	11:05		12/18/09	SO	Soil	SB-7 14-16'
T44430-13	12/17/09	11:05		12/18/09	AQ	Ground Water	SB-7
T44430-13A	12/17/09	11:05		12/18/09	AQ	Groundwater Filtered	SB-7 (DISSOLVED)
T44430-14	12/16/09	15:05		12/18/09	SO	Soil	SB-3 0-2'
T44430-15	12/16/09	15:05		12/18/09	SO	Soil	SB-3 14-16'
T44430-16	12/16/09	16:00		12/18/09	SO	Soil	SB-4 0-2'
T44430-17	12/16/09	16:00		12/18/09	SO	Soil	SB-4 14-16'
T44430-18	12/16/09	00:00		12/18/09	AQ	Trip Blank Water	TRIP BLANK
T44430-19	12/16/09	00:00		12/18/09	AQ	Trip Blank Water	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Tetra Tech EM, Inc.

Job No: T44430

Farmers Co-op Supply Site

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
T44430-20	12/16/09	00:00	12/18/09	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra Tech EM, Inc. **Job No** T44430

Site: Farmers Co-op Supply Site **Report Date** 1/6/2010 4:08:46 PM

20 Sample(s), 2 Trip Blank(s) and 4 Field Blank(s) were collected on between 12/16/2009 and 12/17/2009 and were received at Accutest on 12/18/2009 properly preserved, at 4.8 Deg. C and intact. These Samples received an Accutest job number of T44430. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** VF3697

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44371-13MS, T44371-13MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Styrene, Vinyl chloride are outside control limits.
- Matrix Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1-Dichloropropene, 1,2-Dichloroethane, Bromodichloromethane, Carbon tetrachloride, Chloroform, cis-1,2-Dichloroethylene, Isopropylbenzene, Trichloroethylene are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,2-Dichloroethane, Bromodichloromethane, cis-1,2-Dichloroethylene, Dibromochloromethane, Isopropylbenzene are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for Dichlorodifluoromethane, Methyl chloride are outside control limits for sample T44371-13MSD. Probable cause due to matrix interference.

Matrix AQ **Batch ID:** VF3700

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44430-13MS, T44430-13MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2,2-Dichloropropane, Bromodichloromethane, cis-1,3-Dichloropropene are outside control limits.
- Matrix Spike Recovery(s) for 1,1-Dichloropropene, Bromodichloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Styrene, Trichloroethylene are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,1-Dichloropropene, 1,3-Dichloropropane, Bromodichloromethane, Carbon disulfide, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Styrene, trans-1,3-Dichloropropene, Trichloroethylene are outside control limits. Probable cause due to matrix interference.

Matrix SO **Batch ID:** VY2392

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44430-6MS, T44430-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Acetone are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,1-Dichloroethane, 1,2,3-Trichloropropane, Acetone, Bromobenzene, Methyl ethyl ketone, o-Dichlorobenzene are outside control limits. Probable cause due to matrix interference.
- Sample(s) T44430-9 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix SO **Batch ID:** VY2393

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Volatiles by GCMS By Method SW846 8260B

Matrix SO	**Batch ID:** VY2394

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44349-2MS were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Bromochloromethane, Isopropylbenzene, Tetrachloroethylene are outside control limits. Probable cause due to matrix interference.
- T44349-2MS: No MSD data available due to autosampler failure.

Extractables by GCMS By Method SW846 8270C

Matrix AQ	**Batch ID:** OP13717

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44441-1MS, T44441-1MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for 2,4,5-Trichlorophenol, Benzo(g,h,i)perylene, n-Nitrosodimethylamine are outside control limits.
- Matrix Spike Recovery(s) for 1,2-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Nitrophenol, 3&4-Methylphenol, 4-Chlorophenyl phenyl ether, Benzo(g,h,i)perylene, Benzyl Alcohol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, Dibenzo(a,h)anthracene, Dibenzofuran, Fluorene, Hexachlorocyclopentadiene, Indeno(1,2,3-cd)pyrene, N-Nitroso-di-n-propylamine, n-Nitrosodimethylamine, Naphthalene, Nitrobenzene, Phenanthrene, Phenol, Pyridine are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Methylnaphthalene, 2-Methylphenol, 3&4-Methylphenol, 4-Chlorophenyl phenyl ether, 4-Nitrophenol, Benzo(g,h,i)perylene, Benzyl Alcohol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, Dibenzo(a,h)anthracene, Dibenzofuran, Fluorene, Hexachlorocyclopentadiene, Indeno(1,2,3-cd)pyrene, N-Nitroso-di-n-propylamine, n-Nitrosodimethylamine, Naphthalene, Phenanthrene, Phenol, Pyridine are outside control limits. Probable cause due to matrix interference.
- Sample(s) OP13717-MS, OP13717-MSD, T44430-2, T44430-7 have surrogates outside control limits. Biased high, there are no detects associated with this surrogate.
- OP13717-BS for Benzo(g,h,i)perylene: Not detected in associated samples.
- OP13717-BS for 2,4,5-Trichlorophenol: Not detected in associated samples.
- OP13717-BS for n-Nitrosodimethylamine: Not detected in associated samples.

Matrix SO	**Batch ID:** OP13722

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) T44469-1MS, T44469-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol, 3,3'-Dichlorobenzidine, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, Acenaphthene, Acenaphthylene, Aniline, Benzoic acid, Benzyl Alcohol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether, Dibenzofuran, Dimethyl phthalate, Fluorene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Isophorone, N-Nitroso-di-n-propylamine, Naphthalene, Nitrobenzene, Phenol are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1-Methylnaphthalene, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Chlorophenol, 2-Methylnaphthalene, 2-Methylphenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, Acenaphthene, Acenaphthylene, Aniline, Benzoic acid, Benzyl Alcohol, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether, Dibenzofuran, Dimethyl phthalate, Fluorene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Isophorone, N-Nitroso-di-n-propylamine, Naphthalene, Nitrobenzene, Phenol are outside control limits. Probable cause due to matrix interference.

Volatiles by GC By Method OA-1

Matrix AQ	**Batch ID:** GEE2561

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44344-23MS, T44344-23MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Duplicate Recovery(s) for TPH-GRO (C6-C10) are outside control limits. Probable cause due to matrix interference.
- Sample(s) T44430-5 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix AQ	**Batch ID:** GEE2564

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix SO	**Batch ID:** GEE2562

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- T44430-5 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

Matrix SO	**Batch ID:** GEE2563

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44430-15MS, T44430-15MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44430-5 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix SO	**Batch ID:** GEE2565

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method OA-2

Matrix AQ	**Batch ID:** OP13724

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44430-3MS, T44430-3MSD were used as the QC samples indicated.
- T44430-2 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.
- T44430-7 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.
- T44430-10 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

Matrix SO	**Batch ID:** OP13721

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) T44430-12MS, T44430-12MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for TPH (Diesel) are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for TPH (Diesel) are outside control limits for sample OP13721-MSD. Probable cause due to sample homogeneity.
- T44430-15 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.
- T44430-14 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.
- T44430-12 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.
- T44430-11 for TPH (Mineral Spirits): Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

Metals By Method SW846 6010B

Matrix SO	**Batch ID:** MP10881

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44432-1DUP, T44432-1MS, T44432-1SDL, T44432-1MSD were used as the QC samples for metals.
- Matrix Spike Duplicate Recovery(s) for Arsenic, Barium, Cadmium, Chromium, Lead, Selenium are outside control limits. High RPD due to possible matrix interference.
- RPD(s) for MSD for Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver are outside control limits for sample MP10881-S2. High RPD due to possible matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Lead, Selenium are outside control limits for sample MP10881-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix AQ	**Batch ID:** MP10879

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44260-1DUP, T44260-1MS, T44260-1MSD were used as the QC samples for metals.

Metals By Method SW846 7471A

Matrix	SO	Batch ID:	MP10898

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44430-5DUP, T44430-5MS, T44430-5MSD were used as the QC samples for metals.

Wet Chemistry By Method SM 2540 G

Matrix	SO	Batch ID:	GN19688

- Sample(s) T44430-5DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9045C

Matrix	SO	Batch ID:	GN19657

- Sample(s) T44430-17DUP were used as the QC samples for pH.
- The following samples were run outside of holding time for method SW846 9045C: T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17, T44430-5, T44430-6, T44430-8, T44430-9

Accutest Laboratories Gulf Coast (ALGC) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALGC and as stated on the COC. ALGC certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALGC Quality Manual except as noted above. This report is to be used in its entirety. ALGC is not responsible for any assumptions of data quality if partial data packages are used

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Accutest Laboratories Gulf Coast, Inc.	**Job No**	T44430
Site:	TTETMOKC: Farmers Co-op Supply Site	**Report Dat**	1/18/2010 2:35:16 PM

On 12/23/2009, 6 Sample(s), 4 Field Blank(s) and 4 Rinsate(s) were received at the Accutest Mountain States Laboratory at a temperature of 5.7 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of T44430 had been assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Metals By Method SW846 6020

Matrix AQ **Batch ID:** MP1090

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Chromium, Selenium, Silver, Lead are outside control limits for sample MP1090-SD1. Percent difference acceptable due to low initial sample concentration.
- MP1090-SD1 for Lead: Serial dilution indicates possible matrix interference. However, it should be noted that Pb values differ by < 1 ppb and the rpd may only be an indicator of sample variation rather than matrix interference.

Matrix AQ **Batch ID:** MP1107

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for Serial Dilution for Arsenic, Chromium, Selenium, Silver are outside control limits for sample MP1107-SD1. Percent difference acceptable due to low initial sample concentration.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022737.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-122%
17060-07-0	1,2-Dichloroethane-D4	99%		75-121%
2037-26-5	Toluene-D8	105%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07808.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.011	0.0052	mg/l	
95-57-8	2-Chlorophenol	ND	0.0053	0.0013	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0053	0.0012	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0053	0.0023	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0053	0.0013	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.026	0.016	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.011	0.0014	mg/l	
95-48-7	2-Methylphenol	ND	0.0053	0.00088	mg/l	
	3&4-Methylphenol	ND	0.0053	0.0017	mg/l	
88-75-5	2-Nitrophenol	ND	0.0053	0.0021	mg/l	
100-02-7	4-Nitrophenol	ND	0.026	0.0070	mg/l	
87-86-5	Pentachlorophenol	ND	0.026	0.014	mg/l	
108-95-2	Phenol	ND	0.0053	0.00079	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0053	0.0012	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0053	0.0012	mg/l	
83-32-9	Acenaphthene	ND	0.0053	0.0016	mg/l	
208-96-8	Acenaphthylene	ND	0.0053	0.0013	mg/l	
62-53-3	Aniline	ND	0.0053	0.0048	mg/l	
120-12-7	Anthracene	ND	0.0053	0.0012	mg/l	
92-87-5	Benzidine	ND	0.026	0.0063	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0011	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0053	0.0011	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0053	0.00091	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0053	0.0017	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0053	0.0011	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0053	0.0015	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0053	0.0017	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0053	0.0014	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0053	0.0015	mg/l	
106-47-8	4-Chloroaniline	ND	0.0053	0.0045	mg/l	
86-74-8	Carbazole	ND	0.0053	0.0016	mg/l	
218-01-9	Chrysene	ND	0.0053	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0053	0.0014	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0053	0.0014	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0053	0.0021	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0053	0.0014	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0053	0.0014	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0053	0.0014	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0053	0.0015	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0053	0.0014	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.011	0.0034	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0053	0.0016	mg/l	
132-64-9	Dibenzofuran	ND	0.0053	0.0014	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0053	0.0011	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0053	0.0014	mg/l	
84-66-2	Diethyl phthalate	ND	0.0053	0.0011	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0053	0.0011	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0022	0.0053	0.0019	mg/l	J
206-44-0	Fluoranthene	ND	0.0053	0.0010	mg/l	
86-73-7	Fluorene	ND	0.0053	0.0014	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0053	0.0014	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.011	0.0054	mg/l	
67-72-1	Hexachloroethane	ND	0.0053	0.0010	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0053	0.0019	mg/l	
78-59-1	Isophorone	ND	0.0053	0.0013	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0053	0.0011	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0053	0.0013	mg/l	
88-74-4	2-Nitroaniline	ND	0.0053	0.0015	mg/l	
99-09-2	3-Nitroaniline	ND	0.0053	0.0035	mg/l	
100-01-6	4-Nitroaniline	ND	0.0053	0.0025	mg/l	
91-20-3	Naphthalene	ND	0.0053	0.0012	mg/l	
98-95-3	Nitrobenzene	ND	0.0053	0.0018	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0053	0.0010	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0053	0.0015	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0053	0.0018	mg/l	
85-01-8	Phenanthrene	ND	0.0053	0.0010	mg/l	
129-00-0	Pyrene	ND	0.0053	0.0017	mg/l	
110-86-1	Pyridine	ND	0.0053	0.0010	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-66%
4165-62-2	Phenol-d5	51%		10-53%
118-79-6	2,4,6-Tribromophenol	95%		32-128%
4165-60-0	Nitrobenzene-d5	97%		29-115%
321-60-8	2-Fluorobiphenyl	106%		34-113%
1718-51-0	Terphenyl-d14	96%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050748.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		42-123%
98-08-8	aaa-Trifluorotoluene	110%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217189.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	39%		21-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-1	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0023 J	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0019 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.00072 J	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.00083 U	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	RINSATE (DISSOLVED)		
Lab Sample ID:	T44430-1A	**Date Sampled:**	12/16/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By		Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0044 J	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0017 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000025 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0012 J	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022738.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		79-122%
17060-07-0	1,2-Dichloroethane-D4	102%		75-121%
2037-26-5	Toluene-D8	103%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07809.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.010	0.0052	mg/l	
95-57-8	2-Chlorophenol	ND	0.0052	0.0013	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0052	0.0012	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0052	0.0023	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0052	0.0013	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.026	0.016	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.010	0.0014	mg/l	
95-48-7	2-Methylphenol	ND	0.0052	0.00087	mg/l	
	3&4-Methylphenol	ND	0.0052	0.0016	mg/l	
88-75-5	2-Nitrophenol	ND	0.0052	0.0021	mg/l	
100-02-7	4-Nitrophenol	ND	0.026	0.0069	mg/l	
87-86-5	Pentachlorophenol	ND	0.026	0.014	mg/l	
108-95-2	Phenol	ND	0.0052	0.00078	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0052	0.0012	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0052	0.0012	mg/l	
83-32-9	Acenaphthene	ND	0.0052	0.0016	mg/l	
208-96-8	Acenaphthylene	ND	0.0052	0.0013	mg/l	
62-53-3	Aniline	ND	0.0052	0.0048	mg/l	
120-12-7	Anthracene	ND	0.0052	0.0011	mg/l	
92-87-5	Benzidine	ND	0.026	0.0062	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0052	0.0011	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0052	0.0011	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0052	0.00090	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0052	0.0017	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0052	0.0011	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0052	0.0014	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0052	0.0017	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0052	0.0014	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0052	0.0014	mg/l	
106-47-8	4-Chloroaniline	ND	0.0052	0.0044	mg/l	
86-74-8	Carbazole	ND	0.0052	0.0016	mg/l	
218-01-9	Chrysene	ND	0.0052	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0052	0.0013	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0052	0.0014	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0052	0.0021	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0052	0.0014	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0052	0.0013	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0052	0.0014	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0052	0.0013	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0052	0.0013	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0052	0.0015	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0052	0.0014	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.010	0.0033	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0052	0.0016	mg/l	
132-64-9	Dibenzofuran	ND	0.0052	0.0014	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0052	0.0011	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0052	0.0014	mg/l	
84-66-2	Diethyl phthalate	ND	0.0052	0.0011	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0052	0.0011	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.0052	0.0018	mg/l	
206-44-0	Fluoranthene	ND	0.0052	0.0010	mg/l	
86-73-7	Fluorene	ND	0.0052	0.0014	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0052	0.0014	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0052	0.0011	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.010	0.0054	mg/l	
67-72-1	Hexachloroethane	ND	0.0052	0.0010	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0052	0.0019	mg/l	
78-59-1	Isophorone	ND	0.0052	0.0013	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0052	0.0011	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0052	0.0013	mg/l	
88-74-4	2-Nitroaniline	ND	0.0052	0.0015	mg/l	
99-09-2	3-Nitroaniline	ND	0.0052	0.0035	mg/l	
100-01-6	4-Nitroaniline	ND	0.0052	0.0024	mg/l	
91-20-3	Naphthalene	ND	0.0052	0.0012	mg/l	
98-95-3	Nitrobenzene	ND	0.0052	0.0018	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0052	0.0010	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0052	0.0015	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0052	0.0017	mg/l	
85-01-8	Phenanthrene	ND	0.0052	0.0010	mg/l	
129-00-0	Pyrene	ND	0.0052	0.0017	mg/l	
110-86-1	Pyridine	ND	0.0052	0.0010	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70% [a]		10-66%
4165-62-2	Phenol-d5	54% [a]		10-53%
118-79-6	2,4,6-Tribromophenol	93%		32-128%
4165-60-0	Nitrobenzene-d5	100%		29-115%
321-60-8	2-Fluorobiphenyl	108%		34-113%
1718-51-0	Terphenyl-d14	93%		12-145%

(a) Biased high, there are no detects associated with this surrogate.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050749.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		42-123%
98-08-8	aaa-Trifluorotoluene	112%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217207.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits) [a]	0.315	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	40%		21-129%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RINSATE		
Lab Sample ID:	T44430-2	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0015 U	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00018 J	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0021 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.00033 J	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.00083 U	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	RINSATE (DISSOLVED)		
Lab Sample ID:	T44430-2A	**Date Sampled:**	12/17/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By		Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0015 U	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0014 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000030 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.00083 U	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022725.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		79-122%
17060-07-0	1,2-Dichloroethane-D4	103%		75-121%
2037-26-5	Toluene-D8	105%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07810.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.011	0.0052	mg/l	
95-57-8	2-Chlorophenol	ND	0.0053	0.0013	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0053	0.0012	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0053	0.0023	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0053	0.0013	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.026	0.016	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.011	0.0014	mg/l	
95-48-7	2-Methylphenol	ND	0.0053	0.00088	mg/l	
	3&4-Methylphenol	ND	0.0053	0.0017	mg/l	
88-75-5	2-Nitrophenol	ND	0.0053	0.0021	mg/l	
100-02-7	4-Nitrophenol	ND	0.026	0.0070	mg/l	
87-86-5	Pentachlorophenol	ND	0.026	0.014	mg/l	
108-95-2	Phenol	ND	0.0053	0.00079	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0053	0.0012	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0053	0.0012	mg/l	
83-32-9	Acenaphthene	ND	0.0053	0.0016	mg/l	
208-96-8	Acenaphthylene	ND	0.0053	0.0013	mg/l	
62-53-3	Aniline	ND	0.0053	0.0048	mg/l	
120-12-7	Anthracene	ND	0.0053	0.0012	mg/l	
92-87-5	Benzidine	ND	0.026	0.0063	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0011	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0053	0.0011	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0053	0.00091	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0053	0.0017	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0053	0.0011	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0053	0.0015	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0053	0.0017	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0053	0.0014	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0053	0.0015	mg/l	
106-47-8	4-Chloroaniline	ND	0.0053	0.0045	mg/l	
86-74-8	Carbazole	ND	0.0053	0.0016	mg/l	
218-01-9	Chrysene	ND	0.0053	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0053	0.0014	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0053	0.0014	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0053	0.0021	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0053	0.0014	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0053	0.0014	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0053	0.0014	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0053	0.0015	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0053	0.0014	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.011	0.0034	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0053	0.0016	mg/l	
132-64-9	Dibenzofuran	ND	0.0053	0.0014	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0053	0.0011	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0053	0.0014	mg/l	
84-66-2	Diethyl phthalate	ND	0.0053	0.0011	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0053	0.0011	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0028	0.0053	0.0019	mg/l	J
206-44-0	Fluoranthene	ND	0.0053	0.0010	mg/l	
86-73-7	Fluorene	ND	0.0053	0.0014	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0053	0.0014	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.011	0.0054	mg/l	
67-72-1	Hexachloroethane	ND	0.0053	0.0010	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0053	0.0019	mg/l	
78-59-1	Isophorone	ND	0.0053	0.0013	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0053	0.0011	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0053	0.0013	mg/l	
88-74-4	2-Nitroaniline	ND	0.0053	0.0015	mg/l	
99-09-2	3-Nitroaniline	ND	0.0053	0.0035	mg/l	
100-01-6	4-Nitroaniline	ND	0.0053	0.0025	mg/l	
91-20-3	Naphthalene	ND	0.0053	0.0012	mg/l	
98-95-3	Nitrobenzene	ND	0.0053	0.0018	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0053	0.0010	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0053	0.0015	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0053	0.0018	mg/l	
85-01-8	Phenanthrene	ND	0.0053	0.0010	mg/l	
129-00-0	Pyrene	ND	0.0053	0.0017	mg/l	
110-86-1	Pyridine	ND	0.0053	0.0010	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		10-66%
4165-62-2	Phenol-d5	40%		10-53%
118-79-6	2,4,6-Tribromophenol	74%		32-128%
4165-60-0	Nitrobenzene-d5	79%		29-115%
321-60-8	2-Fluorobiphenyl	86%		34-113%
1718-51-0	Terphenyl-d14	94%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050745.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		42-123%
98-08-8	aaa-Trifluorotoluene	110%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217206.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	31%		21-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-3	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0018 J	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0011 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.00025 J	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.00083 U	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FIELDBLANK (DISSOLVED)		
Lab Sample ID:	T44430-3A	**Date Sampled:**	12/16/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0017 J	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0014 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000025 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0014 J	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022726.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	105%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07811.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.011	0.0052	mg/l	
95-57-8	2-Chlorophenol	ND	0.0053	0.0013	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0053	0.0012	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0053	0.0023	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0053	0.0013	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.026	0.016	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.011	0.0014	mg/l	
95-48-7	2-Methylphenol	ND	0.0053	0.00088	mg/l	
	3&4-Methylphenol	ND	0.0053	0.0017	mg/l	
88-75-5	2-Nitrophenol	ND	0.0053	0.0021	mg/l	
100-02-7	4-Nitrophenol	ND	0.026	0.0070	mg/l	
87-86-5	Pentachlorophenol	ND	0.026	0.014	mg/l	
108-95-2	Phenol	ND	0.0053	0.00079	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0053	0.0012	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0053	0.0012	mg/l	
83-32-9	Acenaphthene	ND	0.0053	0.0016	mg/l	
208-96-8	Acenaphthylene	ND	0.0053	0.0013	mg/l	
62-53-3	Aniline	ND	0.0053	0.0048	mg/l	
120-12-7	Anthracene	ND	0.0053	0.0012	mg/l	
92-87-5	Benzidine	ND	0.026	0.0063	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0011	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0053	0.0011	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0053	0.00091	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0053	0.0017	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0053	0.0011	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0053	0.0015	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0053	0.0017	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0053	0.0014	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0053	0.0015	mg/l	
106-47-8	4-Chloroaniline	ND	0.0053	0.0045	mg/l	
86-74-8	Carbazole	ND	0.0053	0.0016	mg/l	
218-01-9	Chrysene	ND	0.0053	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0053	0.0014	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0053	0.0014	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0053	0.0021	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0053	0.0014	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0053	0.0014	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0053	0.0014	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0053	0.0015	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0053	0.0014	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.011	0.0034	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0053	0.0016	mg/l	
132-64-9	Dibenzofuran	ND	0.0053	0.0014	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0053	0.0011	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0053	0.0014	mg/l	
84-66-2	Diethyl phthalate	ND	0.0053	0.0011	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0053	0.0011	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.0053	0.0019	mg/l	
206-44-0	Fluoranthene	ND	0.0053	0.0010	mg/l	
86-73-7	Fluorene	ND	0.0053	0.0014	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0053	0.0014	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.011	0.0054	mg/l	
67-72-1	Hexachloroethane	ND	0.0053	0.0010	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0053	0.0019	mg/l	
78-59-1	Isophorone	ND	0.0053	0.0013	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0053	0.0011	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0053	0.0013	mg/l	
88-74-4	2-Nitroaniline	ND	0.0053	0.0015	mg/l	
99-09-2	3-Nitroaniline	ND	0.0053	0.0035	mg/l	
100-01-6	4-Nitroaniline	ND	0.0053	0.0025	mg/l	
91-20-3	Naphthalene	ND	0.0053	0.0012	mg/l	
98-95-3	Nitrobenzene	ND	0.0053	0.0018	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0053	0.0010	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0053	0.0015	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0053	0.0018	mg/l	
85-01-8	Phenanthrene	ND	0.0053	0.0010	mg/l	
129-00-0	Pyrene	ND	0.0053	0.0017	mg/l	
110-86-1	Pyridine	ND	0.0053	0.0010	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-66%
4165-62-2	Phenol-d5	38%		10-53%
118-79-6	2,4,6-Tribromophenol	72%		32-128%
4165-60-0	Nitrobenzene-d5	79%		29-115%
321-60-8	2-Fluorobiphenyl	82%		34-113%
1718-51-0	Terphenyl-d14	88%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050746.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		42-123%
98-08-8	aaa-Trifluorotoluene	110%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217197.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	26%		21-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FIELDBLANK		
Lab Sample ID:	T44430-4	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0015 U	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0012 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.00023 J	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.00083 U	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	FIELDBLANK (DISSOLVED)		
Lab Sample ID:	T44430-4A	**Date Sampled:**	12/17/09
Matrix:	AQ - Field Blank Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.0015 U	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00016 J	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0014 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000017 U	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0013 J	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037247.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0429	0.063	0.010	mg/kg	J
71-43-2	Benzene	ND	0.0063	0.00087	mg/kg	
108-86-1	Bromobenzene	ND	0.0063	0.00069	mg/kg	
74-97-5	Bromochloromethane	ND	0.0063	0.00073	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0063	0.00093	mg/kg	
75-25-2	Bromoform	ND	0.0063	0.0012	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0063	0.00087	mg/kg	
135-98-8	sec-Butylbenzene	0.0028	0.0063	0.00096	mg/kg	J
98-06-6	tert-Butylbenzene	ND	0.0063	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0063	0.00071	mg/kg	
75-00-3	Chloroethane	ND	0.0063	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0063	0.00076	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0063	0.0011	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0063	0.0014	mg/kg	
75-15-0	Carbon disulfide	ND	0.013	0.00070	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0063	0.00081	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0063	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0063	0.00097	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0063	0.00083	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0063	0.0033	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0063	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0063	0.00084	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0063	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0063	0.00088	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0063	0.00072	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0063	0.00069	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0063	0.0015	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0063	0.0013	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0063	0.00067	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0063	0.00090	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0063	0.00090	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0063	0.00087	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0063	0.00098	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0063	0.00078	mg/kg	
100-41-4	Ethylbenzene	ND	0.0063	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.063	0.0082	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0063	0.0014	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0063	0.00087	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0063	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.063	0.0070	mg/kg	
74-83-9	Methyl bromide	ND	0.0063	0.0015	mg/kg	
74-87-3	Methyl chloride	ND	0.0063	0.0014	mg/kg	
74-95-3	Methylene bromide	ND	0.0063	0.0012	mg/kg	
75-09-2	Methylene chloride	0.0054	0.013	0.0029	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.063	0.0072	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0063	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0063	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0063	0.00092	mg/kg	
100-42-5	Styrene	ND	0.0063	0.00097	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0063	0.00053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0063	0.00087	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0063	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0063	0.0024	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0063	0.0022	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0063	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0063	0.0012	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0063	0.00097	mg/kg	
108-88-3	Toluene	ND	0.0063	0.0012	mg/kg	
79-01-6	Trichloroethylene	ND	0.0063	0.0021	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0063	0.00087	mg/kg	
75-01-4	Vinyl chloride	ND	0.0063	0.0013	mg/kg	
1330-20-7	Xylene (total)	ND	0.019	0.0026	mg/kg	
	m,p-Xylene	ND	0.013	0.0018	mg/kg	
95-47-6	o-Xylene	ND	0.0063	0.00080	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-121%
2037-26-5	Toluene-D8	101%		76-132%
460-00-4	4-Bromofluorobenzene	105%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	79%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150115.D	1	12/23/09	SC	12/22/09	OP13722	EJ690
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.079	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.059	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.047	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.051	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.037	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.52	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.42	0.084	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.040	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.048	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.52	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.085	mg/kg	
108-95-2	Phenol	ND	0.21	0.037	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.054	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.065	mg/kg	
83-32-9	Acenaphthene	0.337	0.21	0.058	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.050	mg/kg	
62-53-3	Aniline	ND	1.0	0.23	mg/kg	
120-12-7	Anthracene	0.102	0.21	0.040	mg/kg	J
92-87-5	Benzidine	ND	2.1	0.38	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.081	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.052	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.050	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.039	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.057	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.057	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.058	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.046	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.039	mg/kg	
218-01-9	Chrysene	0.0526	0.21	0.046	mg/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.044	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.050	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.068	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.059	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.035	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.055	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.037	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.078	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.046	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.056	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.42	0.091	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.055	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.057	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.050	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.052	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.060	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.089	mg/kg	
206-44-0	Fluoranthene	0.0764	0.21	0.043	mg/kg	J
86-73-7	Fluorene	0.360	0.21	0.057	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.061	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.059	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.35	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.055	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.075	mg/kg	
78-59-1	Isophorone	ND	0.21	0.045	mg/kg	
90-12-0	1-Methylnaphthalene	2.45	0.21	0.049	mg/kg	
91-57-6	2-Methylnaphthalene	3.43	0.21	0.066	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.078	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.084	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	0.422	0.21	0.042	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.034	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.046	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.052	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.052	mg/kg	
85-01-8	Phenanthrene	1.74	0.21	0.056	mg/kg	
129-00-0	Pyrene	0.102	0.21	0.041	mg/kg	J
110-86-1	Pyridine	ND	0.21	0.036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.054	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		26-124%
4165-62-2	Phenol-d5	67%		19-106%
118-79-6	2,4,6-Tribromophenol	69%		18-129%
4165-60-0	Nitrobenzene-d5	71%		18-104%
321-60-8	2-Fluorobiphenyl	74%		21-114%
1718-51-0	Terphenyl-d14	72%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050759.D	1	12/25/09	FI	n/a	n/a	GEE2562
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.43 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	123	7.1	0.45	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	136% [a]		46-127%
98-08-8	aaa-Trifluorotoluene	115%		44-120%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	79.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217208.D	5	12/29/09	SS	12/22/09	OP13721	GCC1027
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	347	41	1.8	mg/kg	
	TPH (Kerosene)	ND	41	1.7	mg/kg	
	TPH (Mineral Spirits)	ND	41	2.1	mg/kg	
	TPH (Motor Oil)	ND	41	3.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	45%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.3
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	8.9	0.72	0.14	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	250	14	0.043	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.48	0.36	0.072	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	18.7	0.72	0.050	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	18.3	0.72	0.29	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.041	0.020	0.00079	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.17 U	0.72	0.17	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.27 J	0.72	0.058	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-5 2-4'		
Lab Sample ID:	T44430-5	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.3
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	79.3		%	1	12/21/09	AA	SM 2540 G
pH	7.80		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037232.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.25 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0418	0.060	0.0099	mg/kg	J
71-43-2	Benzene	ND	0.0060	0.00084	mg/kg	
108-86-1	Bromobenzene	ND	0.0060	0.00066	mg/kg	
74-97-5	Bromochloromethane	ND	0.0060	0.00070	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0060	0.00089	mg/kg	
75-25-2	Bromoform	ND	0.0060	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0060	0.00083	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0060	0.00092	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0060	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0060	0.00068	mg/kg	
75-00-3	Chloroethane	ND	0.0060	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0060	0.00073	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0060	0.0010	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0060	0.0013	mg/kg	
75-15-0	Carbon disulfide	ND	0.012	0.00067	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0060	0.00077	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0060	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0060	0.00092	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0060	0.00079	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0060	0.0032	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0060	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0060	0.00080	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0060	0.00096	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0060	0.00084	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0060	0.00069	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0060	0.00066	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0060	0.0014	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0060	0.0012	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0060	0.00064	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0060	0.00086	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0060	0.00086	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0060	0.00084	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0060	0.00094	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0060	0.00075	mg/kg	
100-41-4	Ethylbenzene	ND	0.0060	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.060	0.0079	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0060	0.0014	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0060	0.00084	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0060	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.060	0.0067	mg/kg	
74-83-9	Methyl bromide	ND	0.0060	0.0014	mg/kg	
74-87-3	Methyl chloride	ND	0.0060	0.0014	mg/kg	
74-95-3	Methylene bromide	ND	0.0060	0.0011	mg/kg	
75-09-2	Methylene chloride	ND	0.012	0.0028	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.060	0.0069	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0060	0.0010	mg/kg	
91-20-3	Naphthalene	ND	0.0060	0.0010	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0060	0.00088	mg/kg	
100-42-5	Styrene	ND	0.0060	0.00093	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0060	0.00051	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0060	0.00083	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0060	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0060	0.0023	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0060	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0060	0.0021	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0060	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0060	0.0010	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0060	0.0012	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0060	0.00092	mg/kg	
108-88-3	Toluene	ND	0.0060	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0060	0.0020	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0060	0.00084	mg/kg	
75-01-4	Vinyl chloride	ND	0.0060	0.0012	mg/kg	
1330-20-7	Xylene (total)	ND	0.018	0.0025	mg/kg	
	m,p-Xylene	ND	0.012	0.0017	mg/kg	
95-47-6	o-Xylene	ND	0.0060	0.00077	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-121%
2037-26-5	Toluene-D8	110%		76-132%
460-00-4	4-Bromofluorobenzene	111%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	85%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150110.D	1	12/23/09	SC	12/22/09	OP13722	EJ690
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.079	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.058	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.046	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.051	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.037	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.52	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.42	0.084	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.039	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.048	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.52	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.085	mg/kg	
108-95-2	Phenol	ND	0.21	0.037	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.054	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.065	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.058	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.049	mg/kg	
62-53-3	Aniline	ND	1.0	0.23	mg/kg	
120-12-7	Anthracene	ND	0.21	0.040	mg/kg	
92-87-5	Benzidine	ND	2.1	0.38	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.080	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.051	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.049	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.039	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.057	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.057	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.058	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.046	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.039	mg/kg	
218-01-9	Chrysene	ND	0.21	0.046	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.044	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.050	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.068	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.059	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.035	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.055	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.037	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.078	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.046	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.056	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.42	0.091	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.055	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.056	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.049	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.052	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.060	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.089	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.043	mg/kg	
86-73-7	Fluorene	ND	0.21	0.057	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.061	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.059	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.35	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.054	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.075	mg/kg	
78-59-1	Isophorone	ND	0.21	0.045	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.21	0.049	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.066	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.078	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.084	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.042	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.034	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.046	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.052	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.052	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.056	mg/kg	
129-00-0	Pyrene	ND	0.21	0.041	mg/kg	
110-86-1	Pyridine	ND	0.21	0.036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.053	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		26-124%
4165-62-2	Phenol-d5	72%		19-106%
118-79-6	2,4,6-Tribromophenol	64%		18-129%
4165-60-0	Nitrobenzene-d5	62%		18-104%
321-60-8	2-Fluorobiphenyl	79%		21-114%
1718-51-0	Terphenyl-d14	76%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050790.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.55 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	0.44	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		46-127%
98-08-8	aaa-Trifluorotoluene	106%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	79.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217137.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.2	0.36	mg/kg	
	TPH (Kerosene)	ND	8.2	0.33	mg/kg	
	TPH (Mineral Spirits)	ND	8.2	0.42	mg/kg	
	TPH (Motor Oil)	ND	8.2	0.76	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	38%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.5
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.9	0.71	0.14	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	219	14	0.043	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.25 J	0.36	0.071	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	16.2	0.71	0.050	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	11.2	0.71	0.29	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.0025 J	0.020	0.00078	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.17 U	0.71	0.17	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.20 J	0.71	0.057	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-5 18-20'		
Lab Sample ID:	T44430-6	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.5
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	79.5		%	1	12/21/09	AA	SM 2540 G
pH	7.34		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022739.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	102%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07812.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	800 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.013	0.0062	mg/l	
95-57-8	2-Chlorophenol	ND	0.0063	0.0015	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0063	0.0015	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0063	0.0028	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0063	0.0016	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.031	0.019	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.013	0.0017	mg/l	
95-48-7	2-Methylphenol	ND	0.0063	0.0010	mg/l	
	3&4-Methylphenol	ND	0.0063	0.0020	mg/l	
88-75-5	2-Nitrophenol	ND	0.0063	0.0025	mg/l	
100-02-7	4-Nitrophenol	ND	0.031	0.0083	mg/l	
87-86-5	Pentachlorophenol	ND	0.031	0.017	mg/l	
108-95-2	Phenol	ND	0.0063	0.00094	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0063	0.0015	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0063	0.0014	mg/l	
83-32-9	Acenaphthene	ND	0.0063	0.0020	mg/l	
208-96-8	Acenaphthylene	ND	0.0063	0.0015	mg/l	
62-53-3	Aniline	ND	0.0063	0.0057	mg/l	
120-12-7	Anthracene	ND	0.0063	0.0014	mg/l	
92-87-5	Benzidine	ND	0.031	0.0075	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0063	0.0014	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0063	0.0014	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0063	0.0011	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0063	0.0021	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0063	0.0013	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0063	0.0017	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0063	0.0020	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0063	0.0016	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0063	0.0017	mg/l	
106-47-8	4-Chloroaniline	ND	0.0063	0.0053	mg/l	
86-74-8	Carbazole	ND	0.0063	0.0019	mg/l	
218-01-9	Chrysene	ND	0.0063	0.0012	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0063	0.0016	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0063	0.0016	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0063	0.0025	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0063	0.0016	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0063	0.0016	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0063	0.0017	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0063	0.0016	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0063	0.0016	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0063	0.0018	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0063	0.0017	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.013	0.0040	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0063	0.0019	mg/l	
132-64-9	Dibenzofuran	ND	0.0063	0.0017	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0063	0.0013	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0063	0.0016	mg/l	
84-66-2	Diethyl phthalate	ND	0.0063	0.0013	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0063	0.0013	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0024	0.0063	0.0022	mg/l	J
206-44-0	Fluoranthene	ND	0.0063	0.0012	mg/l	
86-73-7	Fluorene	ND	0.0063	0.0017	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0063	0.0017	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0063	0.0014	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.013	0.0065	mg/l	
67-72-1	Hexachloroethane	ND	0.0063	0.0012	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0063	0.0023	mg/l	
78-59-1	Isophorone	ND	0.0063	0.0015	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0063	0.0014	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0063	0.0016	mg/l	
88-74-4	2-Nitroaniline	ND	0.0063	0.0018	mg/l	
99-09-2	3-Nitroaniline	ND	0.0063	0.0042	mg/l	
100-01-6	4-Nitroaniline	ND	0.0063	0.0029	mg/l	
91-20-3	Naphthalene	ND	0.0063	0.0014	mg/l	
98-95-3	Nitrobenzene	ND	0.0063	0.0022	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0063	0.0012	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0063	0.0018	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0063	0.0021	mg/l	
85-01-8	Phenanthrene	ND	0.0063	0.0012	mg/l	
129-00-0	Pyrene	ND	0.0063	0.0021	mg/l	
110-86-1	Pyridine	ND	0.0063	0.0012	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0063	0.0016	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67% [a]		10-66%
4165-62-2	Phenol-d5	53%		10-53%
118-79-6	2,4,6-Tribromophenol	96%		32-128%
4165-60-0	Nitrobenzene-d5	98%		29-115%
321-60-8	2-Fluorobiphenyl	111%		34-113%
1718-51-0	Terphenyl-d14	90%		12-145%

(a) Biased high, there are no detects associated with this surrogate.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050750.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		42-123%
98-08-8	aaa-Trifluorotoluene	110%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217209.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits) [a]	0.188	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	40%		21-129%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5		
Lab Sample ID:	T44430-7	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.0046	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.23	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.0018	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0094 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.053	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0094	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-5 (DISSOLVED)		
Lab Sample ID:	T44430-7A	**Date Sampled:**	12/17/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.0015 J	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.084	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0011 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000060 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.011	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037237.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.08 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.060	0.010	mg/kg	
71-43-2	Benzene	ND	0.0060	0.00084	mg/kg	
108-86-1	Bromobenzene	ND	0.0060	0.00067	mg/kg	
74-97-5	Bromochloromethane	ND	0.0060	0.00070	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0060	0.00089	mg/kg	
75-25-2	Bromoform	ND	0.0060	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0060	0.00083	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0060	0.00092	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0060	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0060	0.00068	mg/kg	
75-00-3	Chloroethane	ND	0.0060	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0060	0.00073	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0060	0.0010	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0060	0.0013	mg/kg	
75-15-0	Carbon disulfide	ND	0.012	0.00067	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0060	0.00077	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0060	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0060	0.00093	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0060	0.00079	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0060	0.0032	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0060	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0060	0.00080	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0060	0.00096	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0060	0.00084	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0060	0.00069	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0060	0.00066	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0060	0.0014	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0060	0.0012	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0060	0.00064	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0060	0.00086	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0060	0.00086	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0060	0.00084	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0060	0.00094	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0060	0.00075	mg/kg	
100-41-4	Ethylbenzene	ND	0.0060	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.060	0.0079	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0060	0.0014	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0060	0.00084	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0060	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.060	0.0067	mg/kg	
74-83-9	Methyl bromide	ND	0.0060	0.0014	mg/kg	
74-87-3	Methyl chloride	ND	0.0060	0.0014	mg/kg	
74-95-3	Methylene bromide	ND	0.0060	0.0011	mg/kg	
75-09-2	Methylene chloride	0.0052	0.012	0.0028	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.060	0.0069	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0060	0.0010	mg/kg	
91-20-3	Naphthalene	ND	0.0060	0.0010	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0060	0.00088	mg/kg	
100-42-5	Styrene	ND	0.0060	0.00093	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0060	0.00051	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0060	0.00083	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0060	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0060	0.0023	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0060	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0060	0.0021	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0060	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0060	0.0010	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0060	0.0012	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0060	0.00093	mg/kg	
108-88-3	Toluene	ND	0.0060	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0060	0.0020	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0060	0.00084	mg/kg	
75-01-4	Vinyl chloride	ND	0.0060	0.0012	mg/kg	
1330-20-7	Xylene (total)	ND	0.018	0.0025	mg/kg	
	m,p-Xylene	ND	0.012	0.0017	mg/kg	
95-47-6	o-Xylene	ND	0.0060	0.00077	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-121%
2037-26-5	Toluene-D8	107%		76-132%
460-00-4	4-Bromofluorobenzene	111%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	81%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150111.D	1	12/23/09	SC	12/22/09	OP13722	EJ690
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.076	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.057	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.045	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.049	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.036	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.51	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.081	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.038	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.047	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.50	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.082	mg/kg	
108-95-2	Phenol	ND	0.20	0.036	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.052	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.056	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.048	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	ND	0.20	0.039	mg/kg	
92-87-5	Benzidine	ND	2.0	0.37	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.078	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.050	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.048	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.038	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.055	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.055	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.056	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.044	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.15	mg/kg	
86-74-8	Carbazole	ND	0.20	0.037	mg/kg	
218-01-9	Chrysene	ND	0.20	0.044	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.043	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.048	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.066	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.057	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.034	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.036	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.075	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.044	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.054	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.088	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.053	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.055	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.048	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.050	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.058	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.086	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.042	mg/kg	
86-73-7	Fluorene	ND	0.20	0.055	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.059	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.057	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.34	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.073	mg/kg	
78-59-1	Isophorone	ND	0.20	0.044	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.20	0.047	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.064	mg/kg	
88-74-4	2-Nitroaniline	ND	0.20	0.076	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.081	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.040	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.033	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.044	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.050	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.051	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.054	mg/kg	
129-00-0	Pyrene	ND	0.20	0.039	mg/kg	
110-86-1	Pyridine	ND	0.20	0.035	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.052	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		26-124%
4165-62-2	Phenol-d5	66%		19-106%
118-79-6	2,4,6-Tribromophenol	58%		18-129%
4165-60-0	Nitrobenzene-d5	60%		18-104%
321-60-8	2-Fluorobiphenyl	73%		21-114%
1718-51-0	Terphenyl-d14	66%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050791.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.55 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.6	0.42	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		46-127%
98-08-8	aaa-Trifluorotoluene	108%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	82.0
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217138.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.0	0.36	mg/kg	
	TPH (Kerosene)	ND	8.0	0.33	mg/kg	
	TPH (Mineral Spirits)	ND	8.0	0.41	mg/kg	
	TPH (Motor Oil)	ND	8.0	0.74	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	39%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	82.0
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	7.7	0.66	0.13	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	248	13	0.040	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.35	0.33	0.066	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	20.1	0.66	0.046	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	17.3	0.66	0.26	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.024	0.020	0.00079	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.16 U	0.66	0.16	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.24 J	0.66	0.053	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-6 0-2'		
Lab Sample ID:	T44430-8	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	82.0
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	82		%	1	12/21/09	AA	SM 2540 G
pH	8.70		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037244.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2	Y0037259.D	1	12/28/09	JL	n/a	n/a	VY2393

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.49 g	5.0 ml	
Run #2	5.33 g	5.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.058	0.0095	mg/kg	
71-43-2	Benzene	ND	0.0058	0.00080	mg/kg	
108-86-1	Bromobenzene	ND	0.0058	0.00064	mg/kg	
74-97-5	Bromochloromethane	ND	0.0058	0.00067	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0058	0.00085	mg/kg	
75-25-2	Bromoform	ND	0.0058	0.0011	mg/kg	
104-51-8	n-Butylbenzene	0.0171	0.0058	0.00080	mg/kg	
135-98-8	sec-Butylbenzene	0.154	0.0058	0.00089	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0058	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0058	0.00065	mg/kg	
75-00-3	Chloroethane	ND	0.0058	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0058	0.00070	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0058	0.00097	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0058	0.0012	mg/kg	
75-15-0	Carbon disulfide	0.0178	0.012	0.00064	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0058	0.00074	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0058	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0058	0.00089	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0058	0.00076	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0058	0.0031	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0058	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0058	0.00077	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0058	0.00092	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0058	0.00081	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0058	0.00067	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0058	0.00063	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0058	0.0014	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0058	0.0012	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0058	0.00062	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0058	0.00083	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0058	0.00083	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0058	0.00080	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0058	0.00090	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0058	0.00072	mg/kg	
100-41-4	Ethylbenzene	ND	0.0058	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.058	0.0076	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0058	0.0013	mg/kg	
98-82-8	Isopropylbenzene	0.0280	0.0058	0.00080	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0058	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.058	0.0064	mg/kg	
74-83-9	Methyl bromide	ND	0.0058	0.0014	mg/kg	
74-87-3	Methyl chloride	ND	0.0058	0.0013	mg/kg	
74-95-3	Methylene bromide	ND	0.0058	0.0011	mg/kg	
75-09-2	Methylene chloride	0.0047	0.012	0.0027	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.058	0.0067	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0058	0.00098	mg/kg	
91-20-3	Naphthalene	ND	0.0058	0.0010	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0058	0.00085	mg/kg	
100-42-5	Styrene	ND	0.0058	0.00089	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0058	0.00049	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0058	0.00080	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0058	0.0015	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0058	0.0022	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0058	0.0020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0058	0.00098	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0058	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0058	0.00089	mg/kg	
108-88-3	Toluene	ND	0.0058	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0058	0.0020	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0058	0.00080	mg/kg	
75-01-4	Vinyl chloride	ND	0.0058	0.0012	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0024	mg/kg	
	m,p-Xylene	ND	0.012	0.0017	mg/kg	
95-47-6	o-Xylene	ND	0.0058	0.00074	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	53% [a]	99%	70-121%
2037-26-5	Toluene-D8	122%	101%	76-132%
460-00-4	4-Bromofluorobenzene	199% [a]	108%	73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	83%	57-122%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150090.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.079	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.059	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.047	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.051	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.037	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.52	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.42	0.084	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.040	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.048	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.52	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.085	mg/kg	
108-95-2	Phenol	ND	0.21	0.037	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.054	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.065	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.058	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.049	mg/kg	
62-53-3	Aniline	ND	1.0	0.23	mg/kg	
120-12-7	Anthracene	ND	0.21	0.040	mg/kg	
92-87-5	Benzidine	ND	2.1	0.38	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.080	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.052	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.049	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.039	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.057	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.057	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.058	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.046	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.039	mg/kg	
218-01-9	Chrysene	ND	0.21	0.046	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.044	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.050	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.068	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.059	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.035	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.055	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.037	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.078	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.046	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.056	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.42	0.091	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.055	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.057	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.049	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.052	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.060	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.089	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.043	mg/kg	
86-73-7	Fluorene	ND	0.21	0.057	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.061	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.059	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.35	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.054	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.075	mg/kg	
78-59-1	Isophorone	ND	0.21	0.045	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.21	0.049	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.066	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.078	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.084	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.042	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.034	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.046	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.052	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.052	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.056	mg/kg	
129-00-0	Pyrene	ND	0.21	0.041	mg/kg	
110-86-1	Pyridine	ND	0.21	0.036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.054	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		26-124%
4165-62-2	Phenol-d5	70%		19-106%
118-79-6	2,4,6-Tribromophenol	84%		18-129%
4165-60-0	Nitrobenzene-d5	72%		18-104%
321-60-8	2-Fluorobiphenyl	84%		21-114%
1718-51-0	Terphenyl-d14	69%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050825.D	20	12/28/09	FI	n/a	n/a	GEE2565
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.33 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	380	150	9.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		46-127%
98-08-8	aaa-Trifluorotoluene	114%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	79.1
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217139.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	32.0	8.3	0.37	mg/kg	
	TPH (Kerosene)	ND	8.3	0.34	mg/kg	
	TPH (Mineral Spirits)	ND	8.3	0.42	mg/kg	
	TPH (Motor Oil)	ND	8.3	0.77	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	46%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.1
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.3	0.75	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	350	15	0.045	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.45	0.38	0.075	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	19.0	0.75	0.053	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	14.2	0.75	0.30	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.012 J	0.019	0.00076	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.18 U	0.75	0.18	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.24 J	0.75	0.060	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-6 18-20'		
Lab Sample ID:	T44430-9	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.1
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	79.1		%	1	12/21/09	AA	SM 2540 G
pH	7.93		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022740.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2	F022763.D	10	12/27/09	AP	n/a	n/a	VF3700

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	0.392 [a]	0.020	0.0050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	0.0266	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	0.0078	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	0.0225	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	0.592 [a]	0.020	0.0073	mg/l	
91-20-3	Naphthalene	0.0134	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	0.0449	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	0.0407	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	0.0073	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	0.0085	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	0.0738	0.0060	0.0017	mg/l	
	m,p-Xylene	0.0689	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	0.0049	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	110%	79-122%
17060-07-0	1,2-Dichloroethane-D4	106%	107%	75-121%
2037-26-5	Toluene-D8	102%	99%	87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%	101%	80-133%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07813.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	750 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.013	0.0066	mg/l	
95-57-8	2-Chlorophenol	ND	0.0067	0.0016	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0067	0.0015	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0067	0.0029	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0067	0.0017	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.033	0.020	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.013	0.0018	mg/l	
95-48-7	2-Methylphenol	ND	0.0067	0.0011	mg/l	
	3&4-Methylphenol	ND	0.0067	0.0021	mg/l	
88-75-5	2-Nitrophenol	ND	0.0067	0.0026	mg/l	
100-02-7	4-Nitrophenol	ND	0.033	0.0089	mg/l	
87-86-5	Pentachlorophenol	ND	0.033	0.018	mg/l	
108-95-2	Phenol	0.0045	0.0067	0.0010	mg/l	J
95-95-4	2,4,5-Trichlorophenol	ND	0.0067	0.0015	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0067	0.0015	mg/l	
83-32-9	Acenaphthene	ND	0.0067	0.0021	mg/l	
208-96-8	Acenaphthylene	ND	0.0067	0.0016	mg/l	
62-53-3	Aniline	ND	0.0067	0.0061	mg/l	
120-12-7	Anthracene	ND	0.0067	0.0015	mg/l	
92-87-5	Benzidine	ND	0.033	0.0080	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0067	0.0014	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0067	0.0014	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0067	0.0012	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0067	0.0022	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0067	0.0014	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0067	0.0018	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0067	0.0022	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0067	0.0017	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0067	0.0019	mg/l	
106-47-8	4-Chloroaniline	ND	0.0067	0.0057	mg/l	
86-74-8	Carbazole	ND	0.0067	0.0020	mg/l	
218-01-9	Chrysene	ND	0.0067	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0067	0.0017	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0067	0.0017	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0067	0.0026	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0067	0.0017	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0067	0.0017	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0067	0.0018	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0067	0.0017	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0067	0.0017	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0067	0.0019	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0067	0.0018	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.013	0.0043	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0067	0.0021	mg/l	
132-64-9	Dibenzofuran	ND	0.0067	0.0018	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0067	0.0014	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0067	0.0017	mg/l	
84-66-2	Diethyl phthalate	ND	0.0067	0.0014	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0067	0.0014	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0041	0.0067	0.0023	mg/l	J
206-44-0	Fluoranthene	ND	0.0067	0.0013	mg/l	
86-73-7	Fluorene	ND	0.0067	0.0018	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0067	0.0018	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0067	0.0015	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.013	0.0069	mg/l	
67-72-1	Hexachloroethane	ND	0.0067	0.0013	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0067	0.0024	mg/l	
78-59-1	Isophorone	ND	0.0067	0.0016	mg/l	
90-12-0	1-Methylnaphthalene	0.0035	0.0067	0.0015	mg/l	J
91-57-6	2-Methylnaphthalene	ND	0.0067	0.0017	mg/l	
88-74-4	2-Nitroaniline	ND	0.0067	0.0019	mg/l	
99-09-2	3-Nitroaniline	ND	0.0067	0.0044	mg/l	
100-01-6	4-Nitroaniline	ND	0.0067	0.0031	mg/l	
91-20-3	Naphthalene	0.0027	0.0067	0.0015	mg/l	J
98-95-3	Nitrobenzene	ND	0.0067	0.0023	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0067	0.0013	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0067	0.0019	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0067	0.0022	mg/l	
85-01-8	Phenanthrene	ND	0.0067	0.0013	mg/l	
129-00-0	Pyrene	ND	0.0067	0.0022	mg/l	
110-86-1	Pyridine	ND	0.0067	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0067	0.0017	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-66%
4165-62-2	Phenol-d5	45%		10-53%
118-79-6	2,4,6-Tribromophenol	101%		32-128%
4165-60-0	Nitrobenzene-d5	80%		29-115%
321-60-8	2-Fluorobiphenyl	86%		34-113%
1718-51-0	Terphenyl-d14	89%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050826.D	10	12/28/09	FI	n/a	n/a	GEE2564
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.21	1.0	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		42-123%
98-08-8	aaa-Trifluorotoluene	110%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217210.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits) [a]	0.266	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	53%		21-129%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6		
Lab Sample ID:	T44430-10	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.013	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	1.6	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.0022	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0015 J	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.0014 J	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.011	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-6 (DISSOLVED)		
Lab Sample ID:	T44430-10A	**Date Sampled:**	12/17/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.012	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.29	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0013 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000050 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0060	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037238.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.50 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0214	0.056	0.0092	mg/kg	J
71-43-2	Benzene	ND	0.0056	0.00078	mg/kg	
108-86-1	Bromobenzene	ND	0.0056	0.00062	mg/kg	
74-97-5	Bromochloromethane	ND	0.0056	0.00065	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0056	0.00082	mg/kg	
75-25-2	Bromoform	ND	0.0056	0.0010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0056	0.00077	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0056	0.00086	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0056	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0056	0.00063	mg/kg	
75-00-3	Chloroethane	ND	0.0056	0.0010	mg/kg	
67-66-3	Chloroform	ND	0.0056	0.00068	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0056	0.00094	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0056	0.0012	mg/kg	
75-15-0	Carbon disulfide	ND	0.011	0.00062	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0056	0.00072	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0056	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0056	0.00086	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0056	0.00074	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0056	0.0030	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0056	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0056	0.00075	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0056	0.00089	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0056	0.00078	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0056	0.00065	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0056	0.00061	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0056	0.0013	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0056	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0056	0.00060	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0056	0.00080	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0056	0.00080	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0056	0.00078	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0056	0.00088	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0056	0.00070	mg/kg	
100-41-4	Ethylbenzene	ND	0.0056	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.056	0.0073	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0056	0.0013	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0056	0.00078	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0056	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.056	0.0062	mg/kg	
74-83-9	Methyl bromide	ND	0.0056	0.0013	mg/kg	
74-87-3	Methyl chloride	ND	0.0056	0.0013	mg/kg	
74-95-3	Methylene bromide	ND	0.0056	0.0010	mg/kg	
75-09-2	Methylene chloride	ND	0.011	0.0026	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.056	0.0064	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0056	0.00095	mg/kg	
91-20-3	Naphthalene	ND	0.0056	0.00096	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0056	0.00082	mg/kg	
100-42-5	Styrene	ND	0.0056	0.00086	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0056	0.00047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0056	0.00077	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0056	0.0015	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0056	0.0022	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0056	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0056	0.0019	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0056	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0056	0.00095	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0056	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	0.0012	0.0056	0.00086	mg/kg	J
108-88-3	Toluene	ND	0.0056	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0056	0.0019	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0056	0.00078	mg/kg	
75-01-4	Vinyl chloride	ND	0.0056	0.0011	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0023	mg/kg	
	m,p-Xylene	ND	0.011	0.0016	mg/kg	
95-47-6	o-Xylene	ND	0.0056	0.00071	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-121%
2037-26-5	Toluene-D8	109%		76-132%
460-00-4	4-Bromofluorobenzene	110%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	82%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150091.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.075	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.056	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.044	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.048	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.036	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.50	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.40	0.080	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.038	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.046	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.50	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.081	mg/kg	
108-95-2	Phenol	ND	0.20	0.035	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.052	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.062	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.055	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.047	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	ND	0.20	0.039	mg/kg	
92-87-5	Benzidine	ND	2.0	0.36	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.077	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.049	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.047	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.037	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.054	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.054	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.055	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.044	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.14	mg/kg	
86-74-8	Carbazole	ND	0.20	0.037	mg/kg	
218-01-9	Chrysene	ND	0.20	0.044	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.042	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.048	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.065	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.056	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.033	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.052	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.035	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.074	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.044	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.054	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.40	0.087	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.052	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.054	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.047	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.050	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.058	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.085	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.041	mg/kg	
86-73-7	Fluorene	ND	0.20	0.054	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.058	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.056	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.33	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.052	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.072	mg/kg	
78-59-1	Isophorone	ND	0.20	0.043	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.20	0.047	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.063	mg/kg	
88-74-4	2-Nitroaniline	ND	0.20	0.075	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.080	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.040	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.032	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.044	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.050	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.050	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.054	mg/kg	
129-00-0	Pyrene	ND	0.20	0.039	mg/kg	
110-86-1	Pyridine	ND	0.20	0.034	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.051	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		26-124%
4165-62-2	Phenol-d5	66%		19-106%
118-79-6	2,4,6-Tribromophenol	71%		18-129%
4165-60-0	Nitrobenzene-d5	62%		18-104%
321-60-8	2-Fluorobiphenyl	79%		21-114%
1718-51-0	Terphenyl-d14	70%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050792.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.37 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.8	0.44	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		46-127%
98-08-8	aaa-Trifluorotoluene	106%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217140.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.0	0.35	mg/kg	
	TPH (Kerosene)	ND	8.0	0.32	mg/kg	
	TPH (Mineral Spirits) [a]	22.3	8.0	0.41	mg/kg	
	TPH (Motor Oil)	ND	8.0	0.74	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	35%		25-123%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	81.6
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.0	0.68	0.14	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	237	14	0.041	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.23 J	0.34	0.068	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	17.8	0.68	0.048	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	9.5	0.68	0.27	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.0076 J	0.020	0.00079	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.16 U	0.68	0.16	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.21 J	0.68	0.055	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-7 0-2'		
Lab Sample ID:	T44430-11	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	81.6
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	81.6		%	1	12/21/09	AA	SM 2540 G
pH	6.86		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037239.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.39 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0110	0.059	0.0098	mg/kg	J
71-43-2	Benzene	ND	0.0059	0.00083	mg/kg	
108-86-1	Bromobenzene	ND	0.0059	0.00066	mg/kg	
74-97-5	Bromochloromethane	ND	0.0059	0.00069	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0059	0.00087	mg/kg	
75-25-2	Bromoform	ND	0.0059	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0059	0.00082	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0059	0.00091	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0059	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0059	0.00067	mg/kg	
75-00-3	Chloroethane	ND	0.0059	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0059	0.00072	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0059	0.0010	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0059	0.0013	mg/kg	
75-15-0	Carbon disulfide	ND	0.012	0.00066	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0059	0.00076	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0059	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0059	0.00091	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0059	0.00078	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0059	0.0032	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0059	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0059	0.00079	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0059	0.00095	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0059	0.00083	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0059	0.00068	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0059	0.00065	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0059	0.0014	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0059	0.0012	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0059	0.00063	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0059	0.00085	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0059	0.00085	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0059	0.00083	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0059	0.00093	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0059	0.00074	mg/kg	
100-41-4	Ethylbenzene	ND	0.0059	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.059	0.0078	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0059	0.0013	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0059	0.00083	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0059	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.059	0.0066	mg/kg	
74-83-9	Methyl bromide	ND	0.0059	0.0014	mg/kg	
74-87-3	Methyl chloride	ND	0.0059	0.0013	mg/kg	
74-95-3	Methylene bromide	ND	0.0059	0.0011	mg/kg	
75-09-2	Methylene chloride	0.0051	0.012	0.0028	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.059	0.0068	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0059	0.0010	mg/kg	
91-20-3	Naphthalene	ND	0.0059	0.0010	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0059	0.00087	mg/kg	
100-42-5	Styrene	ND	0.0059	0.00091	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0059	0.00050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0059	0.00082	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0059	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0059	0.0023	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0059	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0059	0.0020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0059	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0059	0.0010	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0059	0.0012	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0059	0.00091	mg/kg	
108-88-3	Toluene	ND	0.0059	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0059	0.0020	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0059	0.00082	mg/kg	
75-01-4	Vinyl chloride	ND	0.0059	0.0012	mg/kg	
1330-20-7	Xylene (total)	ND	0.018	0.0025	mg/kg	
	m,p-Xylene	ND	0.012	0.0017	mg/kg	
95-47-6	o-Xylene	ND	0.0059	0.00076	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-121%
2037-26-5	Toluene-D8	106%		76-132%
460-00-4	4-Bromofluorobenzene	104%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	82%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150092.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.1	0.079	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.059	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.047	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.051	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.038	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.1	0.53	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.42	0.084	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.040	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.048	mg/kg	
100-02-7	4-Nitrophenol	ND	1.1	0.52	mg/kg	
87-86-5	Pentachlorophenol	ND	1.1	0.085	mg/kg	
108-95-2	Phenol	ND	0.21	0.037	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.054	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.066	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.058	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.050	mg/kg	
62-53-3	Aniline	ND	1.1	0.23	mg/kg	
120-12-7	Anthracene	ND	0.21	0.041	mg/kg	
92-87-5	Benzidine	ND	2.1	0.38	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.081	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.052	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.050	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.039	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.057	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.057	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.058	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.046	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.039	mg/kg	
218-01-9	Chrysene	ND	0.21	0.046	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.045	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.050	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.069	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.059	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.035	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.055	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.037	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.078	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.046	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.056	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.42	0.091	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.055	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.057	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.050	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.052	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.061	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.089	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.043	mg/kg	
86-73-7	Fluorene	ND	0.21	0.057	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.061	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.059	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.1	0.35	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.055	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.075	mg/kg	
78-59-1	Isophorone	ND	0.21	0.045	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.21	0.049	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.066	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.079	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.085	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.042	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.034	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.046	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.052	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.053	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.056	mg/kg	
129-00-0	Pyrene	ND	0.21	0.041	mg/kg	
110-86-1	Pyridine	ND	0.21	0.036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.054	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		26-124%
4165-62-2	Phenol-d5	64%		19-106%
118-79-6	2,4,6-Tribromophenol	66%		18-129%
4165-60-0	Nitrobenzene-d5	59%		18-104%
321-60-8	2-Fluorobiphenyl	75%		21-114%
1718-51-0	Terphenyl-d14	68%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050793.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.41 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.3	0.46	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		46-127%
98-08-8	aaa-Trifluorotoluene	105%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	78.5
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217146.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.4	0.37	mg/kg	
	TPH (Kerosene)	ND	8.4	0.34	mg/kg	
	TPH (Mineral Spirits) [a]	12.0	8.4	0.43	mg/kg	
	TPH (Motor Oil)	ND	8.4	0.78	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	42%		25-123%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	78.5
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.3	0.75	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	255	15	0.045	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.17 J	0.37	0.075	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	17.1	0.75	0.052	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	8.8	0.75	0.30	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.023	0.020	0.00080	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.18 U	0.75	0.18	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.14 J	0.75	0.060	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-7 14-16'		
Lab Sample ID:	T44430-12	**Date Sampled:**	12/17/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	78.5
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	78.5		%	1	12/21/09	AA	SM 2540 G
pH	7.33		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022762.D	1	12/27/09	AP	n/a	n/a	VF3700
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	0.0036	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		79-122%
17060-07-0	1,2-Dichloroethane-D4	110%		75-121%
2037-26-5	Toluene-D8	100%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07814.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
Run #2							

	Initial Volume	Final Volume
Run #1	700 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.014	0.0071	mg/l	
95-57-8	2-Chlorophenol	ND	0.0071	0.0017	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0071	0.0017	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0071	0.0032	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0071	0.0018	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.036	0.022	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.014	0.0020	mg/l	
95-48-7	2-Methylphenol	ND	0.0071	0.0012	mg/l	
	3&4-Methylphenol	ND	0.0071	0.0023	mg/l	
88-75-5	2-Nitrophenol	ND	0.0071	0.0028	mg/l	
100-02-7	4-Nitrophenol	ND	0.036	0.0095	mg/l	
87-86-5	Pentachlorophenol	ND	0.036	0.019	mg/l	
108-95-2	Phenol	ND	0.0071	0.0011	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0071	0.0017	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0071	0.0016	mg/l	
83-32-9	Acenaphthene	ND	0.0071	0.0022	mg/l	
208-96-8	Acenaphthylene	ND	0.0071	0.0017	mg/l	
62-53-3	Aniline	ND	0.0071	0.0065	mg/l	
120-12-7	Anthracene	ND	0.0071	0.0016	mg/l	
92-87-5	Benzidine	ND	0.036	0.0085	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0071	0.0015	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0071	0.0015	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0071	0.0012	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0071	0.0024	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0071	0.0015	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0071	0.0020	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0071	0.0023	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0071	0.0019	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0071	0.0020	mg/l	
106-47-8	4-Chloroaniline	ND	0.0071	0.0061	mg/l	
86-74-8	Carbazole	ND	0.0071	0.0021	mg/l	
218-01-9	Chrysene	ND	0.0071	0.0014	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0071	0.0018	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0071	0.0019	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0071	0.0028	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0071	0.0019	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0071	0.0018	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0071	0.0020	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0071	0.0018	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0071	0.0018	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0071	0.0020	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0071	0.0019	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.014	0.0046	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0071	0.0022	mg/l	
132-64-9	Dibenzofuran	ND	0.0071	0.0019	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0071	0.0015	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0071	0.0019	mg/l	
84-66-2	Diethyl phthalate	ND	0.0071	0.0015	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0071	0.0015	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.0030	0.0071	0.0025	mg/l	J
206-44-0	Fluoranthene	ND	0.0071	0.0014	mg/l	
86-73-7	Fluorene	ND	0.0071	0.0019	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0071	0.0019	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0071	0.0016	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.014	0.0074	mg/l	
67-72-1	Hexachloroethane	ND	0.0071	0.0014	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0071	0.0026	mg/l	
78-59-1	Isophorone	ND	0.0071	0.0017	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0071	0.0016	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0071	0.0018	mg/l	
88-74-4	2-Nitroaniline	ND	0.0071	0.0020	mg/l	
99-09-2	3-Nitroaniline	ND	0.0071	0.0047	mg/l	
100-01-6	4-Nitroaniline	ND	0.0071	0.0033	mg/l	
91-20-3	Naphthalene	ND	0.0071	0.0016	mg/l	
98-95-3	Nitrobenzene	ND	0.0071	0.0025	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0071	0.0014	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0071	0.0020	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0071	0.0024	mg/l	
85-01-8	Phenanthrene	ND	0.0071	0.0014	mg/l	
129-00-0	Pyrene	ND	0.0071	0.0024	mg/l	
110-86-1	Pyridine	ND	0.0071	0.0014	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0071	0.0018	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		10-66%
4165-62-2	Phenol-d5	44%		10-53%
118-79-6	2,4,6-Tribromophenol	76%		32-128%
4165-60-0	Nitrobenzene-d5	73%		29-115%
321-60-8	2-Fluorobiphenyl	73%		34-113%
1718-51-0	Terphenyl-d14	91%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050822.D	1	12/28/09	FI	n/a	n/a	GEE2564
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		42-123%
98-08-8	aaa-Trifluorotoluene	107%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217200.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	46%		21-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7		
Lab Sample ID:	T44430-13	**Date Sampled:**	12/17/09
Matrix:	AQ - Ground Water	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.013	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.73	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.0013	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.016	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.0097	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0057	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-7 (DISSOLVED)		
Lab Sample ID:	T44430-13A	**Date Sampled:**	12/17/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/18/09
		Percent Solids:	n/a
Project:	Farmers Co-op Supply Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.00089 U	0.0040	0.00089	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.19	0.010	0.0015	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0021 J	0.010	0.00089	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.000080 J	0.0025	0.000017	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.096 J	0.20	0.094	ug/l	1	12/23/09	12/23/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.0051	0.0020	0.00083	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/17/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4459
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10879

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037240.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.53 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.053	0.0088	mg/kg	
71-43-2	Benzene	ND	0.0053	0.00074	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	0.00059	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	0.00062	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0053	0.00079	mg/kg	
75-25-2	Bromoform	ND	0.0053	0.00099	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	0.00074	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	0.00082	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0053	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0053	0.00060	mg/kg	
75-00-3	Chloroethane	ND	0.0053	0.00097	mg/kg	
67-66-3	Chloroform	ND	0.0053	0.00065	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	0.00090	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	0.0012	mg/kg	
75-15-0	Carbon disulfide	ND	0.011	0.00060	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0053	0.00069	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0053	0.00097	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0053	0.00082	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0053	0.00070	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	0.0028	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0053	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0053	0.00071	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0053	0.00086	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0053	0.00075	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0053	0.00062	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0053	0.00058	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	0.0013	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0053	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0053	0.00057	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0053	0.00076	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0053	0.00076	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0053	0.00074	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0053	0.00084	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0053	0.00067	mg/kg	
100-41-4	Ethylbenzene	ND	0.0053	0.00096	mg/kg	
591-78-6	2-Hexanone	ND	0.053	0.0070	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	0.00074	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	0.00096	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.053	0.0059	mg/kg	
74-83-9	Methyl bromide	ND	0.0053	0.0013	mg/kg	
74-87-3	Methyl chloride	ND	0.0053	0.0012	mg/kg	
74-95-3	Methylene bromide	ND	0.0053	0.0010	mg/kg	
75-09-2	Methylene chloride	0.0061	0.011	0.0025	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.053	0.0062	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0053	0.00090	mg/kg	
91-20-3	Naphthalene	ND	0.0053	0.00092	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	0.00078	mg/kg	
100-42-5	Styrene	ND	0.0053	0.00082	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0053	0.00045	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0053	0.00074	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0053	0.0014	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0053	0.0021	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	0.0018	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	0.00091	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	0.0010	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0053	0.00082	mg/kg	
108-88-3	Toluene	ND	0.0053	0.0010	mg/kg	
79-01-6	Trichloroethylene	ND	0.0053	0.0018	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0053	0.00074	mg/kg	
75-01-4	Vinyl chloride	ND	0.0053	0.0011	mg/kg	
1330-20-7	Xylene (total)	ND	0.016	0.0022	mg/kg	
	m,p-Xylene	ND	0.011	0.0015	mg/kg	
95-47-6	o-Xylene	ND	0.0053	0.00068	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-121%
2037-26-5	Toluene-D8	110%		76-132%
460-00-4	4-Bromofluorobenzene	115%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	83%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150093.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	0.98	0.073	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.055	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.043	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.047	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.035	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.98	0.49	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.39	0.078	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.037	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.045	mg/kg	
100-02-7	4-Nitrophenol	ND	0.98	0.48	mg/kg	
87-86-5	Pentachlorophenol	ND	0.98	0.079	mg/kg	
108-95-2	Phenol	ND	0.20	0.035	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.050	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.061	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.054	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.046	mg/kg	
62-53-3	Aniline	ND	0.98	0.21	mg/kg	
120-12-7	Anthracene	ND	0.20	0.038	mg/kg	
92-87-5	Benzidine	ND	2.0	0.35	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.075	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.031	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.048	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.046	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.036	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.053	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.053	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.054	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.043	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.14	mg/kg	
86-74-8	Carbazole	ND	0.20	0.036	mg/kg	
218-01-9	Chrysene	ND	0.20	0.043	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.041	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.046	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.064	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.055	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.033	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.051	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.034	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.073	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.043	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.052	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.39	0.085	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.10	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.051	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.053	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.046	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.048	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.056	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.083	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.040	mg/kg	
86-73-7	Fluorene	ND	0.20	0.053	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.057	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.055	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.98	0.32	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.051	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.070	mg/kg	
78-59-1	Isophorone	ND	0.20	0.042	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.20	0.046	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.061	mg/kg	
88-74-4	2-Nitroaniline	ND	0.20	0.073	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.078	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.10	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.039	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.032	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.043	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.048	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.049	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.052	mg/kg	
129-00-0	Pyrene	ND	0.20	0.038	mg/kg	
110-86-1	Pyridine	ND	0.20	0.034	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.050	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		26-124%
4165-62-2	Phenol-d5	69%		19-106%
118-79-6	2,4,6-Tribromophenol	74%		18-129%
4165-60-0	Nitrobenzene-d5	64%		18-104%
321-60-8	2-Fluorobiphenyl	79%		21-114%
1718-51-0	Terphenyl-d14	74%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050794.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.22 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	0.42	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		46-127%
98-08-8	aaa-Trifluorotoluene	107%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	84.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217147.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	7.8	0.34	mg/kg	
	TPH (Kerosene)	ND	7.8	0.32	mg/kg	
	TPH (Mineral Spirits) [a]	17.7	7.8	0.40	mg/kg	
	TPH (Motor Oil)	ND	7.8	0.72	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	38%		25-123%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	84.9
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.4	0.70	0.14	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	199	14	0.042	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.16 J	0.35	0.070	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	17.6	0.70	0.049	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	9.5	0.70	0.28	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.00069 U	0.017	0.00069	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.17 U	0.70	0.17	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.16 J	0.70	0.056	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-3 0-2'		
Lab Sample ID:	T44430-14	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	84.9
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	84.9		%	1	12/21/09	AA	SM 2540 G
pH	7.85		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037245.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.65 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.113	0.055	0.0092	mg/kg	
71-43-2	Benzene	ND	0.0055	0.00077	mg/kg	
108-86-1	Bromobenzene	ND	0.0055	0.00061	mg/kg	
74-97-5	Bromochloromethane	ND	0.0055	0.00065	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0055	0.00082	mg/kg	
75-25-2	Bromoform	ND	0.0055	0.0010	mg/kg	
104-51-8	n-Butylbenzene	0.0584	0.0055	0.00077	mg/kg	
135-98-8	sec-Butylbenzene	0.124	0.0055	0.00085	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0055	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0055	0.00062	mg/kg	
75-00-3	Chloroethane	ND	0.0055	0.0010	mg/kg	
67-66-3	Chloroform	ND	0.0055	0.00067	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0055	0.00093	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0055	0.0012	mg/kg	
75-15-0	Carbon disulfide	0.0069	0.011	0.00062	mg/kg	J
56-23-5	Carbon tetrachloride	ND	0.0055	0.00071	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0055	0.0010	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0055	0.00086	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0055	0.00073	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0055	0.0030	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0055	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0055	0.00074	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0055	0.00089	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0055	0.00078	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0055	0.00064	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0055	0.00061	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0055	0.0013	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0055	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0055	0.00059	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0055	0.00079	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0055	0.00080	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0055	0.00077	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0055	0.00087	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0055	0.00069	mg/kg	
100-41-4	Ethylbenzene	ND	0.0055	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.055	0.0073	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0055	0.0013	mg/kg	
98-82-8	Isopropylbenzene	0.0391	0.0055	0.00077	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0055	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.055	0.0062	mg/kg	
74-83-9	Methyl bromide	ND	0.0055	0.0013	mg/kg	
74-87-3	Methyl chloride	ND	0.0055	0.0013	mg/kg	
74-95-3	Methylene bromide	ND	0.0055	0.0010	mg/kg	
75-09-2	Methylene chloride	0.0038	0.011	0.0026	mg/kg	J
78-93-3	Methyl ethyl ketone	0.0268	0.055	0.0064	mg/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	0.0055	0.00094	mg/kg	
91-20-3	Naphthalene	ND	0.0055	0.00096	mg/kg	
103-65-1	n-Propylbenzene	0.0964	0.0055	0.00081	mg/kg	
100-42-5	Styrene	ND	0.0055	0.00086	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0055	0.00047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0055	0.00077	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0055	0.0015	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0055	0.0022	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0055	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0055	0.0019	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0055	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0055	0.00094	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0055	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0055	0.00086	mg/kg	
108-88-3	Toluene	ND	0.0055	0.0011	mg/kg	
79-01-6	Trichloroethylene	ND	0.0055	0.0019	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0055	0.00077	mg/kg	
75-01-4	Vinyl chloride	ND	0.0055	0.0011	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0023	mg/kg	
	m,p-Xylene	ND	0.011	0.0016	mg/kg	
95-47-6	o-Xylene	ND	0.0055	0.00071	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		70-121%
2037-26-5	Toluene-D8	119%		76-132%
460-00-4	4-Bromofluorobenzene	145%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150094.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.078	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.058	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.046	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.050	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.037	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.52	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.083	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.039	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.048	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.51	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.084	mg/kg	
108-95-2	Phenol	ND	0.21	0.037	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.053	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.065	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.057	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.049	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	ND	0.21	0.040	mg/kg	
92-87-5	Benzidine	ND	2.1	0.38	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.079	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.051	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.049	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.039	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.056	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.056	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.057	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.045	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.038	mg/kg	
218-01-9	Chrysene	ND	0.21	0.045	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.044	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.049	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.067	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.058	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.035	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.054	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.036	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.077	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.045	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.055	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.090	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.054	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.056	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.049	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.051	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.060	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.088	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.043	mg/kg	
86-73-7	Fluorene	ND	0.21	0.056	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.060	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.058	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.34	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.054	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.074	mg/kg	
78-59-1	Isophorone	ND	0.21	0.045	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.21	0.048	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.065	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.077	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.083	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.041	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.034	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.045	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.051	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.052	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.055	mg/kg	
129-00-0	Pyrene	ND	0.21	0.040	mg/kg	
110-86-1	Pyridine	ND	0.21	0.036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.053	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		26-124%
4165-62-2	Phenol-d5	73%		19-106%
118-79-6	2,4,6-Tribromophenol	82%		18-129%
4165-60-0	Nitrobenzene-d5	68%		18-104%
321-60-8	2-Fluorobiphenyl	85%		21-114%
1718-51-0	Terphenyl-d14	74%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050795.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.34 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	28.7	7.1	0.45	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	124%		46-127%
98-08-8	aaa-Trifluorotoluene	119%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	79.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217148.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.2	0.36	mg/kg	
	TPH (Kerosene)	ND	8.2	0.33	mg/kg	
	TPH (Mineral Spirits) [a]	68.9	8.2	0.42	mg/kg	
	TPH (Motor Oil)	ND	8.2	0.75	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	43%		25-123%

(a) Concentration calculated against Mineral Spirits curve. The sample does not show a characteristic Mineral Spirits pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.9
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	8.9	0.68	0.14	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	292	14	0.041	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.54	0.34	0.068	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	21.8	0.68	0.048	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	14.6	0.68	0.27	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.041	0.019	0.00075	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.16 U	0.68	0.16	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.26 J	0.68	0.055	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-3 14-16'		
Lab Sample ID:	T44430-15	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	79.9
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	79.9		%	1	12/21/09	AA	SM 2540 G
pH	7.47		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037241.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.065	0.011	mg/kg	
71-43-2	Benzene	ND	0.0065	0.00090	mg/kg	
108-86-1	Bromobenzene	ND	0.0065	0.00072	mg/kg	
74-97-5	Bromochloromethane	ND	0.0065	0.00075	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0065	0.00095	mg/kg	
75-25-2	Bromoform	ND	0.0065	0.0012	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0065	0.00089	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0065	0.00099	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0065	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0065	0.00073	mg/kg	
75-00-3	Chloroethane	ND	0.0065	0.0012	mg/kg	
67-66-3	Chloroform	ND	0.0065	0.00078	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0065	0.0011	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0065	0.0014	mg/kg	
75-15-0	Carbon disulfide	ND	0.013	0.00072	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0065	0.00083	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0065	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0065	0.0010	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0065	0.00085	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0065	0.0034	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0065	0.0013	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0065	0.00086	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0065	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0065	0.00091	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0065	0.00075	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0065	0.00071	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0065	0.0015	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0065	0.0013	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0065	0.00069	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0065	0.00092	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0065	0.00093	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0065	0.00090	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0065	0.0010	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0065	0.00081	mg/kg	
100-41-4	Ethylbenzene	ND	0.0065	0.0012	mg/kg	
591-78-6	2-Hexanone	ND	0.065	0.0085	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0065	0.0015	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0065	0.00090	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0065	0.0012	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.065	0.0072	mg/kg	
74-83-9	Methyl bromide	ND	0.0065	0.0015	mg/kg	
74-87-3	Methyl chloride	ND	0.0065	0.0015	mg/kg	
74-95-3	Methylene bromide	ND	0.0065	0.0012	mg/kg	
75-09-2	Methylene chloride	ND	0.013	0.0030	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.065	0.0075	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0065	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0065	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0065	0.00095	mg/kg	
100-42-5	Styrene	ND	0.0065	0.0010	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0065	0.00055	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0065	0.00090	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0065	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0065	0.0025	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0065	0.0013	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0065	0.0022	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0065	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0065	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0065	0.0013	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0065	0.0010	mg/kg	
108-88-3	Toluene	ND	0.0065	0.0012	mg/kg	
79-01-6	Trichloroethylene	ND	0.0065	0.0022	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0065	0.00090	mg/kg	
75-01-4	Vinyl chloride	ND	0.0065	0.0013	mg/kg	
1330-20-7	Xylene (total)	ND	0.019	0.0027	mg/kg	
	m,p-Xylene	ND	0.013	0.0019	mg/kg	
95-47-6	o-Xylene	ND	0.0065	0.00083	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-121%
2037-26-5	Toluene-D8	115%		76-132%
460-00-4	4-Bromofluorobenzene	127%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	83%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150112.D	1	12/23/09	SC	12/22/09	OP13722	EJ690
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.1	0.081	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.060	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.048	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.052	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.038	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.1	0.54	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.43	0.086	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.040	mg/kg	
	3&4-Methylphenol	ND	0.21	0.12	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.049	mg/kg	
100-02-7	4-Nitrophenol	ND	1.1	0.53	mg/kg	
87-86-5	Pentachlorophenol	ND	1.1	0.087	mg/kg	
108-95-2	Phenol	ND	0.21	0.038	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.21	0.055	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.067	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.059	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.051	mg/kg	
62-53-3	Aniline	ND	1.1	0.23	mg/kg	
120-12-7	Anthracene	ND	0.21	0.041	mg/kg	
92-87-5	Benzidine	ND	2.1	0.39	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.082	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.034	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.053	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.051	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.040	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.058	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.058	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.059	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.047	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.15	mg/kg	
86-74-8	Carbazole	ND	0.21	0.040	mg/kg	
218-01-9	Chrysene	ND	0.21	0.047	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.045	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.051	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.070	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.060	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.036	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.056	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.038	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.080	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.047	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.057	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.43	0.093	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.056	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.21	0.058	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.051	mg/kg	
84-66-2	Diethyl phthalate	ND	0.21	0.053	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.062	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.21	0.091	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.044	mg/kg	
86-73-7	Fluorene	ND	0.21	0.058	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.062	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.060	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.1	0.36	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.056	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.077	mg/kg	
78-59-1	Isophorone	ND	0.21	0.046	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.21	0.050	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.067	mg/kg	
88-74-4	2-Nitroaniline	ND	0.21	0.080	mg/kg	
99-09-2	3-Nitroaniline	ND	0.21	0.086	mg/kg	
100-01-6	4-Nitroaniline	ND	0.21	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.043	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.035	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.21	0.047	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.053	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.054	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.057	mg/kg	
129-00-0	Pyrene	ND	0.21	0.042	mg/kg	
110-86-1	Pyridine	ND	0.21	0.037	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.055	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		26-124%
4165-62-2	Phenol-d5	64%		19-106%
118-79-6	2,4,6-Tribromophenol	65%		18-129%
4165-60-0	Nitrobenzene-d5	59%		18-104%
321-60-8	2-Fluorobiphenyl	73%		21-114%
1718-51-0	Terphenyl-d14	67%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050823.D	1	12/28/09	FI	n/a	n/a	GEE2565
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.4	0.47	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		46-127%
98-08-8	aaa-Trifluorotoluene	107%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	76.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217149.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.5	0.38	mg/kg	
	TPH (Kerosene)	ND	8.5	0.35	mg/kg	
	TPH (Mineral Spirits)	ND	8.5	0.43	mg/kg	
	TPH (Motor Oil)	ND	8.5	0.79	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	37%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	76.9
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	7.5	0.77	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	161	15	0.046	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.87	0.38	0.077	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	17.2	0.77	0.054	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	27.8	0.77	0.31	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.039	0.021	0.00082	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.18 U	0.77	0.18	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.31 J	0.77	0.061	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-4 0-2'		
Lab Sample ID:	T44430-16	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	76.9
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	76.9		%	1	12/21/09	AA	SM 2540 G
pH	8.12		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037289.D	1	12/29/09	JL	n/a	n/a	VY2394
Run #2							

	Initial Weight	Final Volume
Run #1	5.31 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.058	0.0096	mg/kg	
71-43-2	Benzene	0.0016	0.0058	0.00081	mg/kg	J
108-86-1	Bromobenzene	ND	0.0058	0.00065	mg/kg	
74-97-5	Bromochloromethane	ND	0.0058	0.00068	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0058	0.00086	mg/kg	
75-25-2	Bromoform	ND	0.0058	0.0011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0058	0.00081	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0058	0.00090	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0058	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0058	0.00066	mg/kg	
75-00-3	Chloroethane	ND	0.0058	0.0011	mg/kg	
67-66-3	Chloroform	ND	0.0058	0.00071	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0058	0.00098	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0058	0.0013	mg/kg	
75-15-0	Carbon disulfide	ND	0.012	0.00065	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0058	0.00075	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0058	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0058	0.00090	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0058	0.00077	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0058	0.0031	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0058	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0058	0.00078	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0058	0.00093	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0058	0.00082	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0058	0.00067	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0058	0.00064	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0058	0.0014	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0058	0.0012	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0058	0.00063	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0058	0.00083	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0058	0.00084	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0058	0.00081	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0058	0.00091	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0058	0.00073	mg/kg	
100-41-4	Ethylbenzene	ND	0.0058	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.058	0.0077	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0058	0.0013	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0058	0.00081	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0058	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.058	0.0065	mg/kg	
74-83-9	Methyl bromide	ND	0.0058	0.0014	mg/kg	
74-87-3	Methyl chloride	ND	0.0058	0.0013	mg/kg	
74-95-3	Methylene bromide	ND	0.0058	0.0011	mg/kg	
75-09-2	Methylene chloride	0.0042	0.012	0.0027	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.058	0.0067	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0058	0.00099	mg/kg	
91-20-3	Naphthalene	ND	0.0058	0.0010	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0058	0.00086	mg/kg	
100-42-5	Styrene	ND	0.0058	0.00090	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0058	0.00049	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0058	0.00081	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0058	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0058	0.0023	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0058	0.0020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0058	0.00099	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0058	0.0011	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0058	0.00090	mg/kg	
108-88-3	Toluene	0.0031	0.0058	0.0011	mg/kg	J
79-01-6	Trichloroethylene	ND	0.0058	0.0020	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0058	0.00081	mg/kg	
75-01-4	Vinyl chloride	ND	0.0058	0.0012	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0024	mg/kg	
	m,p-Xylene	ND	0.012	0.0017	mg/kg	
95-47-6	o-Xylene	ND	0.0058	0.00074	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-121%
2037-26-5	Toluene-D8	102%		76-132%
460-00-4	4-Bromofluorobenzene	103%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	80%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150109.D	1	12/23/09	SC	12/22/09	OP13722	EJ690
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.076	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.057	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.045	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.049	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.036	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.51	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.081	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.038	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.047	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.50	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.082	mg/kg	
108-95-2	Phenol	ND	0.20	0.036	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.052	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.056	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.048	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	ND	0.20	0.039	mg/kg	
92-87-5	Benzidine	ND	2.0	0.37	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.078	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.050	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.048	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.038	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.055	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.055	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.056	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.044	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.15	mg/kg	
86-74-8	Carbazole	ND	0.20	0.038	mg/kg	
218-01-9	Chrysene	ND	0.20	0.044	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.043	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.048	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.066	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.057	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.034	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.036	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.076	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.044	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.054	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.088	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.053	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.055	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.048	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.050	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.058	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.086	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.042	mg/kg	
86-73-7	Fluorene	ND	0.20	0.055	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.059	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.057	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.34	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.073	mg/kg	
78-59-1	Isophorone	ND	0.20	0.044	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.20	0.048	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.064	mg/kg	
88-74-4	2-Nitroaniline	ND	0.20	0.076	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.082	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.040	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.033	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.044	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.050	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.051	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.054	mg/kg	
129-00-0	Pyrene	ND	0.20	0.039	mg/kg	
110-86-1	Pyridine	ND	0.20	0.035	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.052	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		26-124%
4165-62-2	Phenol-d5	63%		19-106%
118-79-6	2,4,6-Tribromophenol	60%		18-129%
4165-60-0	Nitrobenzene-d5	60%		18-104%
321-60-8	2-Fluorobiphenyl	72%		21-114%
1718-51-0	Terphenyl-d14	63%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-1	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050824.D	1	12/28/09	FI	n/a	n/a	GEE2565
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.65 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.6	0.42	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		46-127%
98-08-8	aaa-Trifluorotoluene	108%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	80.9
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217150.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.2	0.36	mg/kg	
	TPH (Kerosene)	ND	8.2	0.33	mg/kg	
	TPH (Mineral Spirits)	ND	8.2	0.42	mg/kg	
	TPH (Motor Oil)	ND	8.2	0.76	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	37%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	80.9
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.5	0.73	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	254	15	0.044	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.54	0.37	0.073	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	20.0	0.73	0.051	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	11.4	0.73	0.29	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.0030 J	0.020	0.00079	mg/kg	1	12/29/09	12/29/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.18 U	0.73	0.18	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.26 J	0.73	0.059	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4466
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10898

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-4 14-16'		
Lab Sample ID:	T44430-17	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/18/09
		Percent Solids:	80.9
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	80.9		%	1	12/21/09	AA	SM 2540 G
pH	7.54		su	1	12/19/09 13:20	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-18	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022727.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-18	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		79-122%
17060-07-0	1,2-Dichloroethane-D4	105%		75-121%
2037-26-5	Toluene-D8	104%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-18	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-19	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F022728.D	1	12/25/09	AP	n/a	n/a	VF3697
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-19	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		79-122%
17060-07-0	1,2-Dichloroethane-D4	106%		75-121%
2037-26-5	Toluene-D8	105%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-19	**Date Sampled:**	12/16/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-20	**Date Sampled:**	12/16/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0037231.D	1	12/27/09	JL	n/a	n/a	VY2392
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0097	0.050	0.0083	mg/kg	J
71-43-2	Benzene	ND	0.0050	0.00070	mg/kg	
108-86-1	Bromobenzene	ND	0.0050	0.00056	mg/kg	
74-97-5	Bromochloromethane	ND	0.0050	0.00059	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0050	0.00074	mg/kg	
75-25-2	Bromoform	ND	0.0050	0.00093	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0050	0.00069	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0050	0.00077	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0050	0.0010	mg/kg	
108-90-7	Chlorobenzene	ND	0.0050	0.00056	mg/kg	
75-00-3	Chloroethane	ND	0.0050	0.00091	mg/kg	
67-66-3	Chloroform	ND	0.0050	0.00061	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0050	0.00084	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0050	0.0011	mg/kg	
75-15-0	Carbon disulfide	ND	0.010	0.00056	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0050	0.00064	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0050	0.00091	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0050	0.00077	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0050	0.00066	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0050	0.0027	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0050	0.00099	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0050	0.00067	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0050	0.00080	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0050	0.00070	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0050	0.00058	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0050	0.00055	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0050	0.0012	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0050	0.0010	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.00054	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0050	0.00072	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0050	0.00072	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0050	0.00070	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-20	**Date Sampled:**	12/16/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0050	0.00079	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00063	mg/kg	
100-41-4	Ethylbenzene	ND	0.0050	0.00090	mg/kg	
591-78-6	2-Hexanone	ND	0.050	0.0066	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	0.0011	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0050	0.00070	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0050	0.00090	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.050	0.0056	mg/kg	
74-83-9	Methyl bromide	ND	0.0050	0.0012	mg/kg	
74-87-3	Methyl chloride	ND	0.0050	0.0011	mg/kg	
74-95-3	Methylene bromide	ND	0.0050	0.00094	mg/kg	
75-09-2	Methylene chloride	0.0041	0.010	0.0024	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.050	0.0058	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0050	0.00085	mg/kg	
91-20-3	Naphthalene	ND	0.0050	0.00087	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0050	0.00074	mg/kg	
100-42-5	Styrene	ND	0.0050	0.00077	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0050	0.00042	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0050	0.00069	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0013	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0020	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	0.0017	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	0.0010	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0050	0.00085	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0050	0.00098	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0050	0.00077	mg/kg	
108-88-3	Toluene	ND	0.0050	0.00095	mg/kg	
79-01-6	Trichloroethylene	ND	0.0050	0.0017	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0050	0.00070	mg/kg	
75-01-4	Vinyl chloride	ND	0.0050	0.0010	mg/kg	
1330-20-7	Xylene (total)	ND	0.015	0.0021	mg/kg	
	m,p-Xylene	ND	0.010	0.0015	mg/kg	
95-47-6	o-Xylene	ND	0.0050	0.00064	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-121%
2037-26-5	Toluene-D8	107%		76-132%
460-00-4	4-Bromofluorobenzene	112%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44430-20	**Date Sampled:**	12/16/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	12/18/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	83%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44430

Client / Reporting Information

Company Name: TTEMI

Project Contact: Emily Fisher or Bryant Merriman — E-Mail: emily.fisher@ttemi.com

Address: 415 Oak Street

City: Kansas City — State: MO — Zip: 64106

Phone No.: 816-412-1741 — Fax No.:

Samplers's Name:

Project Information

Project Name / No.: Farmers Co-op Supply Site

Bill to: TTEMI — Invoice Attn.: Lisa K. Wilson

Address: 415 Oak Street

City: Kansas — State: MO — Zip: 64106

Phone No.: — Fax No.:

Client Purchase Order #:

Requested Analyses

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Dissolved Metals /6020/7470 (Waters)					LAB USE ONLY
1	Rinsate	12/16/09	1155	GW																					
2	Rinsate	12/17/09	801	GW																					
3	Field Blank	12/16/09	1208	GW																					
4	Field Blank	12/17/09	811	GW																					
5/6	SB-5	12/17/09	815	SO																					
7 ~~8~~	SB-5	12/17/09	815	GW																					
8/9	SB-6	12/17/09	937	SO																					
10/~~11~~	SB-6	12/17/09	937	GW																					
11/12	SB-7	12/17/09	1105	SO																					
13	SB-7	12/17/09	1105	GW																					

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By:/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only

Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Bryant Merriman	12/17/09 1550	1	2 FedEx	12/18/09 9AC	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

4.1

4

T44430: Chain of Custody

Page 1 of 7

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44430

Client / Reporting Information

Company Name: TTEMI
Project Contact: Emily Fisher or Bryant Merriman
E-Mail: emily.fisher@ttemi.com
Address: 415 Oak Street
City: Kansas City State: MO Zip: 64106
Phone No.: 816-412-1741 Fax No.:
Samplers's Name:

Project Information

Project Name / No.: Beatrice Concrete Company Site
Bill to: TTEMI Invoice Attn.: Lisa K. Wilson
Address: 415 Oak Street
City: Kansas State: MO Zip: 64106
Phone No.: Fax No.:
Client Purchase Order #:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Ph	Dissolved Metals /6020/7470 (Waters)				LAB USE ONLY
14/15	SB-3	12/16/09	1505	SO																					
16/17	SB-4	12/16/09	1600	SO																					

Sampling Complete

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Bryant Merriman	12/17/09 1550	1	2 FCDS	12/18-9	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

4.1 4

T44430: Chain of Custody
Page 2 of 7

SAMPLE INSPECTION FORM

Accutest Job Number: T44430 Client: TTCMI Date/Time Received: 12-18-9 940

# of Coolers Received: 5 Thermometer #: IR-1 Temperature Adjustment Factor: +.4

Cooler Temps: #1: 3.2°C #2: 1.8°C #3: 2.0°C #4: 4.8°C #5: 3.0°C #6: _____ #7: _____ #8: _____

Method of Delivery: FEDEX UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: _____

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [X] Analyses unclear or missing
- [ ] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [X] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [X] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [X] Received Water Trip Blank
- [X] Received Soil TB

Number of Encores? _____
Number of 5035 kits? 10
Number of lab-filtered metals? _____

Summary of Discrepancies:
(1) All groundwater samples received say SB on chain but Bottle ids say GW (GS is #7,10,13)
(2) All Soil samples on COC ids are not identified by depth / Bottle ids are identified by depth.
(3) No Analysis on COC are checked

TECHNICIAN SIGNATURE/DATE: _____ 12-18-9

INFORMATION AND SAMPLE LABELING VERIFIED BY: TC 12/18/09

CORRECTIVE ACTIONS

Client Representative Notified: _____ **Date:** _____

By Accutest Representative: _____ **Via:** Phone Email

Client Instructions:

I:\mwalker\form\samplemanagement

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	1	Rinsate	12-16-9 1155	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	2	Rinsate	12/17-9 801	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	3	Field Blank	12-16-9 1200	W	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	4	Field Blank	12-17-9 811	↓	LAG	1-4	1-K	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	500	5	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	250	6	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	7-12	VR	1 2 3 4 5 6 7 8	<2 >12
	5	SB5 2-4'	12/17-9 815	S	802	1	2-42	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	202	2	VR	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 4 of 7

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	6	SB 5 10-20'	12-17-9 850	S	802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	7	GW-5	12-17-9 815	W	LAG	1-4	~~2-42~~ VK	1	<2 >12
					500	5		1	<2 >12
					250	6		1	<2 >12
					40	7-12	VR	1	<2 >12
	8	SB-6 0.2'	937	S	802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	9	SB-6 10-20'	937		802	1	2-42	1	<2 >12
					202	2	VR	1	<2 >12
					40	3-4		1	<2 >12
					40	5-6		1	<2 >12
	10	GW-6	937	W	LAG	1-4	1-K	1	<2 >12
					500	5		1	<2 >12
					250	6		1	<2 >12
					40	7-12	VR	1	<2 >12
					~~EG~~			1	<2 >12
								1	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 5 of 7

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 12-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH	
	11	SB-7 0.2'	12-17-9 1105	S	8oz	1	2-4R	1	<2	>12
					2oz	2	VR	1	<2	>12
					40	3-4		7	<2	>12
					40	5-6		6	<2	>12
	12	SB-7 14-16'	1105		8oz	1	2-4R	1	<2	>12
					2oz	2	VR	1	<2	>12
					40	3-4		7	<2	>12
					40	5-6		6	<2	>12
	13	GW-7	—	W	1LAG	1-4	7-K	1	<2	>12
					500	5	K	1	<2	>12
					250	6	1-K	3	<2	>12
					40	7-12	VR	2	<2	>12
	14	SB-3 0.2'	12-17-9 1505	S	8oz	1	2-4R		<2	>12
					2oz	2	VR		<2	>12
					40	3-4			<2	>12
					40	5-6			<2	>12
	15	SB-3 14-16'	1505		8oz	1	2-4R		<2	>12
					2oz	2	VR		<2	>12
					40	3-4			<2	>12
					40	5-6			<2	>12
									<2	>12
									<2	>12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44430: Chain of Custody

Page 6 of 7

SAMPLE RECEIPT LOG

JOB #: T44430 DATE/TIME RECEIVED: 11-18-9 940

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	16	SB-4 0-2'	12-16-9 1600	S	802	1	2-42	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	202	2	VR	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 [✓ 7] 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 [✓ 6] 7 8	<2 >12
	17	SB-4 14-16'	↓ 1600	S	802	1	2-42	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	202	2	VR	[✓ 1] 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	3-4	↓	1 2 3 4 5 6 [✓ 7] 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 [✓ 6] 7 8	<2 >12
	18	(W) Trip Blank	—	WTB	40	1-2	VR	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	19		—	WTB	↓	1-2	↓	1 [✓ 2] 3 4 5 6 7 8	<2 >12
	20	(S) Trip Blank	—	STB	↓	1-4	↓	1 2 3 4 5 [✓ 6] [✓ 7] 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

EC 11/18/9

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other
LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

T44430: Chain of Custody
Page 7 of 7

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-MB	F022722.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	4.7	ug/l	
71-43-2	Benzene	ND	2.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.82	ug/l	
74-97-5	Bromochloromethane	ND	2.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.49	ug/l	
75-25-2	Bromoform	ND	2.0	1.4	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.63	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.52	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	1.3	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.56	ug/l	
75-00-3	Chloroethane	ND	2.0	0.92	ug/l	
67-66-3	Chloroform	ND	2.0	0.64	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.70	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.9	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.55	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.62	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.54	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.61	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.1	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	1.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.69	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
591-78-6	2-Hexanone	ND	10	3.2	ug/l	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-MB	F022722.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	2.0	1.3	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.51	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.65	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	9.9	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.94	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.84	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.65	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	3.9	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.65	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.57	ug/l	
100-42-5	Styrene	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.80	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.98	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.82	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.70	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.91	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.52	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	0.53	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	79-122%
17060-07-0	1,2-Dichloroethane-D4	100%	75-121%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-MB	F022722.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Surrogate Recoveries		Limits
2037-26-5	Toluene-D8	104%	87-119%
460-00-4	4-Bromofluorobenzene	107%	80-133%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-MB	F022752.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	4.7	ug/l	
71-43-2	Benzene	ND	2.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.82	ug/l	
74-97-5	Bromochloromethane	ND	2.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.49	ug/l	
75-25-2	Bromoform	ND	2.0	1.4	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.63	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.52	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	1.3	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.56	ug/l	
75-00-3	Chloroethane	ND	2.0	0.92	ug/l	
67-66-3	Chloroform	ND	2.0	0.64	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.70	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.9	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.55	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.62	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.54	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.61	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.1	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	1.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.69	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
591-78-6	2-Hexanone	ND	10	3.2	ug/l	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-MB	F022752.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	2.0	1.3	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.51	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.65	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	9.9	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.94	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.84	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.65	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	3.9	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.65	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.57	ug/l	
100-42-5	Styrene	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.80	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.98	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.82	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.70	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.91	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.52	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	0.53	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	79-122%
17060-07-0	1,2-Dichloroethane-D4	101%	75-121%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-MB	F022752.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Surrogate Recoveries		Limits
2037-26-5	Toluene-D8	100%	87-119%
460-00-4	4-Bromofluorobenzene	101%	80-133%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-MB	Y0037230.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	8.3	ug/kg	
71-43-2	Benzene	ND	5.0	0.70	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.56	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.59	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.74	ug/kg	
75-25-2	Bromoform	ND	5.0	0.93	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.69	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.77	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.56	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.91	ug/kg	
67-66-3	Chloroform	ND	5.0	0.61	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.84	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.1	ug/kg	
75-15-0	Carbon disulfide	ND	10	0.56	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.91	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.77	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.80	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.70	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.54	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.72	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.72	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.70	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.79	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.90	ug/kg	
591-78-6	2-Hexanone	ND	50	6.6	ug/kg	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-MB	Y0037230.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	5.0	1.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.90	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	50	5.6	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.1	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.94	ug/kg	
75-09-2	Methylene chloride	ND	10	2.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	50	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.85	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.87	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.74	ug/kg	
100-42-5	Styrene	ND	5.0	0.77	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.85	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.98	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.77	ug/kg	
108-88-3	Toluene	ND	5.0	0.95	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.70	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	
	m,p-Xylene	ND	10	1.5	ug/kg	
95-47-6	o-Xylene	ND	5.0	0.64	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-121%
2037-26-5	Toluene-D8	109%	76-132%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-MB	Y0037230.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	112%	73-165%
17060-07-0	1,2-Dichloroethane-D4	86%	57-122%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2393-MB	Y0037256.D	1	12/28/09	JL	n/a	n/a	VY2393

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-9

CAS No.	Compound	Result	RL	MDL	Units	Q

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-121%
2037-26-5	Toluene-D8	106%	76-132%
460-00-4	4-Bromofluorobenzene	106%	73-165%
17060-07-0	1,2-Dichloroethane-D4	84%	57-122%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-MB	Y0037288.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	8.3	ug/kg	
71-43-2	Benzene	ND	5.0	0.70	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.56	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.59	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.74	ug/kg	
75-25-2	Bromoform	ND	5.0	0.93	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.69	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.77	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.56	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.91	ug/kg	
67-66-3	Chloroform	ND	5.0	0.61	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.84	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.1	ug/kg	
75-15-0	Carbon disulfide	ND	10	0.56	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.91	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.77	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.80	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.70	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.54	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.72	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.72	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.70	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.79	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.90	ug/kg	
591-78-6	2-Hexanone	ND	50	6.6	ug/kg	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-MB	Y0037288.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	5.0	1.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.90	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	50	5.6	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.1	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.94	ug/kg	
75-09-2	Methylene chloride	ND	10	2.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	50	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.85	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.87	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.74	ug/kg	
100-42-5	Styrene	ND	5.0	0.77	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.85	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.98	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.77	ug/kg	
108-88-3	Toluene	ND	5.0	0.95	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.70	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	
	m,p-Xylene	ND	10	1.5	ug/kg	
95-47-6	o-Xylene	ND	5.0	0.64	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	70-121%
2037-26-5	Toluene-D8	104%	76-132%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-MB	Y0037288.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	101%	73-165%
17060-07-0	1,2-Dichloroethane-D4	86%	57-122%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-BS	F022720.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	87.2	70	62-124
71-43-2	Benzene	25	26.9	108	76-118
108-86-1	Bromobenzene	25	25.8	103	72-110
74-97-5	Bromochloromethane	25	25.3	101	69-110
75-27-4	Bromodichloromethane	25	25.6	102	68-107
75-25-2	Bromoform	25	22.3	89	64-103
104-51-8	n-Butylbenzene	25	24.3	97	74-114
135-98-8	sec-Butylbenzene	25	25.7	103	76-118
98-06-6	tert-Butylbenzene	25	26.6	106	72-116
108-90-7	Chlorobenzene	25	25.4	102	74-111
75-00-3	Chloroethane	25	25.3	101	75-135
67-66-3	Chloroform	25	26.8	107	75-117
95-49-8	o-Chlorotoluene	25	26.4	106	74-113
106-43-4	p-Chlorotoluene	25	25.8	103	72-114
75-15-0	Carbon disulfide	25	29.2	117	57-126
56-23-5	Carbon tetrachloride	25	28.4	114	75-125
75-34-3	1,1-Dichloroethane	25	26.2	105	76-121
75-35-4	1,1-Dichloroethylene	25	24.9	100	71-128
563-58-6	1,1-Dichloropropene	25	29.6	118	76-122
96-12-8	1,2-Dibromo-3-chloropropane	25	19.8	79	55-121
106-93-4	1,2-Dibromoethane	25	24.2	97	69-106
107-06-2	1,2-Dichloroethane	25	25.7	103	70-111
78-87-5	1,2-Dichloropropane	25	24.8	99	71-113
142-28-9	1,3-Dichloropropane	25	25.6	102	69-106
594-20-7	2,2-Dichloropropane	25	25.5	102	68-130
124-48-1	Dibromochloromethane	25	24.8	99	69-104
75-71-8	Dichlorodifluoromethane	25	24.8	99	28-120
156-59-2	cis-1,2-Dichloroethylene	25	27.5	110	68-113
10061-01-5	cis-1,3-Dichloropropene	25	25.7	103	71-111
541-73-1	m-Dichlorobenzene	25	24.8	99	74-110
95-50-1	o-Dichlorobenzene	25	24.1	96	72-108
106-46-7	p-Dichlorobenzene	25	24.2	97	74-110
156-60-5	trans-1,2-Dichloroethylene	25	27.2	109	70-125
10061-02-6	trans-1,3-Dichloropropene	25	27.0	108	75-111
100-41-4	Ethylbenzene	25	25.8	103	75-112
591-78-6	2-Hexanone	125	92.5	74	60-113

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-BS	F022720.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
87-68-3	Hexachlorobutadiene	25	24.9	100	72-123
98-82-8	Isopropylbenzene	25	30.7	123	75-123
99-87-6	p-Isopropyltoluene	25	25.0	100	76-116
108-10-1	4-Methyl-2-pentanone	125	94.3	75	63-115
74-83-9	Methyl bromide	25	23.4	94	59-132
74-87-3	Methyl chloride	25	32.3	129	56-150
74-95-3	Methylene bromide	25	25.1	100	68-114
75-09-2	Methylene chloride	25	26.3	105	70-113
78-93-3	Methyl ethyl ketone	125	107	86	62-117
1634-04-4	Methyl Tert Butyl Ether	25	22.7	91	65-113
91-20-3	Naphthalene	25	20.4	82	53-127
103-65-1	n-Propylbenzene	25	26.3	105	74-115
100-42-5	Styrene	25	25.2	101* [a]	66-100
630-20-6	1,1,1,2-Tetrachloroethane	25	26.3	105	72-108
71-55-6	1,1,1-Trichloroethane	25	28.2	113	76-125
79-34-5	1,1,2,2-Tetrachloroethane	25	22.8	91	67-110
79-00-5	1,1,2-Trichloroethane	25	23.7	95	69-107
87-61-6	1,2,3-Trichlorobenzene	25	21.5	86	51-128
96-18-4	1,2,3-Trichloropropane	25	21.7	87	55-116
120-82-1	1,2,4-Trichlorobenzene	25	22.4	90	63-114
95-63-6	1,2,4-Trimethylbenzene	25	25.4	102	73-111
108-67-8	1,3,5-Trimethylbenzene	25	25.9	104	74-115
127-18-4	Tetrachloroethylene	25	28.4	114	77-120
108-88-3	Toluene	25	26.7	107	77-114
79-01-6	Trichloroethylene	25	27.8	111	74-117
75-69-4	Trichlorofluoromethane	25	24.8	99	64-132
75-01-4	Vinyl chloride	25	36.5	146* [a]	64-121
1330-20-7	Xylene (total)	75	79.0	105	75-111
	m,p-Xylene	50	52.7	105	75-112
95-47-6	o-Xylene	25	26.3	105	74-110

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	98%	75-121%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3697-BS	F022720.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	106%	87-119%
460-00-4	4-Bromofluorobenzene	102%	80-133%

(a) Outside control limits biased high. Only ND results for this compound are reported for all the samples associated with this BS.

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-BS	F022750.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	118	94	62-124
71-43-2	Benzene	25	26.5	106	76-118
108-86-1	Bromobenzene	25	24.0	96	72-110
74-97-5	Bromochloromethane	25	27.0	108	69-110
75-27-4	Bromodichloromethane	25	27.0	108* [a]	68-107
75-25-2	Bromoform	25	23.3	93	64-103
104-51-8	n-Butylbenzene	25	23.5	94	74-114
135-98-8	sec-Butylbenzene	25	24.2	97	76-118
98-06-6	tert-Butylbenzene	25	24.0	96	72-116
108-90-7	Chlorobenzene	25	23.6	94	74-111
75-00-3	Chloroethane	25	22.8	91	75-135
67-66-3	Chloroform	25	27.7	111	75-117
95-49-8	o-Chlorotoluene	25	24.4	98	74-113
106-43-4	p-Chlorotoluene	25	23.8	95	72-114
75-15-0	Carbon disulfide	25	29.2	117	57-126
56-23-5	Carbon tetrachloride	25	28.7	115	75-125
75-34-3	1,1-Dichloroethane	25	25.9	104	76-121
75-35-4	1,1-Dichloroethylene	25	24.4	98	71-128
563-58-6	1,1-Dichloropropene	25	30.6	122	76-122
96-12-8	1,2-Dibromo-3-chloropropane	25	24.0	96	55-121
106-93-4	1,2-Dibromoethane	25	24.8	99	69-106
107-06-2	1,2-Dichloroethane	25	25.9	104	70-111
78-87-5	1,2-Dichloropropane	25	24.5	98	71-113
142-28-9	1,3-Dichloropropane	25	24.7	99	69-106
594-20-7	2,2-Dichloropropane	25	33.1	132* [a]	68-130
124-48-1	Dibromochloromethane	25	24.5	98	69-104
75-71-8	Dichlorodifluoromethane	25	15.8	63	28-120
156-59-2	cis-1,2-Dichloroethylene	25	28.4	112	68-113
10061-01-5	cis-1,3-Dichloropropene	25	28.0	112* [a]	71-111
541-73-1	m-Dichlorobenzene	25	23.2	93	74-110
95-50-1	o-Dichlorobenzene	25	23.0	92	72-108
106-46-7	p-Dichlorobenzene	25	23.0	92	74-110
156-60-5	trans-1,2-Dichloroethylene	25	26.9	108	70-125
10061-02-6	trans-1,3-Dichloropropene	25	27.1	108	75-111
100-41-4	Ethylbenzene	25	24.2	97	75-112
591-78-6	2-Hexanone	125	109	87	60-113

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-BS	F022750.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
87-68-3	Hexachlorobutadiene	25	25.2	101	72-123
98-82-8	Isopropylbenzene	25	28.7	115	75-123
99-87-6	p-Isopropyltoluene	25	23.6	94	76-116
108-10-1	4-Methyl-2-pentanone	125	116	93	63-115
74-83-9	Methyl bromide	25	20.7	83	59-132
74-87-3	Methyl chloride	25	17.3	69	56-150
74-95-3	Methylene bromide	25	27.0	108	68-114
75-09-2	Methylene chloride	25	26.3	105	70-113
78-93-3	Methyl ethyl ketone	125	128	102	62-117
1634-04-4	Methyl Tert Butyl Ether	25	25.1	100	65-113
91-20-3	Naphthalene	25	22.6	90	53-127
103-65-1	n-Propylbenzene	25	24.4	98	74-115
100-42-5	Styrene	25	24.0	96	66-100
630-20-6	1,1,1,2-Tetrachloroethane	25	25.4	102	72-108
71-55-6	1,1,1-Trichloroethane	25	29.9	120	76-125
79-34-5	1,1,2,2-Tetrachloroethane	25	23.7	95	67-110
79-00-5	1,1,2-Trichloroethane	25	23.0	92	69-107
87-61-6	1,2,3-Trichlorobenzene	25	23.0	92	51-128
96-18-4	1,2,3-Trichloropropane	25	22.3	89	55-116
120-82-1	1,2,4-Trichlorobenzene	25	22.8	91	63-114
95-63-6	1,2,4-Trimethylbenzene	25	24.0	96	73-111
108-67-8	1,3,5-Trimethylbenzene	25	24.2	97	74-115
127-18-4	Tetrachloroethylene	25	25.9	104	77-120
108-88-3	Toluene	25	24.6	98	77-114
79-01-6	Trichloroethylene	25	28.7	115	74-117
75-69-4	Trichlorofluoromethane	25	23.9	96	64-132
75-01-4	Vinyl chloride	25	21.6	86	64-121
1330-20-7	Xylene (total)	75	74.1	99	75-111
	m,p-Xylene	50	49.5	99	75-112
95-47-6	o-Xylene	25	24.7	99	74-110

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	79-122%
17060-07-0	1,2-Dichloroethane-D4	105%	75-121%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VF3700-BS	F022750.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	98%	87-119%
460-00-4	4-Bromofluorobenzene	99%	80-133%

(a) Outside control limits biased high. Only ND results for this compound are reported for all the samples associated with this BS.

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-BS	Y0037235.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	241	191	79	62-133
71-43-2	Benzene	48.3	40.8	85	70-114
108-86-1	Bromobenzene	48.3	39.5	82	73-112
74-97-5	Bromochloromethane	48.3	47.2	98	70-110
75-27-4	Bromodichloromethane	48.3	41.8	87	71-104
75-25-2	Bromoform	48.3	43.5	90	72-116
104-51-8	n-Butylbenzene	48.3	37.0	77	59-112
135-98-8	sec-Butylbenzene	48.3	40.1	83	65-112
98-06-6	tert-Butylbenzene	48.3	40.5	84	66-112
108-90-7	Chlorobenzene	48.3	40.0	83	72-113
75-00-3	Chloroethane	48.3	39.8	82	51-133
67-66-3	Chloroform	48.3	43.0	89	74-115
95-49-8	o-Chlorotoluene	48.3	39.6	82	70-113
106-43-4	p-Chlorotoluene	48.3	39.6	82	69-114
75-15-0	Carbon disulfide	48.3	40.5	84	44-112
56-23-5	Carbon tetrachloride	48.3	40.4	84	62-115
75-34-3	1,1-Dichloroethane	48.3	39.9	83	72-116
75-35-4	1,1-Dichloroethylene	48.3	38.8	80	59-122
563-58-6	1,1-Dichloropropene	48.3	41.6	86	61-111
96-12-8	1,2-Dibromo-3-chloropropane	48.3	37.9	79	61-121
106-93-4	1,2-Dibromoethane	48.3	42.6	88	74-114
107-06-2	1,2-Dichloroethane	48.3	42.0	87	73-109
78-87-5	1,2-Dichloropropane	48.3	41.9	87	73-111
142-28-9	1,3-Dichloropropane	48.3	40.8	85	72-112
594-20-7	2,2-Dichloropropane	48.3	40.5	84	63-118
124-48-1	Dibromochloromethane	48.3	42.0	87	74-115
75-71-8	Dichlorodifluoromethane	48.3	37.8	78	27-104
156-59-2	cis-1,2-Dichloroethylene	48.3	43.2	90	69-110
10061-01-5	cis-1,3-Dichloropropene	48.3	44.4	92	75-115
541-73-1	m-Dichlorobenzene	48.3	39.9	83	69-114
95-50-1	o-Dichlorobenzene	48.3	39.5	82	74-113
106-46-7	p-Dichlorobenzene	48.3	38.6	80	70-113
156-60-5	trans-1,2-Dichloroethylene	48.3	40.4	84	66-119
10061-02-6	trans-1,3-Dichloropropene	48.3	44.9	93	76-122
100-41-4	Ethylbenzene	48.3	38.6	80	60-119
591-78-6	2-Hexanone	241	194	80	61-131

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-BS	Y0037235.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
87-68-3	Hexachlorobutadiene	48.3	41.9	87	53-123
98-82-8	Isopropylbenzene	48.3	47.3	98	70-114
99-87-6	p-Isopropyltoluene	48.3	40.3	84	65-113
108-10-1	4-Methyl-2-pentanone	241	206	85	64-128
74-83-9	Methyl bromide	48.3	40.4	84	64-117
74-87-3	Methyl chloride	48.3	38.6	80	46-139
74-95-3	Methylene bromide	48.3	43.2	90	76-115
75-09-2	Methylene chloride	48.3	41.0	85	66-113
78-93-3	Methyl ethyl ketone	241	190	79	65-129
1634-04-4	Methyl Tert Butyl Ether	48.3	44.4	92	58-128
91-20-3	Naphthalene	48.3	41.2	85	63-127
103-65-1	n-Propylbenzene	48.3	39.3	81	58-115
100-42-5	Styrene	48.3	41.5	86	65-99
630-20-6	1,1,1,2-Tetrachloroethane	48.3	41.5	86	73-112
71-55-6	1,1,1-Trichloroethane	48.3	39.8	82	65-118
79-34-5	1,1,2,2-Tetrachloroethane	48.3	41.9	87	65-121
79-00-5	1,1,2-Trichloroethane	48.3	41.2	85	73-110
87-61-6	1,2,3-Trichlorobenzene	48.3	39.8	82	45-142
96-18-4	1,2,3-Trichloropropane	48.3	39.0	81	68-103
120-82-1	1,2,4-Trichlorobenzene	48.3	40.0	83	54-125
95-63-6	1,2,4-Trimethylbenzene	48.3	38.9	81	62-113
108-67-8	1,3,5-Trimethylbenzene	48.3	39.9	83	62-116
127-18-4	Tetrachloroethylene	48.3	42.1	87	62-119
108-88-3	Toluene	48.3	39.0	81	68-115
79-01-6	Trichloroethylene	48.3	41.4	86	67-113
75-69-4	Trichlorofluoromethane	48.3	36.3	75	57-113
75-01-4	Vinyl chloride	48.3	42.3	88	50-106
1330-20-7	Xylene (total)	145	121	84	61-115
	m,p-Xylene	96.5	79.0	82	60-115
95-47-6	o-Xylene	48.3	42.2	87	63-114

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-121%
2037-26-5	Toluene-D8	102%	76-132%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2392-BS	Y0037235.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	73-165%
17060-07-0	1,2-Dichloroethane-D4	90%	57-122%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2393-BS	Y0037254.D	1	12/28/09	JL	n/a	n/a	VY2393

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-121%
2037-26-5	Toluene-D8	106%	76-132%
460-00-4	4-Bromofluorobenzene	110%	73-165%
17060-07-0	1,2-Dichloroethane-D4	90%	57-122%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-BS	Y0037286.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	192	77	62-133
71-43-2	Benzene	50	40.5	81	70-114
108-86-1	Bromobenzene	50	39.1	78	73-112
74-97-5	Bromochloromethane	50	47.0	94	70-110
75-27-4	Bromodichloromethane	50	41.4	83	71-104
75-25-2	Bromoform	50	42.8	86	72-116
104-51-8	n-Butylbenzene	50	36.1	72	59-112
135-98-8	sec-Butylbenzene	50	38.3	77	65-112
98-06-6	tert-Butylbenzene	50	38.7	77	66-112
108-90-7	Chlorobenzene	50	39.7	79	72-113
75-00-3	Chloroethane	50	35.6	71	51-133
67-66-3	Chloroform	50	42.3	85	74-115
95-49-8	o-Chlorotoluene	50	37.4	75	70-113
106-43-4	p-Chlorotoluene	50	38.3	77	69-114
75-15-0	Carbon disulfide	50	39.4	79	44-112
56-23-5	Carbon tetrachloride	50	39.5	79	62-115
75-34-3	1,1-Dichloroethane	50	39.7	79	72-116
75-35-4	1,1-Dichloroethylene	50	38.4	77	59-122
563-58-6	1,1-Dichloropropene	50	41.8	84	61-111
96-12-8	1,2-Dibromo-3-chloropropane	50	38.9	78	61-121
106-93-4	1,2-Dibromoethane	50	42.6	85	74-114
107-06-2	1,2-Dichloroethane	50	42.8	86	73-109
78-87-5	1,2-Dichloropropane	50	41.9	84	73-111
142-28-9	1,3-Dichloropropane	50	40.1	80	72-112
594-20-7	2,2-Dichloropropane	50	40.1	80	63-118
124-48-1	Dibromochloromethane	50	41.9	84	74-115
75-71-8	Dichlorodifluoromethane	50	38.9	78	27-104
156-59-2	cis-1,2-Dichloroethylene	50	43.6	87	69-110
10061-01-5	cis-1,3-Dichloropropene	50	45.3	91	75-115
541-73-1	m-Dichlorobenzene	50	39.7	79	69-114
95-50-1	o-Dichlorobenzene	50	39.2	78	74-113
106-46-7	p-Dichlorobenzene	50	38.9	78	70-113
156-60-5	trans-1,2-Dichloroethylene	50	40.3	81	66-119
10061-02-6	trans-1,3-Dichloropropene	50	44.2	88	76-122
100-41-4	Ethylbenzene	50	38.1	76	60-119
591-78-6	2-Hexanone	250	189	76	61-131

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-BS	Y0037286.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
87-68-3	Hexachlorobutadiene	50	45.3	91	53-123
98-82-8	Isopropylbenzene	50	44.5	89	70-114
99-87-6	p-Isopropyltoluene	50	39.3	79	65-113
108-10-1	4-Methyl-2-pentanone	250	210	84	64-128
74-83-9	Methyl bromide	50	38.2	76	64-117
74-87-3	Methyl chloride	50	35.6	71	46-139
74-95-3	Methylene bromide	50	44.0	88	76-115
75-09-2	Methylene chloride	50	40.0	80	66-113
78-93-3	Methyl ethyl ketone	250	194	78	65-129
1634-04-4	Methyl Tert Butyl Ether	50	44.6	89	58-128
91-20-3	Naphthalene	50	45.1	90	63-127
103-65-1	n-Propylbenzene	50	37.5	75	58-115
100-42-5	Styrene	50	40.7	81	65-99
630-20-6	1,1,1,2-Tetrachloroethane	50	40.8	82	73-112
71-55-6	1,1,1-Trichloroethane	50	39.3	79	65-118
79-34-5	1,1,2,2-Tetrachloroethane	50	40.3	81	65-121
79-00-5	1,1,2-Trichloroethane	50	40.2	80	73-110
87-61-6	1,2,3-Trichlorobenzene	50	45.2	90	45-142
96-18-4	1,2,3-Trichloropropane	50	36.0	72	68-103
120-82-1	1,2,4-Trichlorobenzene	50	45.3	91	54-125
95-63-6	1,2,4-Trimethylbenzene	50	38.1	76	62-113
108-67-8	1,3,5-Trimethylbenzene	50	38.1	76	62-116
127-18-4	Tetrachloroethylene	50	39.8	80	62-119
108-88-3	Toluene	50	38.3	77	68-115
79-01-6	Trichloroethylene	50	42.5	85	67-113
75-69-4	Trichlorofluoromethane	50	34.5	69	57-113
75-01-4	Vinyl chloride	50	38.6	77	50-106
1330-20-7	Xylene (total)	150	119	79	61-115
	m,p-Xylene	100	77.4	77	60-115
95-47-6	o-Xylene	50	41.8	84	63-114

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-121%
2037-26-5	Toluene-D8	103%	76-132%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2394-BS	Y0037286.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	73-165%
17060-07-0	1,2-Dichloroethane-D4	91%	57-122%

Matrix Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44349-2MS [a]	Y0037299.D	1	12/29/09	JL	n/a	n/a	VY2394
T44349-2 [b]	Y0037298.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	T44349-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	12.8	J	270	278	98	62-133
71-43-2	Benzene	ND		53.9	53.4	99	70-114
108-86-1	Bromobenzene	ND		53.9	53.3	99	73-112
74-97-5	Bromochloromethane	ND		53.9	60.5	112*	70-110
75-27-4	Bromodichloromethane	ND		53.9	52.2	97	71-104
75-25-2	Bromoform	ND		53.9	50.2	93	72-116
104-51-8	n-Butylbenzene	ND		53.9	47.8	89	59-112
135-98-8	sec-Butylbenzene	ND		53.9	51.6	96	65-112
98-06-6	tert-Butylbenzene	ND		53.9	52.1	97	66-112
108-90-7	Chlorobenzene	ND		53.9	52.2	97	72-113
75-00-3	Chloroethane	ND		53.9	38.9	72	51-133
67-66-3	Chloroform	ND		53.9	55.8	103	74-115
95-49-8	o-Chlorotoluene	ND		53.9	52.2	97	70-113
106-43-4	p-Chlorotoluene	ND		53.9	53.0	98	69-114
75-15-0	Carbon disulfide	3.1	J	53.9	56.4	99	44-112
56-23-5	Carbon tetrachloride	ND		53.9	52.7	98	62-115
75-34-3	1,1-Dichloroethane	ND		53.9	51.4	95	72-116
75-35-4	1,1-Dichloroethylene	ND		53.9	52.4	97	59-122
563-58-6	1,1-Dichloropropene	ND		53.9	55.6	103	61-111
96-12-8	1,2-Dibromo-3-chloropropane	ND		53.9	43.6	81	61-121
106-93-4	1,2-Dibromoethane	ND		53.9	51.6	96	74-114
107-06-2	1,2-Dichloroethane	ND		53.9	51.9	96	73-109
78-87-5	1,2-Dichloropropane	ND		53.9	52.4	97	73-111
142-28-9	1,3-Dichloropropane	ND		53.9	48.9	91	72-112
594-20-7	2,2-Dichloropropane	ND		53.9	55.4	103	63-118
124-48-1	Dibromochloromethane	ND		53.9	51.0	95	74-115
75-71-8	Dichlorodifluoromethane	ND		53.9	38.9	72	27-104
156-59-2	cis-1,2-Dichloroethylene	ND		53.9	56.5	105	69-110
10061-01-5	cis-1,3-Dichloropropene	ND		53.9	56.1	104	75-115
541-73-1	m-Dichlorobenzene	ND		53.9	52.0	96	69-114
95-50-1	o-Dichlorobenzene	ND		53.9	49.3	91	74-113
106-46-7	p-Dichlorobenzene	ND		53.9	50.5	94	70-113
156-60-5	trans-1,2-Dichloroethylene	ND		53.9	54.6	101	66-119
10061-02-6	trans-1,3-Dichloropropene	ND		53.9	55.1	102	76-122
100-41-4	Ethylbenzene	ND		53.9	51.1	95	60-119
591-78-6	2-Hexanone	ND		270	249	92	61-131

Matrix Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44349-2MS [a]	Y0037299.D	1	12/29/09	JL	n/a	n/a	VY2394
T44349-2 [b]	Y0037298.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Compound	T44349-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
87-68-3	Hexachlorobutadiene	ND		53.9	47.9	89	53-123
98-82-8	Isopropylbenzene	ND		53.9	63.2	117*	70-114
99-87-6	p-Isopropyltoluene	ND		53.9	52.7	98	65-113
108-10-1	4-Methyl-2-pentanone	ND		270	279	103	64-128
74-83-9	Methyl bromide	ND		53.9	37.4	69	64-117
74-87-3	Methyl chloride	ND		53.9	37.7	70	46-139
74-95-3	Methylene bromide	ND		53.9	52.4	97	76-115
75-09-2	Methylene chloride	10.0	J	53.9	52.4	79	66-113
78-93-3	Methyl ethyl ketone	ND		270	256	95	65-129
1634-04-4	Methyl Tert Butyl Ether	ND		53.9	55.0	102	58-128
91-20-3	Naphthalene	ND		53.9	45.5	84	63-127
103-65-1	n-Propylbenzene	ND		53.9	52.8	98	58-115
100-42-5	Styrene	ND		53.9	52.1	97	65-99
630-20-6	1,1,1,2-Tetrachloroethane	ND		53.9	52.0	96	73-112
71-55-6	1,1,1-Trichloroethane	ND		53.9	52.1	97	65-118
79-34-5	1,1,2,2-Tetrachloroethane	ND		53.9	49.1	91	65-121
79-00-5	1,1,2-Trichloroethane	ND		53.9	49.3	91	73-110
87-61-6	1,2,3-Trichlorobenzene	ND		53.9	45.0	83	45-142
96-18-4	1,2,3-Trichloropropane	ND		53.9	46.8	87	68-103
120-82-1	1,2,4-Trichlorobenzene	ND		53.9	49.4	92	54-125
95-63-6	1,2,4-Trimethylbenzene	ND		53.9	53.0	98	62-113
108-67-8	1,3,5-Trimethylbenzene	ND		53.9	54.3	101	62-116
127-18-4	Tetrachloroethylene	ND		53.9	71.0	132*	62-119
108-88-3	Toluene	ND		53.9	56.5	105	68-115
79-01-6	Trichloroethylene	ND		53.9	57.4	106	67-113
75-69-4	Trichlorofluoromethane	ND		53.9	36.5	68	57-113
75-01-4	Vinyl chloride	ND		53.9	40.7	75	50-106
1330-20-7	Xylene (total)	ND		162	167	103	61-115
	m,p-Xylene	ND		108	112	104	60-115
95-47-6	o-Xylene	ND		53.9	55.8	103	63-114

CAS No.	Surrogate Recoveries	MS	T44349-2	Limits
1868-53-7	Dibromofluoromethane	98%	97%	70-121%
2037-26-5	Toluene-D8	101%	102%	76-132%

Matrix Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44349-2MS [a]	Y0037299.D	1	12/29/09	JL	n/a	n/a	VY2394
T44349-2 [b]	Y0037298.D	1	12/29/09	JL	n/a	n/a	VY2394

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-17

CAS No.	Surrogate Recoveries	MS	T44349-2	Limits
460-00-4	4-Bromofluorobenzene	104%	109%	73-165%
17060-07-0	1,2-Dichloroethane-D4	85%	89%	57-122%

(a) No MSD data available due to autosampler failure.
(b) Reported for QC purposes only. Sample was reanalyzed due to failing internal standards.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44371-13MS	F022730.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13MSD	F022731.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13	F022729.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	T44371-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	94.5	76	92.7	74	2	62-124/21
71-43-2	Benzene	ND		25	26.9	108	27.4	110	2	76-118/16
108-86-1	Bromobenzene	ND		25	26.3	105	26.7	107	2	72-110/12
74-97-5	Bromochloromethane	ND		25	26.8	107	26.4	106	2	69-110/12
75-27-4	Bromodichloromethane	ND		25	28.2	113*	27.5	110*	3	68-107/12
75-25-2	Bromoform	ND		25	23.1	92	23.3	93	1	64-103/14
104-51-8	n-Butylbenzene	ND		25	24.8	99	25.7	103	4	74-114/12
135-98-8	sec-Butylbenzene	ND		25	26.0	104	26.0	104	0	76-118/12
98-06-6	tert-Butylbenzene	ND		25	27.4	110	26.9	108	2	72-116/14
108-90-7	Chlorobenzene	ND		25	25.6	102	25.8	103	1	74-111/11
75-00-3	Chloroethane	ND		25	26.3	105	26.6	106	1	75-135/15
67-66-3	Chloroform	ND		25	29.9	120*	28.9	116	3	75-117/12
95-49-8	o-Chlorotoluene	ND		25	27.1	108	27.5	110	1	74-113/12
106-43-4	p-Chlorotoluene	ND		25	26.5	106	26.9	108	1	72-114/12
75-15-0	Carbon disulfide	ND		25	29.2	117	29.6	118	1	57-126/13
56-23-5	Carbon tetrachloride	ND		25	32.9	132*	30.9	124	6	75-125/12
75-34-3	1,1-Dichloroethane	ND		25	28.2	113	27.9	112	1	76-121/13
75-35-4	1,1-Dichloroethylene	ND		25	27.6	110	26.3	105	5	71-128/19
563-58-6	1,1-Dichloropropene	ND		25	31.6	126*	30.6	122	3	76-122/12
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	24.7	99	25.1	100	2	55-121/33
106-93-4	1,2-Dibromoethane	ND		25	24.7	99	24.9	100	1	69-106/13
107-06-2	1,2-Dichloroethane	ND		25	28.9	116*	28.0	112*	3	70-111/14
78-87-5	1,2-Dichloropropane	ND		25	25.2	101	25.6	102	2	71-113/12
142-28-9	1,3-Dichloropropane	ND		25	25.2	101	25.7	103	2	69-106/12
594-20-7	2,2-Dichloropropane	ND		25	25.9	104	24.8	99	4	68-130/14
124-48-1	Dibromochloromethane	ND		25	26.1	104	26.2	105*	0	69-104/12
75-71-8	Dichlorodifluoromethane	ND		25	20.4	82	27.4	110	29*	28-120/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	28.9	116*	28.7	115*	1	68-113/13
10061-01-5	cis-1,3-Dichloropropene	ND		25	25.8	103	26.1	104	1	71-111/12
541-73-1	m-Dichlorobenzene	ND		25	25.1	100	25.3	101	1	74-110/12
95-50-1	o-Dichlorobenzene	ND		25	24.9	100	25.5	102	2	72-108/12
106-46-7	p-Dichlorobenzene	ND		25	24.7	99	25.1	100	2	74-110/12
156-60-5	trans-1,2-Dichloroethylene	ND		25	28.5	114	28.8	115	1	70-125/14
10061-02-6	trans-1,3-Dichloropropene	ND		25	27.2	109	27.0	108	1	75-111/12
100-41-4	Ethylbenzene	ND		25	26.7	107	26.6	106	0	75-112/12
591-78-6	2-Hexanone	ND		125	98.8	79	101	81	2	60-113/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44371-13MS	F022730.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13MSD	F022731.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13	F022729.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Compound	T44371-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		25	28.0	112	27.6	110	1	72-123/17
98-82-8	Isopropylbenzene	ND		25	31.2	125*	32.2	129*	3	75-123/12
99-87-6	p-Isopropyltoluene	ND		25	25.7	103	25.7	103	0	76-116/12
108-10-1	4-Methyl-2-pentanone	ND		125	104	83	106	85	2	63-115/21
74-83-9	Methyl bromide	ND		25	25.1	100	24.4	98	3	59-132/15
74-87-3	Methyl chloride	ND		25	19.1	76	32.6	130	52*	56-150/17
74-95-3	Methylene bromide	ND		25	27.1	108	26.3	105	3	68-114/13
75-09-2	Methylene chloride	ND		25	27.4	110	27.5	110	0	70-113/13
78-93-3	Methyl ethyl ketone	ND		125	96.2	77	96.1	77	0	62-117/21
1634-04-4	Methyl Tert Butyl Ether	ND		25	23.7	95	23.9	96	1	65-113/13
91-20-3	Naphthalene	ND		25	24.3	97	25.5	102	5	53-127/34
103-65-1	n-Propylbenzene	ND		25	26.2	105	27.3	109	4	74-115/12
100-42-5	Styrene	ND		25	25.0	100	24.6	98	2	66-100/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	28.1	112*	27.9	112*	1	72-108/11
71-55-6	1,1,1-Trichloroethane	ND		25	32.3	129*	30.7	123	5	76-125/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	22.7	91	23.7	95	4	67-110/20
79-00-5	1,1,2-Trichloroethane	ND		25	23.5	94	23.7	95	1	69-107/14
87-61-6	1,2,3-Trichlorobenzene	ND		25	25.5	102	26.8	107	5	51-128/31
96-18-4	1,2,3-Trichloropropane	ND		25	21.9	88	22.0	88	0	55-116/27
120-82-1	1,2,4-Trichlorobenzene	ND		25	27.2	109	27.9	112	3	63-114/21
95-63-6	1,2,4-Trimethylbenzene	ND		25	26.1	104	26.8	107	3	73-111/13
108-67-8	1,3,5-Trimethylbenzene	ND		25	26.6	106	26.9	108	1	74-115/12
127-18-4	Tetrachloroethylene	ND		25	26.4	106	26.9	108	2	77-120/13
108-88-3	Toluene	ND		25	26.5	106	27.2	109	3	77-114/12
79-01-6	Trichloroethylene	ND		25	30.0	120*	29.3	117	2	74-117/12
75-69-4	Trichlorofluoromethane	ND		25	29.4	118	27.5	110	7	64-132/18
75-01-4	Vinyl chloride	ND		25	23.4	94	27.1	108	15	64-121/19
1330-20-7	Xylene (total)	ND		75	81.2	108	81.6	109	0	75-111/12
	m,p-Xylene	ND		50	53.9	108	54.3	109	1	75-112/12
95-47-6	o-Xylene	ND		25	27.3	109	27.3	109	0	74-110/11

CAS No.	Surrogate Recoveries	MS	MSD	T44371-13	Limits
1868-53-7	Dibromofluoromethane	108%	103%	108%	79-122%
17060-07-0	1,2-Dichloroethane-D4	107%	104%	106%	75-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44371-13MS	F022730.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13MSD	F022731.D	1	12/25/09	AP	n/a	n/a	VF3697
T44371-13	F022729.D	1	12/25/09	AP	n/a	n/a	VF3697

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-18, T44430-19

CAS No.	Surrogate Recoveries	MS	MSD	T44371-13	Limits
2037-26-5	Toluene-D8	102%	103%	105%	87-119%
460-00-4	4-Bromofluorobenzene	102%	103%	108%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-6MS	Y0037233.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6MSD	Y0037234.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6	Y0037232.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	T44430-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	41.8	J	313	209	53*	180	46*	15	62-133/34
71-43-2	Benzene	ND		62.6	53.7	86	48.6	80	10	70-114/38
108-86-1	Bromobenzene	ND		62.6	47.5	76	42.9	71*	10	73-112/36
74-97-5	Bromochloromethane	ND		62.6	56.5	90	50.1	83	12	70-110/34
75-27-4	Bromodichloromethane	ND		62.6	50.5	81	45.0	74	12	71-104/35
75-25-2	Bromoform	ND		62.6	51.7	83	45.0	74	14	72-116/34
104-51-8	n-Butylbenzene	ND		62.6	47.1	75	41.7	69	12	59-112/40
135-98-8	sec-Butylbenzene	ND		62.6	47.5	76	43.5	72	9	65-112/38
98-06-6	tert-Butylbenzene	ND		62.6	47.3	76	43.1	71	9	66-112/38
108-90-7	Chlorobenzene	ND		62.6	49.4	79	43.7	72	12	72-113/37
75-00-3	Chloroethane	ND		62.6	46.9	75	42.3	70	10	51-133/36
67-66-3	Chloroform	ND		62.6	52.0	83	46.3	76	12	74-115/35
95-49-8	o-Chlorotoluene	ND		62.6	47.8	76	43.2	71	10	70-113/38
106-43-4	p-Chlorotoluene	ND		62.6	49.2	79	44.0	72	11	69-114/37
75-15-0	Carbon disulfide	ND		62.6	45.1	72	42.0	69	7	44-112/39
56-23-5	Carbon tetrachloride	ND		62.6	44.8	72	40.4	67	10	62-115/38
75-34-3	1,1-Dichloroethane	ND		62.6	48.2	77	42.5	70*	13	72-116/37
75-35-4	1,1-Dichloroethylene	ND		62.6	40.9	65	38.5	63	6	59-122/38
563-58-6	1,1-Dichloropropene	ND		62.6	48.4	77	43.0	71	12	61-111/38
96-12-8	1,2-Dibromo-3-chloropropane	ND		62.6	46.4	74	40.1	66	15	61-121/40
106-93-4	1,2-Dibromoethane	ND		62.6	50.2	80	45.1	74	11	74-114/33
107-06-2	1,2-Dichloroethane	ND		62.6	51.6	82	45.3	75	13	73-109/33
78-87-5	1,2-Dichloropropane	ND		62.6	51.4	82	46.4	76	10	73-111/35
142-28-9	1,3-Dichloropropane	ND		62.6	50.1	80	43.8	72	13	72-112/33
594-20-7	2,2-Dichloropropane	ND		62.6	48.1	77	43.0	71	11	63-118/37
124-48-1	Dibromochloromethane	ND		62.6	50.0	80	44.8	74	11	74-115/34
75-71-8	Dichlorodifluoromethane	ND		62.6	31.1	50	32.9	54	6	27-104/37
156-59-2	cis-1,2-Dichloroethylene	ND		62.6	51.6	82	46.7	77	10	69-110/36
10061-01-5	cis-1,3-Dichloropropene	ND		62.6	54.5	87	48.1	79	12	75-115/36
541-73-1	m-Dichlorobenzene	ND		62.6	49.4	79	44.6	73	10	69-114/37
95-50-1	o-Dichlorobenzene	ND		62.6	49.6	79	44.2	73*	12	74-113/38
106-46-7	p-Dichlorobenzene	ND		62.6	48.8	78	43.9	72	11	70-113/37
156-60-5	trans-1,2-Dichloroethylene	ND		62.6	46.1	74	42.1	69	9	66-119/38
10061-02-6	trans-1,3-Dichloropropene	ND		62.6	54.9	88	48.0	79	13	76-122/34
100-41-4	Ethylbenzene	ND		62.6	48.4	77	42.7	70	13	60-119/40
591-78-6	2-Hexanone	ND		313	220	70	190	63	15	61-131/37

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-6MS	Y0037233.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6MSD	Y0037234.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6	Y0037232.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Compound	T44430-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		62.6	53.9	86	47.6	78	12	53-123/43
98-82-8	Isopropylbenzene	ND		62.6	54.1	86	49.6	82	9	70-114/38
99-87-6	p-Isopropyltoluene	ND		62.6	48.9	78	44.5	73	9	65-113/40
108-10-1	4-Methyl-2-pentanone	ND		313	240	77	200	66	18	64-128/37
74-83-9	Methyl bromide	ND		62.6	44.1	70	39.5	65	11	64-117/36
74-87-3	Methyl chloride	ND		62.6	35.1	56	33.8	56	4	46-139/33
74-95-3	Methylene bromide	ND		62.6	52.4	84	46.4	76	12	76-115/35
75-09-2	Methylene chloride	ND		62.6	51.1	82	47.0	77	8	66-113/34
78-93-3	Methyl ethyl ketone	ND		313	218	70	189	62*	14	65-129/36
1634-04-4	Methyl Tert Butyl Ether	ND		62.6	50.8	81	46.3	76	9	58-128/33
91-20-3	Naphthalene	ND		62.6	50.8	81	46.1	76	10	63-127/36
103-65-1	n-Propylbenzene	ND		62.6	47.1	75	42.2	70	11	58-115/40
100-42-5	Styrene	ND		62.6	51.7	83	45.4	75	13	65-99/38
630-20-6	1,1,1,2-Tetrachloroethane	ND		62.6	49.7	79	44.6	73	11	73-112/36
71-55-6	1,1,1-Trichloroethane	ND		62.6	45.0	72	40.0	66	12	65-118/38
79-34-5	1,1,2,2-Tetrachloroethane	ND		62.6	50.3	80	44.1	73	13	65-121/37
79-00-5	1,1,2-Trichloroethane	ND		62.6	50.4	80	44.6	73	12	73-110/34
87-61-6	1,2,3-Trichlorobenzene	ND		62.6	51.9	83	46.0	76	12	45-142/37
96-18-4	1,2,3-Trichloropropane	ND		62.6	46.8	75	40.7	67*	14	68-103/38
120-82-1	1,2,4-Trichlorobenzene	ND		62.6	54.3	87	47.0	77	14	54-125/37
95-63-6	1,2,4-Trimethylbenzene	ND		62.6	49.7	79	44.8	74	10	62-113/41
108-67-8	1,3,5-Trimethylbenzene	ND		62.6	48.6	78	44.3	73	9	62-116/39
127-18-4	Tetrachloroethylene	ND		62.6	45.5	73	42.5	70	7	62-119/40
108-88-3	Toluene	ND		62.6	59.7	95	55.9	92	7	68-115/38
79-01-6	Trichloroethylene	ND		62.6	48.8	78	43.8	72	11	67-113/39
75-69-4	Trichlorofluoromethane	ND		62.6	44.8	72	39.5	65	13	57-113/33
75-01-4	Vinyl chloride	ND		62.6	40.3	64	38.4	63	5	50-106/33
1330-20-7	Xylene (total)	ND		188	157	84	141	77	11	61-115/39
	m,p-Xylene	ND		125	104	83	93.6	77	11	60-115/40
95-47-6	o-Xylene	ND		62.6	52.9	84	47.3	78	11	63-114/37

CAS No.	Surrogate Recoveries	MS	MSD	T44430-6	Limits
1868-53-7	Dibromofluoromethane	98%	96%	94%	70-121%
2037-26-5	Toluene-D8	105%	104%	110%	76-132%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-6MS	Y0037233.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6MSD	Y0037234.D	1	12/27/09	JL	n/a	n/a	VY2392
T44430-6	Y0037232.D	1	12/27/09	JL	n/a	n/a	VY2392

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-20

CAS No.	Surrogate Recoveries	MS	MSD	T44430-6	Limits
460-00-4	4-Bromofluorobenzene	103%	101%	111%	73-165%
17060-07-0	1,2-Dichloroethane-D4	89%	84%	85%	57-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-13MS	F022766.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13MSD	F022767.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13	F022762.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	T44430-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	96.3	77	105	84	9	62-124/21
71-43-2	Benzene	ND		25	28.7	115	29.3	117	2	76-118/16
108-86-1	Bromobenzene	ND		25	25.3	101	25.1	100	1	72-110/12
74-97-5	Bromochloromethane	ND		25	27.6	110	27.2	109	1	69-110/12
75-27-4	Bromodichloromethane	ND		25	27.9	112*	27.1	108*	3	68-107/12
75-25-2	Bromoform	ND		25	23.5	94	23.9	96	2	64-103/14
104-51-8	n-Butylbenzene	ND		25	22.0	88	22.3	89	1	74-114/12
135-98-8	sec-Butylbenzene	ND		25	23.3	93	23.5	94	1	76-118/12
98-06-6	tert-Butylbenzene	ND		25	23.6	94	23.4	94	1	72-116/14
108-90-7	Chlorobenzene	ND		25	25.2	101	25.3	101	0	74-111/11
75-00-3	Chloroethane	ND		25	25.0	100	25.5	102	2	75-135/15
67-66-3	Chloroform	ND		25	28.7	115	28.6	114	0	75-117/12
95-49-8	o-Chlorotoluene	ND		25	24.7	99	24.8	99	0	74-113/12
106-43-4	p-Chlorotoluene	ND		25	24.7	99	24.2	97	2	72-114/12
75-15-0	Carbon disulfide	ND		25	31.4	126	32.4	130*	3	57-126/13
56-23-5	Carbon tetrachloride	ND		25	30.3	121	29.9	120	1	75-125/12
75-34-3	1,1-Dichloroethane	ND		25	28.4	114	29.0	116	2	76-121/13
75-35-4	1,1-Dichloroethylene	ND		25	25.9	104	26.1	104	1	71-128/19
563-58-6	1,1-Dichloropropene	ND		25	30.9	124*	31.7	127*	3	76-122/12
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	20.8	83	22.5	90	8	55-121/33
106-93-4	1,2-Dibromoethane	ND		25	24.8	99	25.5	102	3	69-106/13
107-06-2	1,2-Dichloroethane	ND		25	27.8	111	27.6	110	1	70-111/14
78-87-5	1,2-Dichloropropane	ND		25	27.0	108	27.9	112	3	71-113/12
142-28-9	1,3-Dichloropropane	ND		25	25.5	102	26.8	107*	5	69-106/12
594-20-7	2,2-Dichloropropane	ND		25	32.1	128	30.2	121	6	68-130/14
124-48-1	Dibromochloromethane	ND		25	24.9	100	25.3	101	2	69-104/12
75-71-8	Dichlorodifluoromethane	ND		25	19.2	77	19.5	78	2	28-120/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	30.4	122*	31.0	124*	2	68-113/13
10061-01-5	cis-1,3-Dichloropropene	ND		25	29.0	116*	29.2	117*	1	71-111/12
541-73-1	m-Dichlorobenzene	ND		25	23.3	93	23.7	95	2	74-110/12
95-50-1	o-Dichlorobenzene	ND		25	22.6	90	23.4	94	3	72-108/12
106-46-7	p-Dichlorobenzene	ND		25	22.9	92	23.5	94	3	74-110/12
156-60-5	trans-1,2-Dichloroethylene	ND		25	28.8	115	29.1	116	1	70-125/14
10061-02-6	trans-1,3-Dichloropropene	ND		25	27.8	111	28.5	114*	2	75-111/12
100-41-4	Ethylbenzene	ND		25	25.4	102	26.0	104	2	75-112/12
591-78-6	2-Hexanone	ND		125	106	85	112	90	6	60-113/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-13MS	F022766.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13MSD	F022767.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13	F022762.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Compound	T44430-13 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		25	19.3	77	20.9	84	8	72-123/17
98-82-8	Isopropylbenzene	ND		25	29.2	117	29.5	118	1	75-123/12
99-87-6	p-Isopropyltoluene	ND		25	22.9	92	22.8	91	0	76-116/12
108-10-1	4-Methyl-2-pentanone	ND		125	117	94	124	99	6	63-115/21
74-83-9	Methyl bromide	ND		25	24.5	98	23.3	93	5	59-132/15
74-87-3	Methyl chloride	ND		25	19.6	78	20.6	82	5	56-150/17
74-95-3	Methylene bromide	ND		25	27.6	110	27.7	111	0	68-114/13
75-09-2	Methylene chloride	ND		25	28.1	112	27.7	111	1	70-113/13
78-93-3	Methyl ethyl ketone	ND		125	126	101	134	107	6	62-117/21
1634-04-4	Methyl Tert Butyl Ether	ND		25	27.1	108	27.8	111	3	65-113/13
91-20-3	Naphthalene	ND		25	19.9	80	22.0	88	10	53-127/34
103-65-1	n-Propylbenzene	ND		25	24.8	99	25.0	100	1	74-115/12
100-42-5	Styrene	ND		25	25.3	101*	25.3	101*	0	66-100/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	26.0	104	26.2	105	1	72-108/11
71-55-6	1,1,1-Trichloroethane	ND		25	30.1	120	29.2	117	3	76-125/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	23.9	96	24.9	100	4	67-110/20
79-00-5	1,1,2-Trichloroethane	ND		25	24.8	99	25.6	102	3	69-107/14
87-61-6	1,2,3-Trichlorobenzene	ND		25	18.6	74	20.6	82	10	51-128/31
96-18-4	1,2,3-Trichloropropane	ND		25	21.9	88	22.9	92	4	55-116/27
120-82-1	1,2,4-Trichlorobenzene	ND		25	19.7	79	21.0	84	6	63-114/21
95-63-6	1,2,4-Trimethylbenzene	ND		25	24.3	97	24.3	97	0	73-111/13
108-67-8	1,3,5-Trimethylbenzene	ND		25	24.5	98	24.5	98	0	74-115/12
127-18-4	Tetrachloroethylene	3.6		25	29.4	103	29.5	104	0	77-120/13
108-88-3	Toluene	ND		25	26.8	107	27.4	110	2	77-114/12
79-01-6	Trichloroethylene	ND		25	31.3	125*	30.8	123*	2	74-117/12
75-69-4	Trichlorofluoromethane	ND		25	25.6	102	24.7	99	4	64-132/18
75-01-4	Vinyl chloride	ND		25	23.9	96	24.8	99	4	64-121/19
1330-20-7	Xylene (total)	ND		75	77.5	103	78.3	104	1	75-111/12
	m,p-Xylene	ND		50	51.5	103	52.1	104	1	75-112/12
95-47-6	o-Xylene	ND		25	26.0	104	26.2	105	1	74-110/11

CAS No.	Surrogate Recoveries	MS	MSD	T44430-13	Limits
1868-53-7	Dibromofluoromethane	104%	103%	111%	79-122%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	110%	75-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-13MS	F022766.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13MSD	F022767.D	1	12/27/09	AP	n/a	n/a	VF3700
T44430-13	F022762.D	1	12/27/09	AP	n/a	n/a	VF3700

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-10, T44430-13

CAS No.	Surrogate Recoveries	MS	MSD	T44430-13	Limits
2037-26-5	Toluene-D8	101%	103%	100%	87-119%
460-00-4	4-Bromofluorobenzene	98%	99%	103%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44371-2MS	Y0037262.D	1	12/28/09	JL	n/a	n/a	VY2393
T44371-2MSD	Y0037263.D	1	12/28/09	JL	n/a	n/a	VY2393
T44371-2 [a]	Y0037260.D	1	12/28/09	JL	n/a	n/a	VY2393

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44430-9

CAS No.	Compound	T44371-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD

CAS No.	Surrogate Recoveries	MS	MSD	T44371-2	Limits
1868-53-7	Dibromofluoromethane	99%	96%	92%	70-121%
2037-26-5	Toluene-D8	103%	100%	102%	76-132%
460-00-4	4-Bromofluorobenzene	103%	100%	101%	73-165%
17060-07-0	1,2-Dichloroethane-D4	87%	86%	83%	57-122%

(a) Reported for QC purposes only.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MB	P07801.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	10	5.0	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	1.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	15	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.83	ug/l	
	3&4-Methylphenol	ND	5.0	1.6	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	6.7	ug/l	
87-86-5	Pentachlorophenol	ND	25	13	ug/l	
108-95-2	Phenol	ND	5.0	0.75	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.1	ug/l	
83-32-9	Acenaphthene	ND	5.0	1.6	ug/l	
208-96-8	Acenaphthylene	ND	5.0	1.2	ug/l	
62-53-3	Aniline	ND	5.0	4.6	ug/l	
120-12-7	Anthracene	ND	5.0	1.1	ug/l	
92-87-5	Benzidine	ND	25	6.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.0	1.1	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.0	1.1	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.0	0.87	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.0	1.7	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.0	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.4	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.6	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.3	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.4	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	4.3	ug/l	
86-74-8	Carbazole	ND	5.0	1.5	ug/l	
218-01-9	Chrysene	ND	5.0	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.3	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	1.3	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.3	ug/l	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MB	P07801.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.3	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.0	1.4	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.3	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.4	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	1.3	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	3.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.0	1.6	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.3	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	1.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.3	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	1.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.8	ug/l	
206-44-0	Fluoranthene	ND	5.0	0.97	ug/l	
86-73-7	Fluorene	ND	5.0	1.3	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	5.2	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.97	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.0	1.8	ug/l	
78-59-1	Isophorone	ND	5.0	1.2	ug/l	
90-12-0	1-Methylnaphthalene	ND	5.0	1.1	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.0	1.3	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	3.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	2.3	ug/l	
91-20-3	Naphthalene	ND	5.0	1.1	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.7	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	5.0	0.97	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	1.4	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.7	ug/l	
85-01-8	Phenanthrene	ND	5.0	0.97	ug/l	
129-00-0	Pyrene	ND	5.0	1.7	ug/l	
110-86-1	Pyridine	ND	5.0	0.99	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MB	P07801.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	42%	10-66%
4165-62-2	Phenol-d5	34%	10-53%
118-79-6	2,4,6-Tribromophenol	55%	32-128%
4165-60-0	Nitrobenzene-d5	71%	29-115%
321-60-8	2-Fluorobiphenyl	70%	34-113%
1718-51-0	Terphenyl-d14	95%	12-145%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MB	J150086.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	63	ug/kg	
95-57-8	2-Chlorophenol	ND	170	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	30	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	31	ug/kg	
	3&4-Methylphenol	ND	170	93	ug/kg	
88-75-5	2-Nitrophenol	ND	170	38	ug/kg	
100-02-7	4-Nitrophenol	ND	830	410	ug/kg	
87-86-5	Pentachlorophenol	ND	830	68	ug/kg	
108-95-2	Phenol	ND	170	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	52	ug/kg	
83-32-9	Acenaphthene	ND	170	46	ug/kg	
208-96-8	Acenaphthylene	ND	170	39	ug/kg	
62-53-3	Aniline	ND	830	180	ug/kg	
120-12-7	Anthracene	ND	170	32	ug/kg	
92-87-5	Benzidine	ND	1700	300	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	64	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	26	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	31	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	170	45	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	36	ug/kg	
106-47-8	4-Chloroaniline	ND	170	120	ug/kg	
86-74-8	Carbazole	ND	170	31	ug/kg	
218-01-9	Chrysene	ND	170	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	40	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	54	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	47	ug/kg	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MB	J150086.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	170	28	ug/kg	
122-66-7	1,2-Diphenylhydrazine	ND	170	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	62	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	45	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	72	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	88	ug/kg	
132-64-9	Dibenzofuran	ND	170	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	170	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	170	39	ug/kg	
84-66-2	Diethyl phthalate	ND	170	41	ug/kg	
131-11-3	Dimethyl phthalate	ND	170	48	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	170	71	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	47	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	830	280	ug/kg	
67-72-1	Hexachloroethane	ND	170	43	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	60	ug/kg	
78-59-1	Isophorone	ND	170	36	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	52	ug/kg	
88-74-4	2-Nitroaniline	ND	170	62	ug/kg	
99-09-2	3-Nitroaniline	ND	170	67	ug/kg	
100-01-6	4-Nitroaniline	ND	170	89	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	27	ug/kg	
62-75-9	n-Nitrosodimethylamine	ND	170	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	42	ug/kg	
85-01-8	Phenanthrene	ND	170	45	ug/kg	
129-00-0	Pyrene	ND	170	32	ug/kg	
110-86-1	Pyridine	ND	170	29	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MB	J150086.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	50%	26-124%
4165-62-2	Phenol-d5	48%	19-106%
118-79-6	2,4,6-Tribromophenol	48%	18-129%
4165-60-0	Nitrobenzene-d5	45%	18-104%
321-60-8	2-Fluorobiphenyl	55%	21-114%
1718-51-0	Terphenyl-d14	48%	24-149%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-BS	P07802.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	50	23.5	47	10-68
95-57-8	2-Chlorophenol	50	39.3	79	39-93
59-50-7	4-Chloro-3-methyl phenol	50	43.2	86	43-109
120-83-2	2,4-Dichlorophenol	50	43.8	88	42-106
105-67-9	2,4-Dimethylphenol	50	25.0	50	27-87
51-28-5	2,4-Dinitrophenol	50	33.0	66	43-107
534-52-1	4,6-Dinitro-o-cresol	50	37.9	76	47-112
95-48-7	2-Methylphenol	50	34.7	69	25-84
	3&4-Methylphenol	100	72.4	72	25-77
88-75-5	2-Nitrophenol	50	42.1	84	38-96
100-02-7	4-Nitrophenol	50	20.4	41	13-70
87-86-5	Pentachlorophenol	50	38.7	77	46-153
108-95-2	Phenol	50	24.5	49	10-53
95-95-4	2,4,5-Trichlorophenol	50	51.2	102* [a]	40-101
88-06-2	2,4,6-Trichlorophenol	50	42.7	85	41-102
83-32-9	Acenaphthene	50	46.0	92	41-110
208-96-8	Acenaphthylene	50	47.9	96	49-113
62-53-3	Aniline	50	29.5	59	24-132
120-12-7	Anthracene	50	45.8	92	59-105
56-55-3	Benzo(a)anthracene	50	47.5	95	64-112
50-32-8	Benzo(a)pyrene	50	44.4	89	62-116
205-99-2	Benzo(b)fluoranthene	50	47.1	94	62-114
191-24-2	Benzo(g,h,i)perylene	50	63.5	127* [a]	55-124
207-08-9	Benzo(k)fluoranthene	50	51.1	102	62-119
101-55-3	4-Bromophenyl phenyl ether	50	40.9	82	56-99
85-68-7	Butyl benzyl phthalate	50	53.6	107	52-125
100-51-6	Benzyl Alcohol	50	39.5	79	28-83
91-58-7	2-Chloronaphthalene	50	35.6	71	42-97
106-47-8	4-Chloroaniline	50	34.1	68	37-128
86-74-8	Carbazole	50	43.7	87	59-142
218-01-9	Chrysene	50	51.4	103	67-112
111-91-1	bis(2-Chloroethoxy)methane	50	45.4	91	38-96
111-44-4	bis(2-Chloroethyl)ether	50	44.8	90	37-91
108-60-1	bis(2-Chloroisopropyl)ether	50	43.0	86	36-102
7005-72-3	4-Chlorophenyl phenyl ether	50	45.5	91	48-101
95-50-1	1,2-Dichlorobenzene	50	38.3	77	33-86

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-BS	P07802.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
122-66-7	1,2-Diphenylhydrazine	50	41.7	83	39-118
541-73-1	1,3-Dichlorobenzene	50	34.7	69	21-88
106-46-7	1,4-Dichlorobenzene	50	35.8	72	31-86
121-14-2	2,4-Dinitrotoluene	50	52.8	106	55-112
606-20-2	2,6-Dinitrotoluene	50	47.7	95	57-105
91-94-1	3,3'-Dichlorobenzidine	50	33.4	67	50-142
53-70-3	Dibenzo(a,h)anthracene	50	60.9	122	55-123
132-64-9	Dibenzofuran	50	48.6	97	45-99
84-74-2	Di-n-butyl phthalate	50	52.7	105	64-114
117-84-0	Di-n-octyl phthalate	50	47.8	96	55-118
84-66-2	Diethyl phthalate	50	48.0	96	52-113
131-11-3	Dimethyl phthalate	50	44.9	90	38-112
117-81-7	bis(2-Ethylhexyl)phthalate	50	58.7	117	56-131
206-44-0	Fluoranthene	50	49.3	99	62-116
86-73-7	Fluorene	50	46.4	93	47-99
118-74-1	Hexachlorobenzene	50	42.2	84	62-102
87-68-3	Hexachlorobutadiene	50	34.2	68	37-91
77-47-4	Hexachlorocyclopentadiene	50	39.5	79	23-102
67-72-1	Hexachloroethane	50	32.9	66	33-86
193-39-5	Indeno(1,2,3-cd)pyrene	50	61.0	122	52-126
78-59-1	Isophorone	50	41.5	83	42-105
90-12-0	1-Methylnaphthalene	50	42.6	85	35-89
91-57-6	2-Methylnaphthalene	50	40.8	82	36-91
88-74-4	2-Nitroaniline	50	37.7	75	49-109
99-09-2	3-Nitroaniline	50	42.5	85	46-139
100-01-6	4-Nitroaniline	50	37.2	74	73-174
91-20-3	Naphthalene	50	42.4	85	37-89
98-95-3	Nitrobenzene	50	43.2	86	42-97
62-75-9	n-Nitrosodimethylamine	50	31.8	64* [a]	16-63
621-64-7	N-Nitroso-di-n-propylamine	50	47.5	95	42-102
86-30-6	N-Nitrosodiphenylamine	50	35.6	71	64-119
85-01-8	Phenanthrene	50	49.1	98	59-103
129-00-0	Pyrene	50	43.9	88	58-110
110-86-1	Pyridine	50	19.9	40	10-63
120-82-1	1,2,4-Trichlorobenzene	50	36.0	72	37-88

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-BS	P07802.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	66%	10-66%
4165-62-2	Phenol-d5	48%	10-53%
118-79-6	2,4,6-Tribromophenol	88%	32-128%
4165-60-0	Nitrobenzene-d5	98%	29-115%
321-60-8	2-Fluorobiphenyl	102%	34-113%
1718-51-0	Terphenyl-d14	103%	12-145%

(a) Not detected in associated samples.

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-BS	J150087.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	1670	907	54	36-112
95-57-8	2-Chlorophenol	1670	1280	77	56-96
59-50-7	4-Chloro-3-methyl phenol	1670	1260	76	50-114
120-83-2	2,4-Dichlorophenol	1670	1320	79	46-110
105-67-9	2,4-Dimethylphenol	1670	1140	68	40-111
51-28-5	2,4-Dinitrophenol	1670	923	55	47-117
534-52-1	4,6-Dinitro-o-cresol	1670	1200	72	50-111
95-48-7	2-Methylphenol	1670	1300	78	57-99
	3&4-Methylphenol	3330	2410	72	59-100
88-75-5	2-Nitrophenol	1670	1300	78	56-97
100-02-7	4-Nitrophenol	1670	1010	61	60-116
87-86-5	Pentachlorophenol	1670	1230	74	57-153
108-95-2	Phenol	1670	1180	71	56-97
95-95-4	2,4,5-Trichlorophenol	1670	1260	76	62-104
88-06-2	2,4,6-Trichlorophenol	1670	1340	80	62-104
83-32-9	Acenaphthene	1670	1270	76	53-106
208-96-8	Acenaphthylene	1670	1320	79	61-121
62-53-3	Aniline	1670	837	50	26-126
120-12-7	Anthracene	1670	1330	80	66-105
56-55-3	Benzo(a)anthracene	1670	1340	80	62-113
50-32-8	Benzo(a)pyrene	1670	1230	74	61-118
205-99-2	Benzo(b)fluoranthene	1670	1420	85	67-110
191-24-2	Benzo(g,h,i)perylene	1670	1090	65	57-124
207-08-9	Benzo(k)fluoranthene	1670	1470	88	65-116
101-55-3	4-Bromophenyl phenyl ether	1670	1360	82	58-108
85-68-7	Butyl benzyl phthalate	1670	1300	78	56-121
100-51-6	Benzyl Alcohol	1670	1300	78	44-108
91-58-7	2-Chloronaphthalene	1670	1020	61	61-100
106-47-8	4-Chloroaniline	1670	719	43	30-101
86-74-8	Carbazole	1670	1150	69	61-146
218-01-9	Chrysene	1670	1340	80	71-106
111-91-1	bis(2-Chloroethoxy)methane	1670	1230	74	56-96
111-44-4	bis(2-Chloroethyl)ether	1670	1130	68	49-94
108-60-1	bis(2-Chloroisopropyl)ether	1670	1120	67	53-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1330	80	65-101
95-50-1	1,2-Dichlorobenzene	1670	1250	75	55-93

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-BS	J150087.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
122-66-7	1,2-Diphenylhydrazine	1670	1050	63	61-106
541-73-1	1,3-Dichlorobenzene	1670	1260	76	54-91
106-46-7	1,4-Dichlorobenzene	1670	1260	76	54-91
121-14-2	2,4-Dinitrotoluene	1670	1320	79	68-110
606-20-2	2,6-Dinitrotoluene	1670	1360	82	67-107
91-94-1	3,3'-Dichlorobenzidine	1670	1120	67	51-140
53-70-3	Dibenzo(a,h)anthracene	1670	1150	69	59-123
132-64-9	Dibenzofuran	1670	1300	78	56-107
84-74-2	Di-n-butyl phthalate	1670	1340	80	56-120
117-84-0	Di-n-octyl phthalate	1670	1330	80	54-115
84-66-2	Diethyl phthalate	1670	1350	81	61-114
131-11-3	Dimethyl phthalate	1670	1340	80	60-107
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1230	74	58-125
206-44-0	Fluoranthene	1670	1550	93	64-114
86-73-7	Fluorene	1670	1320	79	65-99
118-74-1	Hexachlorobenzene	1670	1420	85	58-111
87-68-3	Hexachlorobutadiene	1670	1300	78	47-109
77-47-4	Hexachlorocyclopentadiene	1670	1000	60	48-120
67-72-1	Hexachloroethane	1670	1170	70	54-97
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1150	69	51-133
78-59-1	Isophorone	1670	1180	71	62-105
90-12-0	1-Methylnaphthalene	1670	1370	82	56-94
91-57-6	2-Methylnaphthalene	1670	1350	81	48-101
88-74-4	2-Nitroaniline	1670	928	56	52-118
99-09-2	3-Nitroaniline	1670	994	60	52-127
100-01-6	4-Nitroaniline	1670	1630	98	76-170
91-20-3	Naphthalene	1670	1260	76	57-94
98-95-3	Nitrobenzene	1670	1080	65	57-98
62-75-9	n-Nitrosodimethylamine	1670	1060	64	44-96
621-64-7	N-Nitroso-di-n-propylamine	1670	1140	68	58-104
86-30-6	N-Nitrosodiphenylamine	1670	1110	67	59-124
85-01-8	Phenanthrene	1670	1360	82	66-102
129-00-0	Pyrene	1670	1210	73	49-117
110-86-1	Pyridine	1670	847	51	18-92
120-82-1	1,2,4-Trichlorobenzene	1670	1260	76	57-95

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-BS	J150087.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	71%	26-124%
4165-62-2	Phenol-d5	70%	19-106%
118-79-6	2,4,6-Tribromophenol	78%	18-129%
4165-60-0	Nitrobenzene-d5	67%	18-104%
321-60-8	2-Fluorobiphenyl	74%	21-114%
1718-51-0	Terphenyl-d14	72%	24-149%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MS	P07804.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
OP13717-MSD	P07805.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
T44441-1	P07803.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	T44441-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	ND		100	60.7	61	63.6	64	5	10-68/27
95-57-8	2-Chlorophenol	ND		100	94.8	95*	91.5	92	4	39-93/28
59-50-7	4-Chloro-3-methyl phenol	ND		100	99.7	100	99.3	99	0	43-109/28
120-83-2	2,4-Dichlorophenol	ND		100	99.6	100	97.1	97	3	42-106/25
105-67-9	2,4-Dimethylphenol	ND		100	86.9	87	85.4	85	2	27-87/26
51-28-5	2,4-Dinitrophenol	ND		100	77.7	78	80.4	80	3	43-107/44
534-52-1	4,6-Dinitro-o-cresol	ND		100	95.3	95	97.5	98	2	47-112/24
95-48-7	2-Methylphenol	ND		100	95.2	95*	90.9	91*	5	25-84/31
	3&4-Methylphenol	ND		200	202	101*	198	99*	2	25-77/25
88-75-5	2-Nitrophenol	ND		100	97.1	97*	94.1	94	3	38-96/26
100-02-7	4-Nitrophenol	ND		100	68.1	68	75.8	76*	11	13-70/25
87-86-5	Pentachlorophenol	ND		100	93.0	93	96.8	97	4	46-153/18
108-95-2	Phenol	ND		100	79.2	79*	83.3	83*	5	10-53/35
95-95-4	2,4,5-Trichlorophenol	ND		100	120	120*	114	114*	5	40-101/22
88-06-2	2,4,6-Trichlorophenol	ND		100	100	100	96.1	96	4	41-102/22
83-32-9	Acenaphthene	ND		100	104	104	100	100	4	41-110/21
208-96-8	Acenaphthylene	ND		100	109	109	104	104	5	49-113/23
62-53-3	Aniline	ND		100	93.2	93	95.2	95	2	24-132/44
120-12-7	Anthracene	ND		100	102	102	101	101	1	59-105/18
56-55-3	Benzo(a)anthracene	ND		100	102	102	106	106	4	64-112/20
50-32-8	Benzo(a)pyrene	ND		100	94.9	95	96.5	97	2	62-116/23
205-99-2	Benzo(b)fluoranthene	ND		100	99.2	99	100	100	1	62-114/22
191-24-2	Benzo(g,h,i)perylene	ND		100	139	139*	136	136*	2	55-124/36
207-08-9	Benzo(k)fluoranthene	ND		100	102	102	105	105	3	62-119/30
101-55-3	4-Bromophenyl phenyl ether	ND		100	97.8	98	96.6	97	1	56-99/20
85-68-7	Butyl benzyl phthalate	ND		100	115	115	111	111	4	52-125/25
100-51-6	Benzyl Alcohol	ND		100	105	105*	101	101*	4	28-83/32
91-58-7	2-Chloronaphthalene	ND		100	81.9	82	78.4	78	4	42-97/27
106-47-8	4-Chloroaniline	ND		100	87.0	87	88.0	88	1	37-128/29
86-74-8	Carbazole	ND		100	97.4	97	97.0	97	0	59-142/19
218-01-9	Chrysene	ND		100	110	110	109	109	1	67-112/19
111-91-1	bis(2-Chloroethoxy)methane	ND		100	102	102*	99.4	99*	3	38-96/30
111-44-4	bis(2-Chloroethyl)ether	ND		100	104	104*	97.7	98*	6	37-91/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		100	100	100	97.6	98	2	36-102/32
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	109	109*	105	105*	4	48-101/21
95-50-1	1,2-Dichlorobenzene	ND		100	93.6	94*	91.8	92*	2	33-86/29

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MS	P07804.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
OP13717-MSD	P07805.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
T44441-1	P07803.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	T44441-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
122-66-7	1,2-Diphenylhydrazine	ND		100	102	102	99.7	100	2	30-122/34
541-73-1	1,3-Dichlorobenzene	ND		100	84.5	85	84.4	84	0	32-88/32
106-46-7	1,4-Dichlorobenzene	ND		100	86.3	86	86.9	87*	1	31-86/36
121-14-2	2,4-Dinitrotoluene	ND		100	115	115*	114	114*	1	55-112/23
606-20-2	2,6-Dinitrotoluene	ND		100	108	108*	106	106*	2	57-105/23
91-94-1	3,3'-Dichlorobenzidine	ND		100	76.5	77	80.4	80	5	50-142/21
53-70-3	Dibenzo(a,h)anthracene	ND		100	134	134*	131	131*	2	55-123/37
132-64-9	Dibenzofuran	ND		100	111	111*	107	107*	4	45-99/20
84-74-2	Di-n-butyl phthalate	ND		100	111	111	109	109	2	64-114/16
117-84-0	Di-n-octyl phthalate	ND		100	98.4	98	96.1	96	2	55-118/25
84-66-2	Diethyl phthalate	ND		100	107	107	107	107	0	52-113/20
131-11-3	Dimethyl phthalate	ND		100	102	102	99.9	100	2	38-112/19
117-81-7	bis(2-Ethylhexyl)phthalate	ND		100	125	125	119	119	5	56-131/19
206-44-0	Fluoranthene	ND		100	107	107	107	107	0	62-116/24
86-73-7	Fluorene	ND		100	108	108*	105	105*	3	47-99/22
118-74-1	Hexachlorobenzene	ND		100	97.9	98	97.0	97	1	62-102/21
87-68-3	Hexachlorobutadiene	ND		100	83.2	83	81.8	82	2	37-91/28
77-47-4	Hexachlorocyclopentadiene	ND		100	128	128*	119	119*	7	23-102/34
67-72-1	Hexachloroethane	ND		100	83.6	84	82.8	83	1	33-86/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	135	135*	132	132*	2	52-126/30
78-59-1	Isophorone	ND		100	95.3	95	93.6	94	2	42-105/28
90-12-0	1-Methylnaphthalene	ND		100	94.6	95*	94.3	94*	0	35-89/25
91-57-6	2-Methylnaphthalene	ND		100	94.0	94*	93.9	94*	0	36-91/29
88-74-4	2-Nitroaniline	ND		100	86.7	87	84.6	85	2	49-109/22
99-09-2	3-Nitroaniline	ND		100	96.7	97	95.4	95	1	46-139/23
100-01-6	4-Nitroaniline	ND		100	87.4	87	84.6	85	3	73-174/24
91-20-3	Naphthalene	ND		100	96.3	96*	93.8	94*	3	37-89/24
98-95-3	Nitrobenzene	ND		100	99.3	99*	95.3	95	4	42-97/26
62-75-9	n-Nitrosodimethylamine	ND		100	91.2	91*	93.5	94*	2	16-63/28
621-64-7	N-Nitroso-di-n-propylamine	ND		100	115	115*	111	111*	4	42-102/27
86-30-6	N-Nitrosodiphenylamine	ND		100	84.9	85	84.2	84	1	64-119/27
85-01-8	Phenanthrene	ND		100	106	106*	105	105*	1	59-103/19
129-00-0	Pyrene	ND		100	96.6	97	95.6	96	1	58-110/25
110-86-1	Pyridine	ND		100	78.1	78*	77.2	77*	1	10-63/48
120-82-1	1,2,4-Trichlorobenzene	ND		100	83.0	83	82.6	83	0	37-88/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13717-MS	P07804.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
OP13717-MSD	P07805.D	1	12/22/09	GJ	12/21/09	OP13717	EP374
T44441-1	P07803.D	1	12/22/09	GJ	12/21/09	OP13717	EP374

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Surrogate Recoveries	MS	MSD	T44441-1	Limits
367-12-4	2-Fluorophenol	95%*	101%*	68%* [a]	10-66%
4165-62-2	Phenol-d5	81%*	91%*	51%	10-53%
118-79-6	2,4,6-Tribromophenol	108%	116%	99%	32-128%
4165-60-0	Nitrobenzene-d5	115%	115%	101%	29-115%
321-60-8	2-Fluorobiphenyl	117%*	119%*	112%	34-113%
1718-51-0	Terphenyl-d14	111%	118%	102%	12-145%

(a) Biased high, there are no detects associated with this surrogate.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MS	J150096.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
OP13722-MSD	J150097.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
T44469-1	J150095.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	T44469-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		1820	ND	0*	ND	0*	nc	36-112/29
95-57-8	2-Chlorophenol	ND		1820	538	30*	558	31*	4	56-96/53
59-50-7	4-Chloro-3-methyl phenol	ND		1820	1170	64	1230	68	5	50-114/48
120-83-2	2,4-Dichlorophenol	ND		1820	719	40*	733	40*	2	46-110/52
105-67-9	2,4-Dimethylphenol	ND		1820	538	30*	569	31*	6	40-111/52
51-28-5	2,4-Dinitrophenol	ND		1820	806	44*	910	50	12	47-117/32
534-52-1	4,6-Dinitro-o-cresol	ND		1820	1260	69	1250	69	1	50-111/31
95-48-7	2-Methylphenol	ND		1820	585	32*	548	30*	7	57-99/51
	3&4-Methylphenol	ND		3630	1100	30*	1110	31*	1	59-100/53
88-75-5	2-Nitrophenol	ND		1820	563	31*	525	29*	7	56-97/53
100-02-7	4-Nitrophenol	ND		1820	1120	62	1290	71	14	60-116/32
87-86-5	Pentachlorophenol	ND		1820	1120	62	1210	67	8	57-153/30
108-95-2	Phenol	ND		1820	513	28*	503	28*	2	56-97/48
95-95-4	2,4,5-Trichlorophenol	ND		1820	1450	80	1450	80	0	62-104/50
88-06-2	2,4,6-Trichlorophenol	ND		1820	1140	63	1200	66	5	62-104/52
83-32-9	Acenaphthene	ND		1820	771	42*	770	42*	0	53-106/49
208-96-8	Acenaphthylene	ND		1820	789	43*	780	43*	1	61-121/49
62-53-3	Aniline	ND		1820	380	21*	413	23*	8	26-126/50
120-12-7	Anthracene	ND		1820	1440	79	1400	77	3	66-105/40
56-55-3	Benzo(a)anthracene	ND		1820	1440	79	1430	79	1	62-113/43
50-32-8	Benzo(a)pyrene	ND		1820	1390	77	1370	75	1	61-118/44
205-99-2	Benzo(b)fluoranthene	ND		1820	1400	77	1640	90	16	67-110/42
191-24-2	Benzo(g,h,i)perylene	ND		1820	1460	80	1540	85	5	57-124/50
207-08-9	Benzo(k)fluoranthene	ND		1820	1850	102	1690	93	9	65-116/37
101-55-3	4-Bromophenyl phenyl ether	ND		1820	1290	71	1270	70	2	58-108/41
85-68-7	Butyl benzyl phthalate	ND		1820	1500	83	1630	90	8	56-121/40
100-51-6	Benzyl Alcohol	ND		1820	531	29*	521	29*	2	44-108/52
91-58-7	2-Chloronaphthalene	ND		1820	523	29*	496	27*	5	61-100/47
106-47-8	4-Chloroaniline	ND		1820	461	25*	447	25*	3	30-101/51
86-74-8	Carbazole	ND		1820	1520	84	1540	85	1	61-146/37
218-01-9	Chrysene	ND		1820	1480	82	1470	81	1	71-106/39
111-91-1	bis(2-Chloroethoxy)methane	ND		1820	522	29*	520	29*	0	56-96/49
111-44-4	bis(2-Chloroethyl)ether	ND		1820	510	28*	497	27*	3	49-94/49
108-60-1	bis(2-Chloroisopropyl)ether	ND		1820	472	26*	462	25*	2	53-103/48
7005-72-3	4-Chlorophenyl phenyl ether	ND		1820	1040	57*	1040	57*	0	65-101/43
95-50-1	1,2-Dichlorobenzene	ND		1820	561	31*	561	31*	0	55-93/48

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MS	J150096.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
OP13722-MSD	J150097.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
T44469-1	J150095.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	T44469-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
541-73-1	1,3-Dichlorobenzene	ND		1820	566	31*	553	30*	2	54-91/47
106-46-7	1,4-Dichlorobenzene	ND		1820	569	31*	560	31*	2	54-91/48
121-14-2	2,4-Dinitrotoluene	ND		1820	1280	70	1310	72	2	68-110/32
606-20-2	2,6-Dinitrotoluene	ND		1820	1110	61*	1120	62*	1	67-107/45
91-94-1	3,3'-Dichlorobenzidine	ND		1820	915	50*	938	52	2	51-140/42
53-70-3	Dibenzo(a,h)anthracene	ND		1820	1430	79	1470	81	3	59-123/37
132-64-9	Dibenzofuran	ND		1820	902	50*	885	49*	2	56-107/43
84-74-2	Di-n-butyl phthalate	ND		1820	1530	84	1510	83	1	56-120/37
117-84-0	Di-n-octyl phthalate	ND		1820	1480	82	1520	84	3	54-115/30
84-66-2	Diethyl phthalate	ND		1820	1260	69	1290	71	2	61-114/38
131-11-3	Dimethyl phthalate	ND		1820	1020	56*	1010	56*	1	60-107/39
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1820	1450	80	1480	81	2	58-125/48
206-44-0	Fluoranthene	ND		1820	1650	91	1640	90	1	64-114/45
86-73-7	Fluorene	ND		1820	1050	58*	1070	59*	2	65-99/42
118-74-1	Hexachlorobenzene	ND		1820	1490	82	1400	77	6	58-111/39
87-68-3	Hexachlorobutadiene	ND		1820	558	31*	535	29*	4	47-109/48
77-47-4	Hexachlorocyclopentadiene	ND		1820	ND	0*	ND	0*	nc	48-120/52
67-72-1	Hexachloroethane	ND		1820	514	28*	502	28*	2	54-97/56
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1820	1450	80	1460	80	1	51-133/55
78-59-1	Isophorone	ND		1820	491	27*	495	27*	1	62-105/51
90-12-0	1-Methylnaphthalene	ND		1820	617	34*	638	35*	3	56-94/49
91-57-6	2-Methylnaphthalene	ND		1820	617	34*	614	34*	0	48-101/48
88-74-4	2-Nitroaniline	ND		1820	824	45*	831	46*	1	52-118/42
99-09-2	3-Nitroaniline	ND		1820	1040	57	1110	61	7	52-127/32
100-01-6	4-Nitroaniline	ND		1820	1370	75*	1470	81	7	76-170/31
91-20-3	Naphthalene	ND		1820	594	33*	602	33*	1	57-94/49
98-95-3	Nitrobenzene	ND		1820	490	27*	473	26*	4	57-98/52
621-64-7	N-Nitroso-di-n-propylamine	ND		1820	485	27*	471	26*	3	58-104/48
86-30-6	N-Nitrosodiphenylamine	ND		1820	1240	68	1180	65	5	59-124/41
85-01-8	Phenanthrene	ND		1820	1430	79	1400	77	2	66-102/47
129-00-0	Pyrene	ND		1820	1610	89	1790	98	11	49-117/46
110-86-1	Pyridine	ND		1820	487	27	480	26	1	18-92/46
120-82-1	1,2,4-Trichlorobenzene	ND		1820	547	30*	548	30*	0	57-95/51

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13722-MS	J150096.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
OP13722-MSD	J150097.D	1	12/22/09	SC	12/22/09	OP13722	EJ689
T44469-1	J150095.D	1	12/22/09	SC	12/22/09	OP13722	EJ689

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Surrogate Recoveries	MS	MSD	T44469-1	Limits
367-12-4	2-Fluorophenol	30%	28%	39%	26-124%
4165-62-2	Phenol-d5	30%	28%	38%	19-106%
118-79-6	2,4,6-Tribromophenol	87%	83%	80%	18-129%
4165-60-0	Nitrobenzene-d5	29%	26%	35%	18-104%
321-60-8	2-Fluorobiphenyl	34%	31%	43%	21-114%
1718-51-0	Terphenyl-d14	91%	97%	84%	24-149%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2561-MB	EE050734.D	1	12/24/09	FI	n/a	n/a	GEE2561

The QC reported here applies to the following samples: **Method:** OA-1

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	101%	42-123%
98-08-8	aaa-Trifluorotoluene	109%	51-130%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2562-MB	EE050758.D	1	12/25/09	FI	n/a	n/a	GEE2562

The QC reported here applies to the following samples: **Method:** OA-1

T44430-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.32	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	99%	46-127%
98-08-8	aaa-Trifluorotoluene	112%	44-120%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2563-MB	EE050780.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44430-6, T44430-8, T44430-11, T44430-12, T44430-14, T44430-15

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.32	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	46-127%
98-08-8	aaa-Trifluorotoluene	106%	44-120%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2564-MB	EE050821.D	1	12/28/09	FI	n/a	n/a	GEE2564

The QC reported here applies to the following samples: **Method:** OA-1

T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	42-123%
98-08-8	aaa-Trifluorotoluene	109%	51-130%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2565-MB	EE050821.D	1	12/28/09	FI	n/a	n/a	GEE2565

The QC reported here applies to the following samples: **Method:** OA-1

T44430-9, T44430-16, T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.32	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	46-127%
98-08-8	aaa-Trifluorotoluene	109%	44-120%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2561-BS	EE050729.D	1	12/24/09	FI	n/a	n/a	GEE2561

The QC reported here applies to the following samples: **Method:** OA-1

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.372	93	76-112

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	42-123%
98-08-8	aaa-Trifluorotoluene	112%	51-130%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2563-BS	EE050776.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44430-6, T44430-8, T44430-11, T44430-12, T44430-14, T44430-15

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.391	98	76-109

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	46-127%
98-08-8	aaa-Trifluorotoluene	113%	44-120%

Blank Spike/Blank Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2562-BS	EE050754.D	1	12/24/09	FI	n/a	n/a	GEE2562
GEE2562-BSD	EE050755.D	1	12/24/09	FI	n/a	n/a	GEE2562

The QC reported here applies to the following samples: **Method:** OA-1

T44430-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.4	0.375	94	0.361	90	4	76-109/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	100%	100%	46-127%
98-08-8	aaa-Trifluorotoluene	115%	115%	44-120%

Blank Spike/Blank Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2564-BS	EE050817.D	1	12/28/09	FI	n/a	n/a	GEE2564
GEE2564-BSD	EE050818.D	1	12/28/09	FI	n/a	n/a	GEE2564

The QC reported here applies to the following samples: **Method:** OA-1

T44430-10, T44430-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.4	0.372	93	0.361	90	3	76-112/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	95%	96%	42-123%
98-08-8	aaa-Trifluorotoluene	101%	101%	51-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2565-BS	EE050817.D	1	12/28/09	FI	n/a	n/a	GEE2565
GEE2565-BSD	EE050818.D	1	12/28/09	FI	n/a	n/a	GEE2565

The QC reported here applies to the following samples: **Method:** OA-1

T44430-9, T44430-16, T44430-17

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.4	0.372	93	0.361	90	3	76-109/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	95%	96%	46-127%
98-08-8	aaa-Trifluorotoluene	101%	101%	44-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44344-23MS	EE050741.D	1	12/24/09	FI	n/a	n/a	GEE2561
T44344-23MSD	EE050742.D	1	12/24/09	FI	n/a	n/a	GEE2561
T44344-23	EE050735.D	1	12/24/09	FI	n/a	n/a	GEE2561

The QC reported here applies to the following samples: **Method:** OA-1

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7

CAS No.	Compound	T44344-23 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		0.4	0.385	96	0.485	121*	23	76-112/28

CAS No.	Surrogate Recoveries	MS	MSD	T44344-23	Limits
460-00-4	4-Bromofluorobenzene	99%	98%	99%	42-123%
98-08-8	aaa-Trifluorotoluene	104%	112%	110%	51-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-15MS	EE050796.D	1	12/26/09	FI	n/a	n/a	GEE2563
T44430-15MSD	EE050797.D	1	12/26/09	FI	n/a	n/a	GEE2563
T44430-15	EE050795.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44430-6, T44430-8, T44430-11, T44430-12, T44430-14, T44430-15

CAS No.	Compound	T44430-15 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	28.7		28.5	57.8	102	58.3	104	1	76-109/30

CAS No.	Surrogate Recoveries	MS	MSD	T44430-15	Limits
460-00-4	4-Bromofluorobenzene	124%	104%	124%	46-127%
98-08-8	aaa-Trifluorotoluene	120%	120%	119%	44-120%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13721-MB	CC217132.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	6.6	0.29	mg/kg	
	TPH (Kerosene)	ND	6.6	0.27	mg/kg	
	TPH (Mineral Spirits)	ND	6.6	0.34	mg/kg	
	TPH (Motor Oil)	ND	6.6	0.61	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	40%	25-123%

Method Blank Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13724-MB	CC217151.D	1	12/24/09	SS	12/22/09	OP13724	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	39%	21-129%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13721-BS	CC217133.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (Diesel)	33.1	27.1	82	29-124

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	48%	25-123%

Blank Spike Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13724-BS	CC217152.D	1	12/24/09	SS	12/22/09	OP13724	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (Diesel)	1	0.363	36	26-78

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	34%	21-129%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13721-MS	CC217134.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
OP13721-MSD	CC217135.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025
T44430-12	CC217146.D	1	12/24/09	SS	12/22/09	OP13721	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

CAS No.	Compound	T44430-12 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		42.2	55.2	131*	37.7	91	38*	29-124/33

CAS No.	Surrogate Recoveries	MS	MSD	T44430-12	Limits
84-15-1	o-Terphenyl	45%	52%	42%	25-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44430
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13724-MS	CC217153.D	1	12/24/09	SS	12/22/09	OP13724	GCC1025
OP13724-MSD	CC217154.D	1	12/24/09	SS	12/22/09	OP13724	GCC1025
T44430-3	CC217206.D	1	12/29/09	SS	12/22/09	OP13724	GCC1027

The QC reported here applies to the following samples: **Method:** OA-2

T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

CAS No.	Compound	T44430-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		2	0.979	49	1.27	64	26	26-78/36

CAS No.	Surrogate Recoveries	MS	MSD	T44430-3	Limits
84-15-1	o-Terphenyl	34%	41%	31%	21-129%

8.3.2

8

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10879
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/23/09

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.049	.094	-0.046	<0.20

Associated samples MP10879: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13, T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10879
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/23/09 12/23/09

Metal	T44260-1 Original	DUP	RPD	QC Limits	T44260-1 Original	MS	Spikelot HGTXAQ40	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-6.6	0.0	2.9	3	96.7	78-118

Associated samples MP10879: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13, T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10879
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/23/09

Metal	T44260-1 Original	MSD	Spikelot HGTXAQ40	% Rec	MSD RPD	QC Limit
Mercury	0.0	2.7	3	90.0	7.1	

Associated samples MP10879: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13, T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10879
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 12/23/09

Metal	BSP Result	Spikelot HGTXAQ40	% Rec	QC Limits
Mercury	2.5	3	83.3	80-120

Associated samples MP10879: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13, T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.82	2.2		
Antimony	0.50	.11	.14		
Arsenic	0.50	.089	.1	0.099	<0.50
Barium	10	.007	.03	0.0060	<10
Beryllium	0.25	.0055	.01		
Boron	5.0	.054	.11		
Cadmium	0.25	.013	.05	0.0065	<0.25
Calcium	250	.27	.86		
Chromium	0.50	.055	.035	-0.063	<0.50
Cobalt	2.5	.025	.09		
Copper	1.3	.029	.065		
Iron	5.0	.65	1.1		
Lead	0.50	.079	.2	-0.047	<0.50
Magnesium	250	.34	.58		
Manganese	0.75	.01	.035		
Molybdenum	0.50	.048	.075		
Nickel	2.0	.048	.065		
Potassium	250	2.7	16		
Selenium	0.50	.16	.12	0.069	<0.50
Silver	0.50	.043	.04	0.020	<0.50
Sodium	250	6.5	13		
Strontium	1.0	.0085	.025		
Thallium	0.50	.16	.25		
Tin	1.0	.09	.12		
Titanium	1.0	.015	.045		
Vanadium	2.5	.03	.06		
Zinc	1.0	.025	.2		

Associated samples MP10881: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:			12/24/09					12/24/09	
Metal	T44432-1 Original	DUP	RPD	QC Limits	T44432-1 Original	MS	Spikelot MPTW4	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	2.7	2.4	11.8	0-20	2.7	30.6	28.6	97.6	80-120
Barium	29.1	28.5	2.1	0-20	29.1	57.0	28.6	97.6	80-120
Beryllium									
Boron									
Cadmium	0.13	0.11	16.7	0-20	0.13	25.1	28.6	87.4	80-120
Calcium									
Chromium	10.3	9.6	7.0	0-20	10.3	36.1	28.6	90.3	80-120
Cobalt									
Copper									
Iron									
Lead	3.7	3.5	5.6	0-20	3.7	28.8	28.6	87.8	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	0.25	0.24	4.1	0-20	0.25	28.9	28.6	100.2	80-120
Silver	0.0	0.0	NC	0-20	0.0	27.9	28.6	97.6	80-120
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP10881: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	T44432-1 Original	MSD	Spikelot MPTW4	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.7	21.0	26.8	68.2N	37.2 (a)	20
Barium	29.1	39.1	26.8	37.3N	37.3 (a)	20
Beryllium						
Boron						
Cadmium	0.13	17.8	26.8	65.8N	34.0 (a)	20
Calcium						
Chromium	10.3	24.4	26.8	52.5N	38.7 (a)	20
Cobalt						
Copper						
Iron						
Lead	3.7	20.5	26.8	62.6N	33.7 (a)	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	0.25	20.4	26.8	75.1N	34.5 (a)	20
Silver	0.0	21.6	26.8	80.5	25.5 (a)	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP10881: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High RPD due to possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	LCS Result	Spikelot MPLCD054	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	154	158	97.5	82-118
Barium	347	348	99.7	81-119
Beryllium				
Boron				
Cadmium	172	187	92.0	82-118
Calcium				
Chromium	87.6	89.5	97.9	79-121
Cobalt				
Copper				
Iron				
Lead	151	172	87.8	79-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	148	148	100.0	78-121
Silver	65.4	66	99.1	66-134
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP10881: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/24/09

Metal	T44432-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	41.1	33.4	18.8 (a)	0-10
Barium	451	477	5.8	0-10
Beryllium				
Boron				
Cadmium	1.94	1.63	16.0 (a)	0-10
Calcium				
Chromium	159	170	6.5	0-10
Cobalt				
Copper				
Iron				
Lead	57.8	65.2	12.7 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	3.94	17.2	335.3(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP10881: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10898
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/29/09

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.017	.0041	.00066	-0.0075	<0.017

Associated samples MP10898: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10898
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/29/09 12/29/09

Metal	T44430-5 Original	DUP	RPD	QC Limits	T44430-5 Original	MS	Spikelot HGTXWS1	% Rec	QC Limits
Mercury	0.041	0.039	5.0	0-20	0.041	0.33	0.301	95.9	75-125

Associated samples MP10898: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10898
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/29/09

Metal	T44430-5 Original	MSD	Spikelot HGTXWS1	% Rec	MSD RPD	QC Limit
Mercury	0.041	0.33	0.272	106.2	0.0	

Associated samples MP10898: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10898
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/29/09

Metal	LCS Result	Spikelot HGLCD054	% Rec	QC Limits
Mercury	7.1	7.34	96.7	72-128

Associated samples MP10898: T44430-5, T44430-6, T44430-8, T44430-9, T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T44430
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Percent	GN19688	T44430-5	%	79.3	79.4	0.1	0-5%
pH	GN19657	T44430-17	su	7.54	7.54	0.0	0-20%

Associated Samples:
Batch GN19657: T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17, T44430-5, T44430-6, T44430-8, T44430-9
Batch GN19688: T44430-11, T44430-12, T44430-14, T44430-15, T44430-16, T44430-17, T44430-5, T44430-6, T44430-8, T44430-9
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(Accutest Mountain States)

Includes the following where applicable:

- Chain of Custody

SUBCONTRACT COC

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page 1 of 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job #

Client Information		Subcontract Information	
Company Name: Accutest Gulf Coast		Subcontract Laboratory: Accutest Mountain States	
Project Contact: Georgia Jones	Email: gjones@accutest.com	Laboratory Contact	Email
Address: 10165 Harwin Dr, Suite 150		Address	
City: Houston State: TX Zip: 77036		City State Zip	
Phone No.: 713-271-4700		Phone No.	

Requested Analyses: Total As, Ba, Cd, Cr, Pb, Se, Ag / 6020; Dissolved As, Ba, Cd, Cr, Pb, Se, Ag / 6020

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Wastewater; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Liquid; SOL - Other Solid

Accutest Sample Number	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	DI/MeOH	TSP	NONE	OTHER	Total As, Ba, Cd, Cr, Pb, Se, Ag / 6020	Dissolved As, Ba, Cd, Cr, Pb, Se, Ag / 6020	LAB USE ONLY
T44430-1	12/16/2009	11:58	GW	2			X						X	X	phase 2 all bottles
T44430-2	12/17/2009	8:01	GW	2			X						X	X	
T44430-3	12/16/2009	12:08	GW	2			X						X	X	
T44430-4	12/17/2009	8:11	GW	2			X						X	X	
T44430-7	12/17/2009	8:15	GW	2			X						X	X	
T44430-10	12/17/2009	9:37	GW	2			X						X	X	
T44430-13	12/17/2009	11:05	GW	2			X						X	X	

Turnaround Time (Business days)

- [XXX] STANDARD
- [ ] 7 Day
- [ ] 4 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By:/ Date:

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only

Commercial "B" = Results & Standard QC

Comments / Remarks

Real time analytical data available via Lablink

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1700 12/22/09	1	2		2 12/22/09 1:30
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # ✓	Preserved where applicable ☑	On Ice ☑ Cooler Temp. 5.7

11.1 11

T44430: Chain of Custody
Page 1 of 1
Accutest Mountain States

Metals Analysis

QC Data Summaries

(Accutest Mountain States)

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/12/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.25	.0024	.0079		
Antimony	0.0020	.00001	.000024		
Arsenic	0.0040	.00058	.00089	0.00020	<0.0040
Barium	0.010	.000063	.0015	0.00061	<0.010
Beryllium	0.0010	.000042	.000075		
Boron	0.20	.0061	.01		
Cadmium	0.00050	.00012	.00015	0.000025	<0.00050
Calcium	2.0	.026	.035		
Chromium	0.010	.00063	.00089	0.0012	<0.010
Cobalt	0.0010	.0000085	.00012		
Copper	0.010	.000045	.0007		
Iron	0.20	.021	.031		
Lead	0.0025	.000013	.000017	0.00042	<0.0025
Magnesium	0.50	.00096	.003		
Manganese	0.0050	.000026	.00053		
Molybdenum	0.0050	.000068	.000065		
Nickel	0.010	.000037	.0018		
Phosphorus	0.30	.042	.045		
Potassium	1.0	.043			
Selenium	0.0020	.00072	.00083	0.00031	<0.0020
Silver	0.00050	.000013	.00029	0.0000050	<0.00050
Sodium	2.5	.0025	.027		
Strontium	0.10	.000061	.00015		
Thallium	0.0010	.000007	.000017		
Tin	0.050	.000025	.00032		
Titanium	0.010	.0003	.00048		
Uranium	0.0010	.000005	.000021		
Vanadium	0.0050	.00042			
Zinc	0.050	.00017	.004		

Associated samples MP1090: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/12/10

Metal	T44280-7 Original	MS	Spikelot MPMSR3	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0040	0.11	0.10	106.0	75-125
Barium	0.23	0.34	0.10	110.0	75-125
Beryllium					
Boron					
Cadmium	0.00071	0.011	0.010	102.9	75-125
Calcium					
Chromium	0.0060	0.10	0.10	94.0	75-125
Cobalt					
Copper					
Iron					
Lead	0.0042	0.055	0.050	101.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium	0.0026	0.025	0.020	112.0	75-125
Silver	0.000015	0.048	0.050	96.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP1090: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090 Methods: SW846 6020
Matrix Type: AQUEOUS Units: mg/l

Prep Date: 01/12/10

Metal	T44280-7 Original	MSD	Spikelot MPMSR3	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0040	0.11	0.10	106.0	0.0	20
Barium	0.23	0.34	0.10	110.0	0.0	20
Beryllium						
Boron						
Cadmium	0.00071	0.011	0.010	102.9	0.0	20
Calcium						
Chromium	0.0060	0.10	0.10	94.0	0.0	20
Cobalt						
Copper						
Iron						
Lead	0.0042	0.055	0.050	101.6	0.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium	0.0026	0.025	0.020	112.0	0.0	20
Silver	0.000015	0.048	0.050	96.0	0.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP1090: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/12/10

Metal	BSP Result	Spikelot MPMSR3	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.11	0.10	110.0	80-120
Barium	0.10	0.10	100.0	80-120
Beryllium				
Boron				
Cadmium	0.011	0.010	110.0	80-120
Calcium				
Chromium	0.11	0.10	110.0	80-120
Cobalt				
Copper				
Iron				
Lead	0.053	0.050	106.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	0.022	0.020	110.0	80-120
Silver	0.052	0.050	104.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP1090: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: ug/l

Prep Date: 01/12/10

Metal	T44280-7 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.806	1.06	31.1 (a)	0-10
Barium	45.4	47.2	3.8	0-10
Beryllium				
Boron				
Cadmium	0.142	0.125	12.0 (a)	0-10
Calcium				
Chromium	1.19	0.914	23.5 (a)	0-10
Cobalt				
Copper				
Iron				
Lead	0.844	1.01	19.3*(b)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	0.523	0.00	100.0(a)	0-10
Silver	0.00300	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP1090: T44430-1, T44430-2, T44430-3, T44430-4, T44430-7, T44430-10, T44430-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference. However, it should be noted that Pb values differ by < 1 ppb and the rpd may only be an indicator of sample variation rather than matrix

SERIAL DILUTION RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1090
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: ug/l

Prep Date:

Metal

interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1107
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/16/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.25	.0024	.0079		
Antimony	0.0020	.00001	.000024		
Arsenic	0.0040	.00058	.00089	0.00026	<0.0040
Barium	0.010	.000063	.0015	0.00015	<0.010
Beryllium	0.0010	.000042	.000075		
Boron	0.20	.0061	.01		
Cadmium	0.00050	.00012	.00015	-0.000080	<0.00050
Calcium	2.0	.026	.035		
Chromium	0.010	.00063	.00089	0.0012	<0.010
Cobalt	0.0010	.0000085	.00012		
Copper	0.010	.000045	.0007		
Iron	0.20	.021	.031		
Lead	0.0025	.000013	.000017	0.000050	<0.0025
Magnesium	0.50	.00096	.003		
Manganese	0.0050	.000026	.00053		
Molybdenum	0.0050	.000068	.000065		
Nickel	0.010	.000037	.0018		
Phosphorus	0.30	.042	.045		
Potassium	1.0	.043			
Selenium	0.0020	.00072	.00083	0.0013	<0.0020
Silver	0.00050	.000013	.00029	0.0000050	<0.00050
Sodium	2.5	.0025	.027		
Strontium	0.10	.000061	.00015		
Thallium	0.0010	.000007	.000017		
Tin	0.050	.000025	.00032		
Titanium	0.010	.0003	.00048		
Uranium	0.0010	.000005	.000021		
Vanadium	0.0050	.00042			
Zinc	0.050	.00017	.004		

Associated samples MP1107: T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1107
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/16/10

Metal	T44280-7A Original	MS	Spikelot MPMSR3	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0023	0.11	0.10	107.7	75-125
Barium	0.14	0.24	0.10	100.0	75-125
Beryllium					
Boron					
Cadmium	0.0	0.010	0.010	100.0	75-125
Calcium					
Chromium	0.0014	0.10	0.10	98.6	75-125
Cobalt					
Copper					
Iron					
Lead	0.00054	0.052	0.050	102.9	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium	0.0038	0.024	0.020	101.0	75-125
Silver	0.000025	0.051	0.050	102.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP1107: T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1107
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/16/10

Metal	T44280-7A Original	MSD	Spikelot MPMSR3	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0023	0.11	0.10	107.7	0.0	20
Barium	0.14	0.25	0.10	110.0	4.1	20
Beryllium						
Boron						
Cadmium	0.0	0.011	0.010	110.0	9.5	20
Calcium						
Chromium	0.0014	0.11	0.10	108.6	9.5	20
Cobalt						
Copper						
Iron						
Lead	0.00054	0.054	0.050	106.9	3.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium	0.0038	0.025	0.020	106.0	4.1	20
Silver	0.000025	0.053	0.050	106.0	3.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP1107: T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1107
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: mg/l

Prep Date: 01/16/10

Metal	BSP Result	Spikelot MPMSR3	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.11	0.10	110.0	80-120
Barium	0.11	0.10	110.0	80-120
Beryllium				
Boron				
Cadmium	0.011	0.010	110.0	80-120
Calcium				
Chromium	0.10	0.10	100.0	80-120
Cobalt				
Copper				
Iron				
Lead	0.050	0.050	100.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	0.021	0.020	105.0	80-120
Silver	0.050	0.050	100.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP1107: T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T44430
Account: ALGC - Accutest Laboratories Gulf Coast, Inc.
Project: TTETMOKC: Farmers Co-op Supply Site

QC Batch ID: MP1107
Matrix Type: AQUEOUS

Methods: SW846 6020
Units: ug/l

Prep Date: 01/16/10

Metal	T44280-7A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.467	0.945	102.4(a)	0-10
Barium	27.4	27.5	0.2	0-10
Beryllium				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	0.286	0.00	100.0(a)	0-10
Cobalt				
Copper				
Iron				
Lead	0.107	0.108	0.9	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	0.753	1.90	151.7(a)	0-10
Silver	0.00500	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP1107: T44430-1A, T44430-2A, T44430-3A, T44430-4A, T44430-7A, T44430-10A, T44430-13A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Gulf Coast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

01/06/10

Technical Report for

Tetra Tech EM, Inc.

Farmers Co-op Supply Site

Accutest Job Number: T44344A

Sampling Dates: 12/15/09 - 12/16/09

Report to:

Tetra Tech
415 Oak Street
Kansas City, MO 64106
bryant.merriman@ttemi.com; emily.fisher@ttemi.com

ATTN: Bryant Merriman

Total number of pages in report: **100**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Paul K Canevaro

Paul Canevaro
Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Georgia Jones 713-271-4700

Certifications: TX (T104704220-06-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103) UT(7132714700)

Test results relate only to samples analyzed.

Table of Contents

-1-

Accutest Laboratories

Sample Summary

Tetra Tech EM, Inc.

Job No: T44344A

Farmers Co-op Supply Site

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
T44344-26	12/16/09	14:02	12/17/09	SO	Soil	SB-1
T44344-27	12/16/09	14:15	12/17/09	SO	Soil	SB-2 2-4'
T44344-28	12/16/09	14:15	12/17/09	SO	Soil	SB-2 14-16'
T44344-32	12/15/09	00:00	12/17/09	AQ	Trip Blank Water	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Tetra Tech EM, Inc.	**Job No**	T44344A
Site:	Farmers Co-op Supply Site	**Report Date**	12/30/2009 11:50:15 A

3 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected on between 12/15/2009 and 12/16/2009 and were received at Accutest on 12/17/2009 properly preserved, at 5.8 Deg. C and intact. These Samples received an Accutest job number of T44344A. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** VM938

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44262-1MS, T44262-1MSD were used as the QC samples indicated.
- Matrix Spike Duplicate Recovery(s) for Dichlorodifluoromethane are outside control limits. Probable cause due to matrix interference.

Matrix SO **Batch ID:** VM936

- All samples were analyzed within the recommended method holding time.
- Sample(s) T44344-18MS, T44344-18MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 1,2-Dichloroethane, 1,2-Dichloropropane are outside control limits.
- Matrix Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, Dibromochloromethane, Isopropylbenzene, Methyl Tert Butyl Ether, Methylene bromide, n-Propylbenzene, o-Chlorotoluene, p-Chlorotoluene, tert-Butylbenzene, trans-1,3-Dichloropropene, Trichloroethylene, Trichlorofluoromethane are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Bromoform, Carbon tetrachloride, Chloroform, cis-1,3-Dichloropropene, Dibromochloromethane, Isopropylbenzene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, p-Chlorotoluene, tert-Butylbenzene, trans-1,3-Dichloropropene, Trichloroethylene, Trichlorofluoromethane are outside control limits. Probable cause due to matrix interference.

Extractables by GCMS By Method SW846 8270C

Matrix SO	**Batch ID:** OP13706

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) T44344-22MS, T44344-22MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2,4,5-Trichlorophenol, Hexachlorocyclopentadiene are outside control limits.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine, 4-Nitroaniline are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,2-Dichlorobenzene, Di-n-octyl phthalate, N-Nitroso-di-n-propylamine, n-Nitrosodimethylamine, Phenol are outside control limits. Probable cause due to matrix interference.
- Sample(s) T44344-27 have surrogates outside control limits. Outside control limits due to dilution.
- T44344-27: Internal standards are not within advisory limits due to matrix interference. Confirmed by reanalysis.
- OP13706-BS for Hexachlorocyclopentadiene: Not detected in associated samples.
- OP13706-BS for 2,4,5-Trichlorophenol: Not detected in associated samples.

Volatiles by GC By Method OA-1

Matrix SO	**Batch ID:** GEE2563

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44430-15MS, T44430-15MSD were used as the QC samples indicated.

Extractables by GC By Method OA-2

Matrix SO	**Batch ID:** OP13716

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44344-19MS, T44344-19MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix SO	**Batch ID:** MP10881

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44432-1DUP, T44432-1MS, T44432-1SDL, T44432-1MSD were used as the QC samples for metals.
- Matrix Spike Duplicate Recovery(s) for Arsenic, Barium, Cadmium, Chromium, Lead, Selenium are outside control limits. High RPD due to possible matrix interference.
- RPD(s) for MSD for Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver are outside control limits for sample MP10881-S2. High RPD due to possible matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Lead, Selenium are outside control limits for sample MP10881-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7471A

Matrix	SO	**Batch ID:**	MP10895

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T44344-26DUP, T44344-26MS, T44344-26MSD were used as the QC samples for metals.

Wet Chemistry By Method SM 2540 G

Matrix	SO	**Batch ID:**	GN19602

- Sample(s) T44344-5DUP were used as the QC samples for Solids, Percent.

Matrix	SO	**Batch ID:**	GN19603

- Sample(s) T44344-27DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9045C

Matrix	SO	**Batch ID:**	GN19609

- Sample(s) T44344-31DUP were used as the QC samples for pH.

Accutest Laboratories Gulf Coast (ALGC) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALGC and as stated on the COC. ALGC certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALGC Quality Manual except as noted above. This report is to be used in its entirety. ALGC is not responsible for any assumptions of data quality if partial data packages are used

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0023227.D	1	12/24/09	JL	n/a	n/a	VM936
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.053	0.0087	mg/kg	
71-43-2	Benzene	ND	0.0053	0.00074	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	0.00059	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	0.00062	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0053	0.00078	mg/kg	
75-25-2	Bromoform	ND	0.0053	0.00098	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	0.00073	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	0.00081	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0053	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0053	0.00059	mg/kg	
75-00-3	Chloroethane	ND	0.0053	0.00096	mg/kg	
67-66-3	Chloroform	ND	0.0053	0.00064	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	0.00089	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	0.0011	mg/kg	
75-15-0	Carbon disulfide	ND	0.011	0.00059	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0053	0.00068	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0053	0.00096	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0053	0.00081	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0053	0.00070	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0053	0.0028	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0053	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0053	0.00071	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0053	0.00085	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0053	0.00074	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0053	0.00061	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0053	0.00058	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	0.0013	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0053	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0053	0.00057	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0053	0.00076	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0053	0.00076	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0053	0.00074	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0053	0.00083	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0053	0.00066	mg/kg	
100-41-4	Ethylbenzene	ND	0.0053	0.00095	mg/kg	
591-78-6	2-Hexanone	ND	0.053	0.0069	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	0.00074	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	0.00095	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.053	0.0059	mg/kg	
74-83-9	Methyl bromide	ND	0.0053	0.0013	mg/kg	
74-87-3	Methyl chloride	ND	0.0053	0.0012	mg/kg	
74-95-3	Methylene bromide	ND	0.0053	0.00099	mg/kg	
75-09-2	Methylene chloride	ND	0.011	0.0025	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.053	0.0061	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0053	0.00089	mg/kg	
91-20-3	Naphthalene	ND	0.0053	0.00091	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	0.00077	mg/kg	
100-42-5	Styrene	ND	0.0053	0.00082	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0053	0.00045	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0053	0.00073	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0053	0.0014	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0053	0.0021	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	0.0018	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	0.00090	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	0.0010	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0053	0.00081	mg/kg	
108-88-3	Toluene	ND	0.0053	0.0010	mg/kg	
79-01-6	Trichloroethylene	ND	0.0053	0.0018	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0053	0.00074	mg/kg	
75-01-4	Vinyl chloride	ND	0.0053	0.0011	mg/kg	
1330-20-7	Xylene (total)	ND	0.016	0.0022	mg/kg	
	m,p-Xylene	ND	0.011	0.0015	mg/kg	
95-47-6	o-Xylene	ND	0.0053	0.00067	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-121%
2037-26-5	Toluene-D8	114%		76-132%
460-00-4	4-Bromofluorobenzene	134%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	120%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07793.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	0.88	0.066	mg/kg	
95-57-8	2-Chlorophenol	ND	0.18	0.049	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.18	0.039	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.18	0.042	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.18	0.031	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	0.88	0.44	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.35	0.070	mg/kg	
95-48-7	2-Methylphenol	ND	0.18	0.033	mg/kg	
	3&4-Methylphenol	ND	0.18	0.098	mg/kg	
88-75-5	2-Nitrophenol	ND	0.18	0.040	mg/kg	
100-02-7	4-Nitrophenol	ND	0.88	0.43	mg/kg	
87-86-5	Pentachlorophenol	ND	0.88	0.071	mg/kg	
108-95-2	Phenol	ND	0.18	0.031	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.18	0.045	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.18	0.055	mg/kg	
83-32-9	Acenaphthene	ND	0.18	0.048	mg/kg	
208-96-8	Acenaphthylene	ND	0.18	0.041	mg/kg	
62-53-3	Aniline	ND	0.88	0.19	mg/kg	
120-12-7	Anthracene	ND	0.18	0.034	mg/kg	
92-87-5	Benzidine	ND	1.8	0.32	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.18	0.067	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.18	0.028	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.18	0.043	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.18	0.041	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.18	0.033	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.18	0.048	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.18	0.048	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.18	0.048	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.18	0.038	mg/kg	
106-47-8	4-Chloroaniline	ND	0.18	0.13	mg/kg	
86-74-8	Carbazole	ND	0.18	0.032	mg/kg	
218-01-9	Chrysene	ND	0.18	0.038	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.18	0.037	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.18	0.042	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.18	0.057	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.18	0.049	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.18	0.029	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.18	0.046	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.18	0.031	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.18	0.065	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.18	0.038	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.18	0.047	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.35	0.076	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.18	0.093	mg/kg	
132-64-9	Dibenzofuran	ND	0.18	0.046	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.18	0.047	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.18	0.041	mg/kg	
84-66-2	Diethyl phthalate	ND	0.18	0.043	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.18	0.050	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.18	0.074	mg/kg	
206-44-0	Fluoranthene	ND	0.18	0.036	mg/kg	
86-73-7	Fluorene	ND	0.18	0.048	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.18	0.051	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.18	0.049	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.88	0.29	mg/kg	
67-72-1	Hexachloroethane	ND	0.18	0.046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.18	0.063	mg/kg	
78-59-1	Isophorone	ND	0.18	0.038	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.18	0.041	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.18	0.055	mg/kg	
88-74-4	2-Nitroaniline	ND	0.18	0.065	mg/kg	
99-09-2	3-Nitroaniline	ND	0.18	0.070	mg/kg	
100-01-6	4-Nitroaniline	ND	0.18	0.093	mg/kg	
91-20-3	Naphthalene	ND	0.18	0.035	mg/kg	
98-95-3	Nitrobenzene	ND	0.18	0.028	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.18	0.038	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.18	0.043	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.18	0.044	mg/kg	
85-01-8	Phenanthrene	ND	0.18	0.047	mg/kg	
129-00-0	Pyrene	ND	0.18	0.034	mg/kg	
110-86-1	Pyridine	ND	0.18	0.030	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.18	0.045	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		26-124%
4165-62-2	Phenol-d5	80%		19-106%
118-79-6	2,4,6-Tribromophenol	99%		18-129%
4165-60-0	Nitrobenzene-d5	80%		18-104%
321-60-8	2-Fluorobiphenyl	83%		21-114%
1718-51-0	Terphenyl-d14	109%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-1	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050781.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.65 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.32	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		46-127%
98-08-8	aaa-Trifluorotoluene	107%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	94.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217122.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	7.0	0.31	mg/kg	
	TPH (Kerosene)	ND	7.0	0.28	mg/kg	
	TPH (Mineral Spirits)	ND	7.0	0.36	mg/kg	
	TPH (Motor Oil)	ND	7.0	0.65	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	42%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	94.3
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.61	0.12	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	60.2	12	0.037	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.20 J	0.31	0.061	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	6.7	0.61	0.043	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	13.2	0.61	0.25	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.00067 U	0.017	0.00067	mg/kg	1	12/28/09	12/28/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.15 U	0.61	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.069 J	0.61	0.049	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4464
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10895

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-1		
Lab Sample ID:	T44344-26	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	94.3
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	94.3		%	1	12/17/09	EV	SM 2540 G
pH	9.08		su	1	12/17/09 17:25	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0023228.D	1	12/24/09	JL	n/a	n/a	VM936
Run #2							

	Initial Weight	Final Volume
Run #1	4.49 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	0.0403	0.068	0.011	mg/kg	J
71-43-2	Benzene	ND	0.0068	0.00095	mg/kg	
108-86-1	Bromobenzene	ND	0.0068	0.00076	mg/kg	
74-97-5	Bromochloromethane	ND	0.0068	0.00080	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0068	0.0010	mg/kg	
75-25-2	Bromoform	ND	0.0068	0.0013	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0068	0.00094	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0068	0.0011	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0068	0.0014	mg/kg	
108-90-7	Chlorobenzene	ND	0.0068	0.00077	mg/kg	
75-00-3	Chloroethane	ND	0.0068	0.0012	mg/kg	
67-66-3	Chloroform	ND	0.0068	0.00083	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0068	0.0012	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0068	0.0015	mg/kg	
75-15-0	Carbon disulfide	ND	0.014	0.00076	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0068	0.00088	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0068	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0068	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0068	0.00090	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0068	0.0036	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0068	0.0014	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0068	0.00091	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0068	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0068	0.00096	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0068	0.00079	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0068	0.00075	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0068	0.0016	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0068	0.0014	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0068	0.00073	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0068	0.00098	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0068	0.00098	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0068	0.00095	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0068	0.0011	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0068	0.00086	mg/kg	
100-41-4	Ethylbenzene	ND	0.0068	0.0012	mg/kg	
591-78-6	2-Hexanone	ND	0.068	0.0090	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0068	0.0016	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0068	0.00095	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0068	0.0012	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.068	0.0076	mg/kg	
74-83-9	Methyl bromide	ND	0.0068	0.0016	mg/kg	
74-87-3	Methyl chloride	ND	0.0068	0.0015	mg/kg	
74-95-3	Methylene bromide	ND	0.0068	0.0013	mg/kg	
75-09-2	Methylene chloride	ND	0.014	0.0032	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.068	0.0079	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0068	0.0012	mg/kg	
91-20-3	Naphthalene	ND	0.0068	0.0012	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0068	0.0010	mg/kg	
100-42-5	Styrene	ND	0.0068	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0068	0.00058	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0068	0.00095	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0068	0.0018	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0068	0.0027	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0068	0.0014	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0068	0.0023	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0068	0.0014	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0068	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0068	0.0013	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0068	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0068	0.0013	mg/kg	
79-01-6	Trichloroethylene	ND	0.0068	0.0023	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0068	0.00095	mg/kg	
75-01-4	Vinyl chloride	ND	0.0068	0.0014	mg/kg	
1330-20-7	Xylene (total)	ND	0.020	0.0029	mg/kg	
	m,p-Xylene	ND	0.014	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0068	0.00087	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-121%
2037-26-5	Toluene-D8	125%		76-132%
460-00-4	4-Bromofluorobenzene	142%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	119%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	P07796.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
Run #2 [a]	P07797.D	10	12/21/09	GJ	12/18/09	OP13706	EP373

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2	30.1 g	1.0 ml

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.076	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.057	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.045	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.049	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.036	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.51	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.081	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.038	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.047	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.50	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.083	mg/kg	
108-95-2	Phenol	ND	0.20	0.036	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.052	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.063	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.056	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.048	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	0.0458	0.20	0.039	mg/kg	J
92-87-5	Benzidine	ND	2.0	0.37	mg/kg	
56-55-3	Benzo(a)anthracene	0.369	0.20	0.078	mg/kg	
50-32-8	Benzo(a)pyrene	0.468	0.20	0.032	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.715	0.20	0.050	mg/kg	
191-24-2	Benzo(g,h,i)perylene	0.425	0.20	0.048	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.405	0.20	0.038	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.055	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.055	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.056	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.044	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.15	mg/kg	
86-74-8	Carbazole	0.0383	0.20	0.038	mg/kg	J
218-01-9	Chrysene	0.681	0.20	0.044	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.043	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.048	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.066	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.057	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.034	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.036	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.076	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.044	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.054	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.088	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.053	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.055	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.048	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.050	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.059	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.086	mg/kg	
206-44-0	Fluoranthene	1.11	0.20	0.042	mg/kg	
86-73-7	Fluorene	0.111	0.20	0.055	mg/kg	J
118-74-1	Hexachlorobenzene	ND	0.20	0.059	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.057	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.34	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.306	0.20	0.073	mg/kg	
78-59-1	Isophorone	ND	0.20	0.044	mg/kg	
90-12-0	1-Methylnaphthalene	0.122	0.20	0.048	mg/kg	J
91-57-6	2-Methylnaphthalene	0.0913	0.20	0.064	mg/kg	J
88-74-4	2-Nitroaniline	ND	0.20	0.076	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.082	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.11	mg/kg	
91-20-3	Naphthalene	0.111	0.20	0.041	mg/kg	J
98-95-3	Nitrobenzene	ND	0.20	0.033	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.044	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.050	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.051	mg/kg	
85-01-8	Phenanthrene	1.39	0.20	0.054	mg/kg	
129-00-0	Pyrene	1.72	0.20	0.039	mg/kg	
110-86-1	Pyridine	ND	0.20	0.035	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.052	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%	70%	26-124%
4165-62-2	Phenol-d5	87%	85%	19-106%
118-79-6	2,4,6-Tribromophenol	102%	77%	18-129%
4165-60-0	Nitrobenzene-d5	86%	71%	18-104%
321-60-8	2-Fluorobiphenyl	86%	118% [b]	21-114%
1718-51-0	Terphenyl-d14	137%	136%	24-149%

(a) Internal standards are not within advisory limits due to matrix interference. Confirmed by reanalysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-1	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050782.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.74 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.3	0.59	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		46-127%
98-08-8	aaa-Trifluorotoluene	107%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	81.6
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217123.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.1	0.36	mg/kg	
	TPH (Kerosene)	ND	8.1	0.33	mg/kg	
	TPH (Mineral Spirits)	ND	8.1	0.41	mg/kg	
	TPH (Motor Oil)	ND	8.1	0.75	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	47%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	81.6
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.0	0.73	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	161	15	0.044	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.41	0.36	0.073	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	12.1	0.73	0.051	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	93.8	0.73	0.29	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.13	0.019	0.00075	mg/kg	1	12/28/09	12/28/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.17 U	0.73	0.17	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.24 J	0.73	0.058	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4464
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10895

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-2 2-4'		
Lab Sample ID:	T44344-27	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	81.6
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	81.6		%	1	12/17/09	EV	SM 2540 G
pH	8.10		su	1	12/17/09 17:25	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0023229.D	1	12/24/09	JL	n/a	n/a	VM936
Run #2							

	Initial Weight	Final Volume
Run #1	4.80 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.065	0.011	mg/kg	
71-43-2	Benzene	ND	0.0065	0.00091	mg/kg	
108-86-1	Bromobenzene	ND	0.0065	0.00072	mg/kg	
74-97-5	Bromochloromethane	ND	0.0065	0.00076	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0065	0.00096	mg/kg	
75-25-2	Bromoform	ND	0.0065	0.0012	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0065	0.00090	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0065	0.0010	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0065	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0065	0.00073	mg/kg	
75-00-3	Chloroethane	ND	0.0065	0.0012	mg/kg	
67-66-3	Chloroform	ND	0.0065	0.00079	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0065	0.0011	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0065	0.0014	mg/kg	
75-15-0	Carbon disulfide	ND	0.013	0.00073	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0065	0.00084	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0065	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0065	0.0010	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0065	0.00086	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0065	0.0035	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0065	0.0013	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0065	0.00087	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0065	0.0010	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0065	0.00091	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0065	0.00075	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0065	0.00071	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0065	0.0015	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0065	0.0013	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0065	0.00070	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0065	0.00093	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0065	0.00093	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0065	0.00091	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0065	0.0010	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0065	0.00081	mg/kg	
100-41-4	Ethylbenzene	ND	0.0065	0.0012	mg/kg	
591-78-6	2-Hexanone	ND	0.065	0.0085	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0065	0.0015	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0065	0.00091	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0065	0.0012	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.065	0.0072	mg/kg	
74-83-9	Methyl bromide	ND	0.0065	0.0016	mg/kg	
74-87-3	Methyl chloride	ND	0.0065	0.0015	mg/kg	
74-95-3	Methylene bromide	ND	0.0065	0.0012	mg/kg	
75-09-2	Methylene chloride	0.0047	0.013	0.0030	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.065	0.0075	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0065	0.0011	mg/kg	
91-20-3	Naphthalene	ND	0.0065	0.0011	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0065	0.00095	mg/kg	
100-42-5	Styrene	ND	0.0065	0.0010	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0065	0.00055	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0065	0.00090	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0065	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0065	0.0025	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0065	0.0013	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0065	0.0022	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0065	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0065	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0065	0.0013	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0065	0.0010	mg/kg	
108-88-3	Toluene	ND	0.0065	0.0012	mg/kg	
79-01-6	Trichloroethylene	ND	0.0065	0.0022	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0065	0.00091	mg/kg	
75-01-4	Vinyl chloride	ND	0.0065	0.0013	mg/kg	
1330-20-7	Xylene (total)	ND	0.019	0.0027	mg/kg	
	m,p-Xylene	ND	0.013	0.0019	mg/kg	
95-47-6	o-Xylene	ND	0.0065	0.00083	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-121%
2037-26-5	Toluene-D8	113%		76-132%
460-00-4	4-Bromofluorobenzene	123%		73-165%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		57-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P07788.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1.0	0.077	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.057	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.045	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.049	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.036	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.51	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.082	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.038	mg/kg	
	3&4-Methylphenol	ND	0.20	0.11	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.047	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.51	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.083	mg/kg	
108-95-2	Phenol	ND	0.20	0.036	mg/kg	
95-95-4	2,4,5-Trichlorophenol	ND	0.20	0.053	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.064	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.056	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.048	mg/kg	
62-53-3	Aniline	ND	1.0	0.22	mg/kg	
120-12-7	Anthracene	ND	0.20	0.039	mg/kg	
92-87-5	Benzidine	ND	2.0	0.37	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.078	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.050	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.048	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.038	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.055	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.055	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.056	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.044	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.15	mg/kg	
86-74-8	Carbazole	ND	0.20	0.038	mg/kg	
218-01-9	Chrysene	ND	0.20	0.044	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.043	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.049	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.066	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.057	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.034	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.036	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.076	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.044	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.055	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.088	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.11	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.053	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.20	0.055	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.048	mg/kg	
84-66-2	Diethyl phthalate	ND	0.20	0.051	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.059	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.20	0.086	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.042	mg/kg	
86-73-7	Fluorene	ND	0.20	0.055	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.059	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.057	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1.0	0.34	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.073	mg/kg	
78-59-1	Isophorone	ND	0.20	0.044	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.20	0.048	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.064	mg/kg	
88-74-4	2-Nitroaniline	ND	0.20	0.076	mg/kg	
99-09-2	3-Nitroaniline	ND	0.20	0.082	mg/kg	
100-01-6	4-Nitroaniline	ND	0.20	0.11	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.041	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.033	mg/kg	
62-75-9	n-Nitrosodimethylamine	ND	0.20	0.044	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.051	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.051	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.055	mg/kg	
129-00-0	Pyrene	ND	0.20	0.040	mg/kg	
110-86-1	Pyridine	ND	0.20	0.035	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.052	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		26-124%
4165-62-2	Phenol-d5	79%		19-106%
118-79-6	2,4,6-Tribromophenol	70%		18-129%
4165-60-0	Nitrobenzene-d5	78%		18-104%
321-60-8	2-Fluorobiphenyl	88%		21-114%
1718-51-0	Terphenyl-d14	113%		24-149%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-1	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050783.D	1	12/26/09	FI	n/a	n/a	GEE2563
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.25 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.2	0.46	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		46-127%
98-08-8	aaa-Trifluorotoluene	106%		44-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
Method:	OA-2 SW846 3550B	**Percent Solids:**	80.3
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217124.D	1	12/24/09	SS	12/21/09	OP13716	GCC1025
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	8.2	0.36	mg/kg	
	TPH (Kerosene)	ND	8.2	0.33	mg/kg	
	TPH (Mineral Spirits)	ND	8.2	0.42	mg/kg	
	TPH (Motor Oil)	ND	8.2	0.76	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	40%		25-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	80.3
Project:	Farmers Co-op Supply Site		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	6.3	0.74	0.15	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Barium	205	15	0.044	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	0.28 J	0.37	0.074	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Chromium	19.8	0.74	0.052	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Lead	11.4	0.74	0.29	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.017 J	0.020	0.00077	mg/kg	1	12/28/09	12/28/09	TW	SW846 7471A [2]	SW846 7471A [4]
Selenium	0.18 U	0.74	0.18	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]
Silver	0.23 J	0.74	0.059	mg/kg	1	12/24/09	12/28/09	NS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA4462
(2) Instrument QC Batch: MA4464
(3) Prep QC Batch: MP10881
(4) Prep QC Batch: MP10895

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SB-2 14-16'		
Lab Sample ID:	T44344-28	**Date Sampled:**	12/16/09
Matrix:	SO - Soil	**Date Received:**	12/17/09
		Percent Solids:	80.3
Project:	Farmers Co-op Supply Site		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	80.3		%	1	12/17/09	EV	SM 2540 G
pH	7.04		su	1	12/17/09 17:25	EV	SW846 9045C

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44344-32	**Date Sampled:**	12/15/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M0023293.D	1	12/28/09	JL	n/a	n/a	VM938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44344-32	**Date Sampled:**	12/15/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	ND	0.0020	0.00043	mg/l	
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		79-122%
17060-07-0	1,2-Dichloroethane-D4	95%		75-121%
2037-26-5	Toluene-D8	103%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	T44344-32	**Date Sampled:**	12/15/09
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Farmers Co-op Supply Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44344

Client / Reporting Information

Company Name: TTEMI

Project Contact: Emily Fisher or Bryant Merriman — E-Mail: emily.fisher@ttemi.com

Address: 415 Oak Street

City: Kansas City — State: MO — Zip: 64106

Phone No.: 816-412-1741 — Fax No.:

Samplers's Name:

Project Information

Project Name / No.: Beatrice Concrete Company Site

Bill to: TTEMI — Invoice Attn.: Lisa K. Wilson

Address: 415 Oak Street

City: Kansas — State: MO — Zip: 64106

Phone No.: — Fax No.:

Client Purchase Order #:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	EnCore	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Ph	Dissolved Metals /6020/7470 (Waters)				LAB USE ONLY
1, 2	GW-10	12/15/09	14:10	SO																					
3, 4	GW-2	12/15/09	15:15	SO																					
5, 6	GW-3	12/15/09	15:54	SO																					
7, 8	GW-4	12/15/09	16:22	SO																					
9, 10	GW-6	12/15/09	16:43	SO																					
11, 12	GW-7	12/16/09	07:47	SO																					
13, 14	GW-9	12/16/09	08:21	SO																					
15, 16	GW-14	12/16/09	09:16	SO																					
17, 18	GW-15	12/16/09	09:33	SO																					
19, 20	GW-11	12/16/09	09:50	SO																					

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SO - Soil
SL - Sludge
OI - Oil
LIQ - Liquid
SOL - Other Solid

Turnaround Time (Business days)

- [xx] 10 Day *STANDARD*
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By:/ Date:

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only

Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Tom Scroggin	12/16/09 15:00	1	2 FedEx	12/17/09 0915	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp. 5.8

4.1

4

T44344A: Chain of Custody

Page 1 of 10

CHAIN OF CUSTODY

ACCUTEST Laboratories

10165 Harwin, Suite 150 - Houston, TX 77036 - 713-271-4700 fax: 713-271-4770

Page ____ of

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # T44344

Client / Reporting Information

Company Name: TTEMI	
Project Contact: Emily Fisher or Bryant Merriman	E-Mail: emily.fisher@ttemi.com
Address: 415 Oak Street	
City: Kansas City	State: MO	Zip: 64106
Phone No.: 816-412-1741	Fax No.:
Samplers's Name	

Project Information

Project Name / No.: Beatrice Concrete Company Site	
Bill to: TTEMI	Invoice Attn.: Lisa K. Wilson
Address: 415 Oak Street	
City: Kansas	State: MO	Zip: 64106
Phone No.:	Fax No.:
Client Purchase Order #: 103DX9004L060002015.010	

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	ENCORE	NaHSO4	MEOH	NONE	Volatiles/8260	Semi-Volatiles/8270	DRO-OA-2	GRO-OA-1	Total Metals /6020/7470 (Waters)	Total Metals /6010/7471 (Soils)	Ph	Dissolved Metals /6020/7470 (Waters)				LAB USE ONLY
21, 22	GW-16	12/16/09	11:11	SO																					
23, ~~24~~	GW-9	12/16/09	08:21	GW																					
24	GW-11	12/16/09	09:50	GW																					
25	GW-16	12/16/09	11:11	GW																					
26	SB-1	12/16/09	14:02	SO																					
27, 28	SB-2	12/16/09	14:15	SO																					
29	SB-2	12/16/09	14:15	GW																					

Number of preserved bottles

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Wastewater
SO - Soil
SL - Sludge
OI - Oil
LIQ - Liquid
SOL - Other Solid

Turnaround Time (Business days)

- [XX] 10 Day *STANDARD* — Approved By:/ Date:
- [ ] 7 Day
- [ ] 4 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Real time analytical data available via Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] Reduced Tier 1
- [ ] Full Data Package
- [ ] TRRP-13
- [ ] EDD Format_____
- [XXX] Other_ COMMBN

Commercial "A" = Results Only
Commercial "B" = Results & Standard QC

Comments / Remarks

Report down to the MDL ("J") Values required)

EDD Needed - Plain excel will do. Hard copy to be sent via mail

Need copy of COC with invoice.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Tom Scroggin	12/16/09 15:00	1	2 Fed Ex	12/17/09 0915	2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 5.8

4.1

4

T44344A: Chain of Custody
Page 2 of 10

SAMPLE INSPECTION FORM

Accutest Job Number: T44344 Client: TTEMI Date/Time Received: 12/17/9 915

# of Coolers Received: _____ Thermometer #: _____ Temperature Adjustment Factor: _____

Cooler Temps: #1: 6.4°C #2: 4.9°C #3: 4.2°C #4: 5.2°C #5: 5.8°C #6: _____ #7: _____ #8: _____

Method of Delivery: (FEDEX) UPS Accutest Courier Greyhound Delivery Other

Airbill Numbers: _____

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [X] Analyses unclear or missing
- [X] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [X] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [X] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [X] Received Water Trip Blank
- [X] Received Soil TB

Number of Encores? _____
Number of 5035 kits? _____
Number of lab-filtered metals? _____

Summary of Discrepancies:

(1) Received Extra Sample - id GW 1 0-2' & GW 1 12-14'
(2) Did not receive SB2(Water) but did received GW-2 (water) Log id # 29
(3) No analysis checked on COC
(4) Sample ids on bottles have depth but COC doesn't have any depths at all

TECHNICIAN SIGNATURE/DATE: 12/17/9

INFORMATION AND SAMPLE LABELING VERIFIED BY: 12/17/09

CORRECTIVE ACTIONS

Client Representative Notified: Bryant Mummon **Date:** 12/18/09

By Accutest Representative: **Via:** (Phone) Email

Client Instructions:

I:\mwalker\form\samplemanagement

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 915

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	1	GW-10 0-2'	12-16-9 1410	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40	5-6		1 2 (3) 4 5 6 7 8	<2 >12
	2	GW-10 12-14'			8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40"	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	3	GW-2 0-2'	1515		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	4 8ºC	GW-2 10-12'			8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	5	GW-3 0-2'	1554		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 4 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 915

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	436	GW-3 8-10'	12/15-9 1554	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	437	GW-4 0-2'	1622		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40"	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	8	GW-4 10-12'			8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	9	GW-6 0-2'	1603		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
	10	GW-6 6-8'			8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2 >12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewn

4.1

4

T44344A: Chain of Custody

Page 5 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 915

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH	
	11	GW 7 0-2'	12-16-9 0747	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2	>12
					40	5-6		1 2 3 4 5 (6) 7 8	<2	>12
	12	8-10'	0747		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2	>12
					40"	5-6		1 2 3 4 5 (6) 7 8	<2	>12
	13	GW-9 0-2'	821		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2	>12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2	>12
	14	10-12'			8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2	>12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2	>12
	15	GW-14 0-2'	916		8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
					2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4		1 2 3 4 5 6 (7) 8	<2	>12
					40ml	5-6		1 2 3 4 5 (6) 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Solls) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 6 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 915

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	16	GW-14 10-12'	12-16-9 9:16	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40ml	3-4	↓	1 2 3 (4) 5 6 7 8	<2 >12
	↓	↓	↓	↓	40	5-6	↓	1 2 3 4 5 (6) 7 8	<2 >12
	17	GW-15 0-2'	933	↓	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40ml	3-4	↓	1 2 3 4 5 6 (7) 8	<2 >12
	↓	↓	↓	↓	40"	5-6	↓	1 2 3 4 5 (6) 7 8	<2 >12
	18	GW-15 10-12'		↓	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40ml	3-4	↓	1 2 3 4 5 6 (7) 8	<2 >12
	↓	↓	↓	↓	40ml	5-6	↓	1 2 3 4 5 (6) 7 8	<2 >12
	19	GW-11 0-2'	950	↓	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40ml	3-4	↓	1 2 3 4 5 6 (7) 8	<2 >12
	↓	↓	↓	↓	40ml	5-6	↓	1 2 3 4 5 (6) 7 8	<2 >12
	20	GW-11 6-8'	↓	↓	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
	↓	↓	↓	↓	40ml	3-4	↓	1 2 3 4 5 6 (7) 8	<2 >12
	↓	↓	↓	↓	40ml	5-6	↓	1 2 3 4 5 (6) 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12
								1 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 7 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 9:15

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL.	BOTTLE #	LOCATION	PRESERV	PH	
	21	GW-16 0-2'	12-16-9 1111	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					4o	3-4	↓	1 2 3 4 5 6 (7) 8	<2	>12
	↓	↓	↓	↓	4o	5-6	↓	1 2 3 4 5 (6) 7 8	<2	>12
	22	GW-16 14-16	1111	S	8oz	1	2-40	(1) 2 3 4 5 6 7 8	<2	>12
	↓	↓	↓	↓	2oz	2	VR	(1) 2 3 4 5 6 7 8	<2	>12
					40ml	3-4	↓	1 2 3 4 5 6 (7) 8	<2	>12
					40ml	5-6	↓	1 2 3 4 5 (6) 7 8	<2	>12
	23	GW-9 —	12-16-9 821	W	LAG	1-4	1-5	(1) 2 3 4 5 6 7 8	<2	>12
	↓	↓	↓	↓	LAG	5	↓	(1) 2 3 4 5 6 7 8	<2	>12
					250	6	↓	1 2 3 4 5 6 (7) 8	(<2)	>12
					40ml	7-12	VR	1 (2) 3 4 5 6 7 8	<2	>12
	24	GW-11	12-16-9 950		LAG	1-4	1-5	(1) 2 3 4 5 6 7 8	<2	>12
	↓	↓	↓	↓	LAG	5	↓	(1) 2 3 4 5 6 7 8	<2	>12
					250	6	↓	1 2 (3) 4 5 6 7 8	(<2)	>12
					40	7-12	VR	1 (2) 3 4 5 6 7 8	<2	>12
	25	GW-16	1111		LAG	1-4	1-5	(1) 2 3 4 5 6 7 8	<2	>12
	↓	↓	↓	↓	LAG	5	↓	(1) 2 3 4 5 6 7 8	<2	>12
					250	6	↓	1 2 (3) 4 5 6 7 8	(<2)	>12
					40	7-12	VR	1 (2) 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12
								1 2 3 4 5 6 7 8	<2	>12

PRESERVATIVES : 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 8 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9

CLIENT: TTEMS INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH	
	26	SB-1	12-16-9 1402	S	8oz	1	2-40	1	<2	>12
					2oz	2	VR	1	<2	>12
					40ml	3-4		7	<2	>12
					40ml	5-6		6	<2	>12
	27	SB-2 2-4	1415		8oz	1	2-40	1	<2	>12
					2oz	2	VR	1	<2	>12
					40ml	3-4		7	<2	>12
					40ml	5-6		6	<2	>12
	28	SB-2 14-16'	1415		8oz	1	2-40	1	<2	>12
					2oz	2	VR	1	<2	>12
					40ml	3-4		7	<2	>12
				W	40ml	5-6		6	<2	>12
	29	GW-2		W	UAG	1-4	1-J	1	<2	>12
					500	5		1	<2	>12
					250	6		3	<2	>12
					40	7/2		2	<2	>12
	30	GW-1 0-2		S	8oz	1	2-40	1	<2	>12
					2oz	2	VR	1	<2	>12
					40	3-4		7	<2	>12
					40	5-6		6	<2	>12
									<2	>12
									<2	>12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 9 of 10

SAMPLE RECEIPT LOG

JOB #: T44344 DATE/TIME RECEIVED: 12-17-9 9:5

CLIENT: TTEMI INITIALS: EC

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
	31	GW - 12-14'	12-16-9 1305	S	8oz	1	2-40	1	<2 >12
	↓	↓	↓	↓	2oz	2	VR	1	<2 >12
	↓	↓	↓	↓	40	3-4	↓	7	<2 >12
	↓	↓	↓	↓	40	5-6	↓	6	<2 >12
	32 (W)	Trip Blank	—	WTB	40ml	1-2	VR	6	<2 >12
	33		↓	WTB	↓	1-2	VR	2	<2 >12
	34	Trip Blank	↓	STB	↓	1-4	VR	8 7	<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12
									<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

Rev 8/13/01 ewp

4.1

4

T44344A: Chain of Custody

Page 10 of 10

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-MB	M0023217.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	8.3	ug/kg	
71-43-2	Benzene	ND	5.0	0.70	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.56	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.59	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.74	ug/kg	
75-25-2	Bromoform	ND	5.0	0.93	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.69	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.77	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.56	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.91	ug/kg	
67-66-3	Chloroform	ND	5.0	0.61	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.84	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.1	ug/kg	
75-15-0	Carbon disulfide	ND	10	0.56	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.91	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.77	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.80	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.70	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.58	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.54	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.72	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.72	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.70	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.79	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.90	ug/kg	
591-78-6	2-Hexanone	ND	50	6.6	ug/kg	

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-MB	M0023217.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	5.0	1.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.90	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	50	5.6	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.1	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.94	ug/kg	
75-09-2	Methylene chloride	ND	10	2.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	50	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.85	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.87	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.74	ug/kg	
100-42-5	Styrene	ND	5.0	0.77	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.85	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.98	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.77	ug/kg	
108-88-3	Toluene	ND	5.0	0.95	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.70	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	
	m,p-Xylene	ND	10	1.5	ug/kg	
95-47-6	o-Xylene	ND	5.0	0.64	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	70-121%
2037-26-5	Toluene-D8	117%	76-132%

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-MB	M0023217.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	134%	73-165%
17060-07-0	1,2-Dichloroethane-D4	105%	57-122%

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-MB	M0023292.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	4.7	ug/l	
71-43-2	Benzene	ND	2.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	2.0	0.82	ug/l	
74-97-5	Bromochloromethane	ND	2.0	1.6	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.49	ug/l	
75-25-2	Bromoform	ND	2.0	1.4	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.63	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.52	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	1.3	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.56	ug/l	
75-00-3	Chloroethane	ND	2.0	0.92	ug/l	
67-66-3	Chloroform	ND	2.0	0.64	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.70	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.9	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.55	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.62	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.54	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.61	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.1	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/l	
541-73-1	m-Dichlorobenzene	ND	2.0	1.0	ug/l	
95-50-1	o-Dichlorobenzene	ND	2.0	0.69	ug/l	
106-46-7	p-Dichlorobenzene	ND	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
591-78-6	2-Hexanone	ND	10	3.2	ug/l	

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-MB	M0023292.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	2.0	1.3	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.51	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.65	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	9.9	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.94	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.84	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.65	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	3.9	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.65	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.57	ug/l	
100-42-5	Styrene	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.80	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.98	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.82	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.70	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.91	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.52	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	
	m,p-Xylene	ND	4.0	1.1	ug/l	
95-47-6	o-Xylene	ND	2.0	0.53	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	95%	75-121%

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-MB	M0023292.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Surrogate Recoveries		Limits
2037-26-5	Toluene-D8	102%	87-119%
460-00-4	4-Bromofluorobenzene	98%	80-133%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-BS	M0023236.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	275	110	62-133
71-43-2	Benzene	50	49.2	98	70-114
108-86-1	Bromobenzene	50	49.5	99	73-112
74-97-5	Bromochloromethane	50	51.1	102	70-110
75-27-4	Bromodichloromethane	50	52.2	104	71-104
75-25-2	Bromoform	50	47.4	95	72-116
104-51-8	n-Butylbenzene	50	44.2	88	59-112
135-98-8	sec-Butylbenzene	50	41.7	83	65-112
98-06-6	tert-Butylbenzene	50	45.5	91	66-112
108-90-7	Chlorobenzene	50	47.4	95	72-113
75-00-3	Chloroethane	50	48.5	97	51-133
67-66-3	Chloroform	50	53.7	107	74-115
95-49-8	o-Chlorotoluene	50	50.5	101	70-113
106-43-4	p-Chlorotoluene	50	49.7	99	69-114
75-15-0	Carbon disulfide	50	48.9	98	44-112
56-23-5	Carbon tetrachloride	50	47.9	96	62-115
75-34-3	1,1-Dichloroethane	50	55.8	112	72-116
75-35-4	1,1-Dichloroethylene	50	51.0	102	59-122
563-58-6	1,1-Dichloropropene	50	49.9	100	61-111
96-12-8	1,2-Dibromo-3-chloropropane	50	50.8	102	61-121
106-93-4	1,2-Dibromoethane	50	46.3	93	74-114
107-06-2	1,2-Dichloroethane	50	60.8	122* [a]	73-109
78-87-5	1,2-Dichloropropane	50	57.1	114* [a]	73-111
142-28-9	1,3-Dichloropropane	50	49.3	99	72-112
594-20-7	2,2-Dichloropropane	50	47.0	94	63-118
124-48-1	Dibromochloromethane	50	50.0	100	74-115
75-71-8	Dichlorodifluoromethane	50	31.0	62	27-104
156-59-2	cis-1,2-Dichloroethylene	50	50.0	100	69-110
10061-01-5	cis-1,3-Dichloropropene	50	56.9	114	75-115
541-73-1	m-Dichlorobenzene	50	44.9	90	69-114
95-50-1	o-Dichlorobenzene	50	45.9	92	74-113
106-46-7	p-Dichlorobenzene	50	44.5	89	70-113
156-60-5	trans-1,2-Dichloroethylene	50	57.8	116	66-119
10061-02-6	trans-1,3-Dichloropropene	50	55.0	110	76-122
100-41-4	Ethylbenzene	50	46.5	93	60-119
591-78-6	2-Hexanone	250	238	95	61-131

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-BS	M0023236.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
87-68-3	Hexachlorobutadiene	50	41.0	82	53-123
98-82-8	Isopropylbenzene	50	49.1	98	70-114
99-87-6	p-Isopropyltoluene	50	40.6	81	65-113
108-10-1	4-Methyl-2-pentanone	250	261	104	64-128
74-83-9	Methyl bromide	50	42.5	85	64-117
74-87-3	Methyl chloride	50	49.3	99	46-139
74-95-3	Methylene bromide	50	54.1	108	76-115
75-09-2	Methylene chloride	50	53.2	106	66-113
78-93-3	Methyl ethyl ketone	250	275	110	65-129
1634-04-4	Methyl Tert Butyl Ether	50	54.1	108	58-128
91-20-3	Naphthalene	50	44.3	89	63-127
103-65-1	n-Propylbenzene	50	44.7	89	58-115
100-42-5	Styrene	50	42.6	85	65-99
630-20-6	1,1,1,2-Tetrachloroethane	50	48.2	96	73-112
71-55-6	1,1,1-Trichloroethane	50	48.3	97	65-118
79-34-5	1,1,2,2-Tetrachloroethane	50	50.7	101	65-121
79-00-5	1,1,2-Trichloroethane	50	50.5	101	73-110
87-61-6	1,2,3-Trichlorobenzene	50	41.8	84	45-142
96-18-4	1,2,3-Trichloropropane	50	46.4	93	68-103
120-82-1	1,2,4-Trichlorobenzene	50	39.6	79	54-125
95-63-6	1,2,4-Trimethylbenzene	50	45.7	91	62-113
108-67-8	1,3,5-Trimethylbenzene	50	45.1	90	62-116
127-18-4	Tetrachloroethylene	50	53.0	106	62-119
108-88-3	Toluene	50	48.9	98	68-115
79-01-6	Trichloroethylene	50	47.1	94	67-113
75-69-4	Trichlorofluoromethane	50	39.3	79	57-113
75-01-4	Vinyl chloride	50	46.3	93	50-106
1330-20-7	Xylene (total)	150	133	89	61-115
	m,p-Xylene	100	88.3	88	60-115
95-47-6	o-Xylene	50	45.0	90	63-114

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	70-121%
2037-26-5	Toluene-D8	111%	76-132%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM936-BS	M0023236.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	119%	73-165%
17060-07-0	1,2-Dichloroethane-D4	115%	57-122%

(a) Outside control limits biased high. Only ND results for this compound are reported for all the samples associated with this BS.

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-BS	M0023290.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	89.4	72	62-124
71-43-2	Benzene	25	22.3	89	76-118
108-86-1	Bromobenzene	25	21.3	85	72-110
74-97-5	Bromochloromethane	25	20.7	83	69-110
75-27-4	Bromodichloromethane	25	21.4	86	68-107
75-25-2	Bromoform	25	20.8	83	64-103
104-51-8	n-Butylbenzene	25	22.2	89	74-114
135-98-8	sec-Butylbenzene	25	22.9	92	76-118
98-06-6	tert-Butylbenzene	25	22.9	92	72-116
108-90-7	Chlorobenzene	25	21.8	87	74-111
75-00-3	Chloroethane	25	23.1	92	75-135
67-66-3	Chloroform	25	22.7	91	75-117
95-49-8	o-Chlorotoluene	25	21.8	87	74-113
106-43-4	p-Chlorotoluene	25	22.0	88	72-114
75-15-0	Carbon disulfide	25	24.8	99	57-126
56-23-5	Carbon tetrachloride	25	23.8	95	75-125
75-34-3	1,1-Dichloroethane	25	22.5	90	76-121
75-35-4	1,1-Dichloroethylene	25	25.2	101	71-128
563-58-6	1,1-Dichloropropene	25	24.0	96	76-122
96-12-8	1,2-Dibromo-3-chloropropane	25	20.9	84	55-121
106-93-4	1,2-Dibromoethane	25	21.3	85	69-106
107-06-2	1,2-Dichloroethane	25	21.4	86	70-111
78-87-5	1,2-Dichloropropane	25	21.8	87	71-113
142-28-9	1,3-Dichloropropane	25	20.9	84	69-106
594-20-7	2,2-Dichloropropane	25	20.2	81	68-130
124-48-1	Dibromochloromethane	25	21.5	86	69-104
75-71-8	Dichlorodifluoromethane	25	30.1	120	28-120
156-59-2	cis-1,2-Dichloroethylene	25	23.3	93	68-113
10061-01-5	cis-1,3-Dichloropropene	25	22.4	90	71-111
541-73-1	m-Dichlorobenzene	25	22.0	88	74-110
95-50-1	o-Dichlorobenzene	25	21.8	87	72-108
106-46-7	p-Dichlorobenzene	25	21.4	86	74-110
156-60-5	trans-1,2-Dichloroethylene	25	23.2	93	70-125
10061-02-6	trans-1,3-Dichloropropene	25	22.1	88	75-111
100-41-4	Ethylbenzene	25	21.6	86	75-112
591-78-6	2-Hexanone	125	86.2	69	60-113

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-BS	M0023290.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
87-68-3	Hexachlorobutadiene	25	23.4	94	72-123
98-82-8	Isopropylbenzene	25	26.8	107	75-123
99-87-6	p-Isopropyltoluene	25	22.8	91	76-116
108-10-1	4-Methyl-2-pentanone	125	92.5	74	63-115
74-83-9	Methyl bromide	25	21.5	86	59-132
74-87-3	Methyl chloride	25	23.7	95	56-150
74-95-3	Methylene bromide	25	21.3	85	68-114
75-09-2	Methylene chloride	25	22.6	90	70-113
78-93-3	Methyl ethyl ketone	125	90.4	72	62-117
1634-04-4	Methyl Tert Butyl Ether	25	19.9	80	65-113
91-20-3	Naphthalene	25	21.6	86	53-127
103-65-1	n-Propylbenzene	25	22.7	91	74-115
100-42-5	Styrene	25	21.3	85	66-100
630-20-6	1,1,1,2-Tetrachloroethane	25	20.6	82	72-108
71-55-6	1,1,1-Trichloroethane	25	23.5	94	76-125
79-34-5	1,1,2,2-Tetrachloroethane	25	21.4	86	67-110
79-00-5	1,1,2-Trichloroethane	25	21.0	84	69-107
87-61-6	1,2,3-Trichlorobenzene	25	21.6	86	51-128
96-18-4	1,2,3-Trichloropropane	25	19.4	78	55-116
120-82-1	1,2,4-Trichlorobenzene	25	21.8	87	63-114
95-63-6	1,2,4-Trimethylbenzene	25	22.2	89	73-111
108-67-8	1,3,5-Trimethylbenzene	25	22.3	89	74-115
127-18-4	Tetrachloroethylene	25	24.0	96	77-120
108-88-3	Toluene	25	21.9	88	77-114
79-01-6	Trichloroethylene	25	22.7	91	74-117
75-69-4	Trichlorofluoromethane	25	24.6	98	64-132
75-01-4	Vinyl chloride	25	26.8	107	64-121
1330-20-7	Xylene (total)	75	65.6	87	75-111
	m,p-Xylene	50	43.8	88	75-112
95-47-6	o-Xylene	25	21.9	88	74-110

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	95%	75-121%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM938-BS	M0023290.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	101%	87-119%
460-00-4	4-Bromofluorobenzene	97%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44344-18MS	M0023222.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18MSD	M0023223.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18	M0023221.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44344-18 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		272	274	101	284	99	4	62-133/34
71-43-2	Benzene	1.6	J	54.4	57.4	103	60.1	102	5	70-114/38
108-86-1	Bromobenzene	ND		54.4	57.5	106	60.5	106	5	73-112/36
74-97-5	Bromochloromethane	ND		54.4	62.8	115*	63.0	110	0	70-110/34
75-27-4	Bromodichloromethane	ND		54.4	67.7	124*	72.9	127*	7	71-104/35
75-25-2	Bromoform	ND		54.4	65.0	120*	67.6	118*	4	72-116/34
104-51-8	n-Butylbenzene	ND		54.4	59.7	110	65.1	114*	9	59-112/40
135-98-8	sec-Butylbenzene	ND		54.4	53.5	98	57.9	101	8	65-112/38
98-06-6	tert-Butylbenzene	ND		54.4	66.6	122*	73.5	128*	10	66-112/38
108-90-7	Chlorobenzene	ND		54.4	56.9	105	59.4	104	4	72-113/37
75-00-3	Chloroethane	ND		54.4	55.2	101	60.2	105	9	51-133/36
67-66-3	Chloroform	ND		54.4	74.8	138*	75.5	132*	1	74-115/35
95-49-8	o-Chlorotoluene	ND		54.4	64.3	118*	69.5	121*	8	70-113/38
106-43-4	p-Chlorotoluene	ND		54.4	66.6	122*	70.2	123*	5	69-114/37
75-15-0	Carbon disulfide	ND		54.4	60.2	111	62.8	110	4	44-112/39
56-23-5	Carbon tetrachloride	ND		54.4	76.2	140*	80.1	140*	5	62-115/38
75-34-3	1,1-Dichloroethane	ND		54.4	65.0	120*	67.8	118*	4	72-116/37
75-35-4	1,1-Dichloroethylene	ND		54.4	67.1	123*	73.0	128*	8	59-122/38
563-58-6	1,1-Dichloropropene	ND		54.4	62.9	116*	67.9	119*	8	61-111/38
96-12-8	1,2-Dibromo-3-chloropropane	ND		54.4	75.1	138*	78.2	137*	4	61-121/40
106-93-4	1,2-Dibromoethane	ND		54.4	58.5	108	63.0	110	7	74-114/33
107-06-2	1,2-Dichloroethane	ND		54.4	80.1	147*	82.7	144*	3	73-109/33
78-87-5	1,2-Dichloropropane	ND		54.4	55.2	101	60.5	106	9	73-111/35
142-28-9	1,3-Dichloropropane	ND		54.4	61.1	112	63.9	112	4	72-112/33
594-20-7	2,2-Dichloropropane	ND		54.4	77.9	143*	81.9	143*	5	63-118/37
124-48-1	Dibromochloromethane	ND		54.4	66.8	123*	69.1	121*	3	74-115/34
75-71-8	Dichlorodifluoromethane	ND		54.4	44.8	82	44.4	78	1	27-104/37
156-59-2	cis-1,2-Dichloroethylene	ND		54.4	62.0	114*	62.0	108	0	69-110/36
10061-01-5	cis-1,3-Dichloropropene	ND		54.4	73.6	135*	76.8	134*	4	75-115/36
541-73-1	m-Dichlorobenzene	ND		54.4	55.2	101	58.3	102	5	69-114/37
95-50-1	o-Dichlorobenzene	ND		54.4	54.3	100	57.8	101	6	74-113/38
106-46-7	p-Dichlorobenzene	ND		54.4	54.9	101	56.4	99	3	70-113/37
156-60-5	trans-1,2-Dichloroethylene	ND		54.4	61.2	113	66.3	116	8	66-119/38
10061-02-6	trans-1,3-Dichloropropene	ND		54.4	77.4	142*	80.0	140*	3	76-122/34
100-41-4	Ethylbenzene	0.98	J	54.4	61.5	111	66.3	114	8	60-119/40
591-78-6	2-Hexanone	ND		272	235	86	256	89	9	61-131/37

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44344-18MS	M0023222.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18MSD	M0023223.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18	M0023221.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44344-18 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		54.4	62.3	115	66.2	116	6	53-123/43
98-82-8	Isopropylbenzene	ND		54.4	63.5	117*	70.5	123*	10	70-114/38
99-87-6	p-Isopropyltoluene	ND		54.4	56.0	103	60.4	106	8	65-113/40
108-10-1	4-Methyl-2-pentanone	ND		272	237	87	256	89	8	64-128/37
74-83-9	Methyl bromide	ND		54.4	59.4	109	60.7	106	2	64-117/36
74-87-3	Methyl chloride	ND		54.4	44.8	82	49.5	86	10	46-139/33
74-95-3	Methylene bromide	ND		54.4	65.3	120*	68.8	120*	5	76-115/35
75-09-2	Methylene chloride	4.2	J	54.4	59.3	101	60.8	99	2	66-113/34
78-93-3	Methyl ethyl ketone	ND		272	269	99	267	93	1	65-129/36
1634-04-4	Methyl Tert Butyl Ether	ND		54.4	69.9	129*	73.3	128	5	58-128/33
91-20-3	Naphthalene	ND		54.4	42.6	78	42.9	75	1	63-127/36
103-65-1	n-Propylbenzene	ND		54.4	63.4	117*	69.1	121*	9	58-115/40
100-42-5	Styrene	ND		54.4	51.0	94	54.2	95	6	65-99/38
630-20-6	1,1,1,2-Tetrachloroethane	ND		54.4	61.7	113*	66.0	115*	7	73-112/36
71-55-6	1,1,1-Trichloroethane	ND		54.4	72.1	133*	78.2	137*	8	65-118/38
79-34-5	1,1,2,2-Tetrachloroethane	ND		54.4	57.3	105	62.8	110	9	65-121/37
79-00-5	1,1,2-Trichloroethane	ND		54.4	56.5	104	59.8	104	6	73-110/34
87-61-6	1,2,3-Trichlorobenzene	ND		54.4	46.5	85	46.3	81	0	45-142/37
96-18-4	1,2,3-Trichloropropane	ND		54.4	55.4	102	62.5	109*	12	68-103/38
120-82-1	1,2,4-Trichlorobenzene	ND		54.4	50.5	93	49.8	87	1	54-125/37
95-63-6	1,2,4-Trimethylbenzene	ND		54.4	59.1	109	63.4	111	7	62-113/41
108-67-8	1,3,5-Trimethylbenzene	ND		54.4	58.3	107	63.2	110	8	62-116/39
127-18-4	Tetrachloroethylene	ND		54.4	63.2	116	67.0	117	6	62-119/40
108-88-3	Toluene	10.8		54.4	65.4	100	71.5	106	9	68-115/38
79-01-6	Trichloroethylene	ND		54.4	62.6	115*	69.8	122*	11	67-113/39
75-69-4	Trichlorofluoromethane	ND		54.4	66.0	121*	68.3	119*	3	57-113/33
75-01-4	Vinyl chloride	ND		54.4	49.9	92	56.4	99	12	50-106/33
1330-20-7	Xylene (total)	14.2	J	163	191	108	204	111	7	61-115/39
	m,p-Xylene	9.4	J	109	133	114	141	115	6	60-115/40
95-47-6	o-Xylene	4.7	J	54.4	58.3	99	62.8	101	7	63-114/37

CAS No.	Surrogate Recoveries	MS	MSD	T44344-18	Limits
1868-53-7	Dibromofluoromethane	92%	90%	95%	70-121%
2037-26-5	Toluene-D8	116%	116%	119%	76-132%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44344-18MS	M0023222.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18MSD	M0023223.D	1	12/24/09	JL	n/a	n/a	VM936
T44344-18	M0023221.D	1	12/24/09	JL	n/a	n/a	VM936

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries	MS	MSD	T44344-18	Limits
460-00-4	4-Bromofluorobenzene	132%	131%	138%	73-165%
17060-07-0	1,2-Dichloroethane-D4	113%	108%	108%	57-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44262-1MS	M0023297.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1MSD	M0023298.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1	M0023296.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	T44262-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	89.8	72	93.0	74	4	62-124/21
71-43-2	Benzene	ND		25	22.7	91	22.3	89	2	76-118/16
108-86-1	Bromobenzene	ND		25	21.5	86	21.1	84	2	72-110/12
74-97-5	Bromochloromethane	ND		25	20.9	84	20.9	84	0	69-110/12
75-27-4	Bromodichloromethane	ND		25	21.9	88	21.8	87	0	68-107/12
75-25-2	Bromoform	ND		25	20.4	82	20.5	82	0	64-103/14
104-51-8	n-Butylbenzene	ND		25	22.0	88	22.2	89	1	74-114/12
135-98-8	sec-Butylbenzene	ND		25	23.2	93	23.0	92	1	76-118/12
98-06-6	tert-Butylbenzene	ND		25	23.0	92	22.8	91	1	72-116/14
108-90-7	Chlorobenzene	ND		25	21.6	86	21.7	87	0	74-111/11
75-00-3	Chloroethane	ND		25	24.1	96	24.8	99	3	75-135/15
67-66-3	Chloroform	ND		25	23.1	92	23.5	94	2	75-117/12
95-49-8	o-Chlorotoluene	ND		25	21.6	86	24.3	97	12	74-113/12
106-43-4	p-Chlorotoluene	ND		25	22.1	88	22.1	88	0	72-114/12
75-15-0	Carbon disulfide	ND		25	24.8	99	24.6	98	1	57-126/13
56-23-5	Carbon tetrachloride	ND		25	24.2	97	24.2	97	0	75-125/12
75-34-3	1,1-Dichloroethane	ND		25	23.0	92	23.0	92	0	76-121/13
75-35-4	1,1-Dichloroethylene	ND		25	25.1	100	25.5	102	2	71-128/19
563-58-6	1,1-Dichloropropene	ND		25	23.9	96	24.2	97	1	76-122/12
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	20.7	83	20.7	83	0	55-121/33
106-93-4	1,2-Dibromoethane	ND		25	20.6	82	21.0	84	2	69-106/13
107-06-2	1,2-Dichloroethane	ND		25	21.8	87	22.1	88	1	70-111/14
78-87-5	1,2-Dichloropropane	ND		25	22.8	91	22.1	88	3	71-113/12
142-28-9	1,3-Dichloropropane	ND		25	21.2	85	20.5	82	3	69-106/12
594-20-7	2,2-Dichloropropane	ND		25	18.4	74	18.5	74	1	68-130/14
124-48-1	Dibromochloromethane	ND		25	21.2	85	21.2	85	0	69-104/12
75-71-8	Dichlorodifluoromethane	ND		25	29.4	118	30.3	121*	3	28-120/21
156-59-2	cis-1,2-Dichloroethylene	ND		25	23.1	92	23.8	95	3	68-113/13
10061-01-5	cis-1,3-Dichloropropene	ND		25	21.8	87	21.7	87	0	71-111/12
541-73-1	m-Dichlorobenzene	ND		25	21.8	87	21.9	88	0	74-110/12
95-50-1	o-Dichlorobenzene	ND		25	22.4	90	22.0	88	2	72-108/12
106-46-7	p-Dichlorobenzene	ND		25	21.7	87	21.6	86	0	74-110/12
156-60-5	trans-1,2-Dichloroethylene	ND		25	23.5	94	23.4	94	0	70-125/14
10061-02-6	trans-1,3-Dichloropropene	ND		25	21.5	86	21.5	86	0	75-111/12
100-41-4	Ethylbenzene	ND		25	22.0	88	21.7	87	1	75-112/12
591-78-6	2-Hexanone	ND		125	85.0	68	87.3	70	3	60-113/18

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44262-1MS	M0023297.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1MSD	M0023298.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1	M0023296.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Compound	T44262-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		25	21.9	88	22.6	90	3	72-123/17
98-82-8	Isopropylbenzene	ND		25	26.5	106	26.2	105	1	75-123/12
99-87-6	p-Isopropyltoluene	ND		25	22.8	91	22.7	91	0	76-116/12
108-10-1	4-Methyl-2-pentanone	ND		125	91.3	73	93.1	74	2	63-115/21
74-83-9	Methyl bromide	ND		25	21.7	87	22.8	91	5	59-132/15
74-87-3	Methyl chloride	ND		25	26.4	106	26.9	108	2	56-150/17
74-95-3	Methylene bromide	ND		25	22.4	90	21.7	87	3	68-114/13
75-09-2	Methylene chloride	ND		25	23.7	95	23.2	93	2	70-113/13
78-93-3	Methyl ethyl ketone	ND		125	98.1	78	80.5	64	20	62-117/21
1634-04-4	Methyl Tert Butyl Ether	ND		25	18.8	75	19.1	76	2	65-113/13
91-20-3	Naphthalene	ND		25	20.8	83	21.4	86	3	53-127/34
103-65-1	n-Propylbenzene	ND		25	23.0	92	22.7	91	1	74-115/12
100-42-5	Styrene	ND		25	20.8	83	20.9	84	0	66-100/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	21.3	85	21.2	85	0	72-108/11
71-55-6	1,1,1-Trichloroethane	ND		25	23.4	94	23.5	94	0	76-125/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	21.1	84	21.6	86	2	67-110/20
79-00-5	1,1,2-Trichloroethane	ND		25	21.8	87	21.0	84	4	69-107/14
87-61-6	1,2,3-Trichlorobenzene	ND		25	20.9	84	21.1	84	1	51-128/31
96-18-4	1,2,3-Trichloropropane	ND		25	19.2	77	19.7	79	3	55-116/27
120-82-1	1,2,4-Trichlorobenzene	ND		25	21.3	85	21.6	86	1	63-114/21
95-63-6	1,2,4-Trimethylbenzene	ND		25	22.4	90	22.6	90	1	73-111/13
108-67-8	1,3,5-Trimethylbenzene	ND		25	22.3	89	22.3	89	0	74-115/12
127-18-4	Tetrachloroethylene	ND		25	22.7	91	22.6	90	0	77-120/13
108-88-3	Toluene	ND		25	22.1	88	22.0	88	0	77-114/12
79-01-6	Trichloroethylene	1.7		25	23.0	85	22.8	84	1	74-117/12
75-69-4	Trichlorofluoromethane	ND		25	25.3	101	25.6	102	1	64-132/18
75-01-4	Vinyl chloride	ND		25	28.2	113	28.9	116	2	64-121/19
1330-20-7	Xylene (total)	ND		75	66.0	88	65.3	87	1	75-111/12
	m,p-Xylene	ND		50	44.0	88	43.3	87	2	75-112/12
95-47-6	o-Xylene	ND		25	22.0	88	22.0	88	0	74-110/11

CAS No.	Surrogate Recoveries	MS	MSD	T44262-1	Limits
1868-53-7	Dibromofluoromethane	100%	102%	101%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	97%	96%	75-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44262-1MS	M0023297.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1MSD	M0023298.D	1	12/29/09	JL	n/a	n/a	VM938
T44262-1	M0023296.D	1	12/28/09	JL	n/a	n/a	VM938

The QC reported here applies to the following samples: **Method:** SW846 8260B

T44344-32

CAS No.	Surrogate Recoveries	MS	MSD	T44262-1	Limits
2037-26-5	Toluene-D8	103%	101%	101%	87-119%
460-00-4	4-Bromofluorobenzene	97%	96%	97%	80-133%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MB	P07778.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	63	ug/kg	
95-57-8	2-Chlorophenol	ND	170	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	30	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	31	ug/kg	
	3&4-Methylphenol	ND	170	93	ug/kg	
88-75-5	2-Nitrophenol	ND	170	38	ug/kg	
100-02-7	4-Nitrophenol	ND	830	410	ug/kg	
87-86-5	Pentachlorophenol	ND	830	68	ug/kg	
108-95-2	Phenol	ND	170	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	52	ug/kg	
83-32-9	Acenaphthene	ND	170	46	ug/kg	
208-96-8	Acenaphthylene	ND	170	39	ug/kg	
62-53-3	Aniline	ND	830	180	ug/kg	
120-12-7	Anthracene	ND	170	32	ug/kg	
92-87-5	Benzidine	ND	1700	300	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	64	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	26	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	31	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	170	45	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	36	ug/kg	
106-47-8	4-Chloroaniline	ND	170	120	ug/kg	
86-74-8	Carbazole	ND	170	31	ug/kg	
218-01-9	Chrysene	ND	170	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	40	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	54	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	47	ug/kg	

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MB	P07778.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	170	28	ug/kg	
122-66-7	1,2-Diphenylhydrazine	ND	170	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	62	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	45	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	72	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	88	ug/kg	
132-64-9	Dibenzofuran	ND	170	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	170	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	170	39	ug/kg	
84-66-2	Diethyl phthalate	ND	170	41	ug/kg	
131-11-3	Dimethyl phthalate	ND	170	48	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	170	71	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	47	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	830	280	ug/kg	
67-72-1	Hexachloroethane	ND	170	43	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	60	ug/kg	
78-59-1	Isophorone	ND	170	36	ug/kg	
90-12-0	1-Methylnaphthalene	ND	170	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	52	ug/kg	
88-74-4	2-Nitroaniline	ND	170	62	ug/kg	
99-09-2	3-Nitroaniline	ND	170	67	ug/kg	
100-01-6	4-Nitroaniline	ND	170	89	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	27	ug/kg	
62-75-9	n-Nitrosodimethylamine	ND	170	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	42	ug/kg	
85-01-8	Phenanthrene	ND	170	45	ug/kg	
129-00-0	Pyrene	ND	170	32	ug/kg	
110-86-1	Pyridine	ND	170	29	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MB	P07778.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	62%	26-124%
4165-62-2	Phenol-d5	70%	19-106%
118-79-6	2,4,6-Tribromophenol	58%	18-129%
4165-60-0	Nitrobenzene-d5	72%	18-104%
321-60-8	2-Fluorobiphenyl	71%	21-114%
1718-51-0	Terphenyl-d14	85%	24-149%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-BS	P07779.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	1670	1260	76	36-112
95-57-8	2-Chlorophenol	1670	1460	88	56-96
59-50-7	4-Chloro-3-methyl phenol	1670	1510	91	50-114
120-83-2	2,4-Dichlorophenol	1670	1510	91	46-110
105-67-9	2,4-Dimethylphenol	1670	1310	79	40-111
51-28-5	2,4-Dinitrophenol	1670	1240	74	47-117
534-52-1	4,6-Dinitro-o-cresol	1670	1470	88	50-111
95-48-7	2-Methylphenol	1670	1350	81	57-99
	3&4-Methylphenol	3330	3030	91	59-100
88-75-5	2-Nitrophenol	1670	1480	89	56-97
100-02-7	4-Nitrophenol	1670	1390	83	60-116
87-86-5	Pentachlorophenol	1670	1510	91	57-153
108-95-2	Phenol	1670	1600	96	56-97
95-95-4	2,4,5-Trichlorophenol	1670	2020	121* [a]	62-104
88-06-2	2,4,6-Trichlorophenol	1670	1620	97	62-104
83-32-9	Acenaphthene	1670	1530	92	53-106
208-96-8	Acenaphthylene	1670	1600	96	61-121
62-53-3	Aniline	1670	1190	71	26-126
120-12-7	Anthracene	1670	1470	88	66-105
56-55-3	Benzo(a)anthracene	1670	1500	90	62-113
50-32-8	Benzo(a)pyrene	1670	1400	84	61-118
205-99-2	Benzo(b)fluoranthene	1670	1670	100	67-110
191-24-2	Benzo(g,h,i)perylene	1670	1900	114	57-124
207-08-9	Benzo(k)fluoranthene	1670	1630	98	65-116
101-55-3	4-Bromophenyl phenyl ether	1670	1470	88	58-108
85-68-7	Butyl benzyl phthalate	1670	1570	94	56-121
100-51-6	Benzyl Alcohol	1670	1540	92	44-108
91-58-7	2-Chloronaphthalene	1670	1240	74	61-100
106-47-8	4-Chloroaniline	1670	1090	65	30-101
86-74-8	Carbazole	1670	1420	85	61-146
218-01-9	Chrysene	1670	1550	93	71-106
111-91-1	bis(2-Chloroethoxy)methane	1670	1440	86	56-96
111-44-4	bis(2-Chloroethyl)ether	1670	1490	89	49-94
108-60-1	bis(2-Chloroisopropyl)ether	1670	1460	88	53-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1570	94	65-101
95-50-1	1,2-Dichlorobenzene	1670	1480	89	55-93

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-BS	P07779.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
122-66-7	1,2-Diphenylhydrazine	1670	1420	85	61-106
541-73-1	1,3-Dichlorobenzene	1670	1460	88	54-91
106-46-7	1,4-Dichlorobenzene	1670	1420	85	54-91
121-14-2	2,4-Dinitrotoluene	1670	1670	100	68-110
606-20-2	2,6-Dinitrotoluene	1670	1600	96	67-107
91-94-1	3,3'-Dichlorobenzidine	1670	974	58	51-140
53-70-3	Dibenzo(a,h)anthracene	1670	1970	118	59-123
132-64-9	Dibenzofuran	1670	1610	97	56-107
84-74-2	Di-n-butyl phthalate	1670	1500	90	56-120
117-84-0	Di-n-octyl phthalate	1670	1680	101	54-115
84-66-2	Diethyl phthalate	1670	1560	94	61-114
131-11-3	Dimethyl phthalate	1670	1520	91	60-107
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1640	98	58-125
206-44-0	Fluoranthene	1670	1590	95	64-114
86-73-7	Fluorene	1670	1570	94	65-99
118-74-1	Hexachlorobenzene	1670	1440	86	58-111
87-68-3	Hexachlorobutadiene	1670	1400	84	47-109
77-47-4	Hexachlorocyclopentadiene	1670	2400	144* [a]	48-120
67-72-1	Hexachloroethane	1670	1390	83	54-97
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1950	117	51-133
78-59-1	Isophorone	1670	1420	85	62-105
90-12-0	1-Methylnaphthalene	1670	1460	88	56-94
91-57-6	2-Methylnaphthalene	1670	1470	88	48-101
88-74-4	2-Nitroaniline	1670	1290	77	52-118
99-09-2	3-Nitroaniline	1670	1340	80	52-127
100-01-6	4-Nitroaniline	1670	1380	83	76-170
91-20-3	Naphthalene	1670	1490	89	57-94
98-95-3	Nitrobenzene	1670	1440	86	57-98
62-75-9	n-Nitrosodimethylamine	1670	1600	96	44-96
621-64-7	N-Nitroso-di-n-propylamine	1670	1640	98	58-104
86-30-6	N-Nitrosodiphenylamine	1670	1260	76	59-124
85-01-8	Phenanthrene	1670	1530	92	66-102
129-00-0	Pyrene	1670	1400	84	49-117
110-86-1	Pyridine	1670	1210	73	18-92
120-82-1	1,2,4-Trichlorobenzene	1670	1400	84	57-95

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-BS	P07779.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	92%	26-124%
4165-62-2	Phenol-d5	98%	19-106%
118-79-6	2,4,6-Tribromophenol	93%	18-129%
4165-60-0	Nitrobenzene-d5	95%	18-104%
321-60-8	2-Fluorobiphenyl	109%	21-114%
1718-51-0	Terphenyl-d14	92%	24-149%

(a) Not detected in associated samples.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MS	P07786.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
OP13706-MSD	P07787.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
T44344-22	P07785.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44344-22 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		1860	1040	56	1170	63	12	36-112/29
95-57-8	2-Chlorophenol	ND		1860	1410	76	1690	92	18	56-96/53
59-50-7	4-Chloro-3-methyl phenol	ND		1860	1640	88	1760	95	7	50-114/48
120-83-2	2,4-Dichlorophenol	ND		1860	1620	87	1740	94	7	46-110/52
105-67-9	2,4-Dimethylphenol	ND		1860	1430	77	1390	75	3	40-111/52
51-28-5	2,4-Dinitrophenol	ND		1860	1190	64	1450	79	20	47-117/32
534-52-1	4,6-Dinitro-o-cresol	ND		1860	1490	80	1710	93	14	50-111/31
95-48-7	2-Methylphenol	ND		1860	1440	77	1610	87	11	57-99/51
	3&4-Methylphenol	ND		3720	3200	86	3630	98	13	59-100/53
88-75-5	2-Nitrophenol	ND		1860	1630	88	1780	96	9	56-97/53
100-02-7	4-Nitrophenol	ND		1860	1420	76	1670	91	16	60-116/32
87-86-5	Pentachlorophenol	ND		1860	1450	78	1750	95	19	57-153/30
108-95-2	Phenol	ND		1860	1560	84	1800	98*	14	56-97/48
95-95-4	2,4,5-Trichlorophenol	ND		1860	1730	93	1740	94	1	62-104/50
88-06-2	2,4,6-Trichlorophenol	ND		1860	1480	80	1480	80	0	62-104/52
83-32-9	Acenaphthene	ND		1860	1540	83	1690	92	9	53-106/49
208-96-8	Acenaphthylene	ND		1860	1620	87	1770	96	9	61-121/49
62-53-3	Aniline	ND		1860	1360	73	1530	83	12	26-126/50
120-12-7	Anthracene	ND		1860	1480	80	1600	87	8	66-105/40
56-55-3	Benzo(a)anthracene	ND		1860	1510	81	1680	91	11	62-113/43
50-32-8	Benzo(a)pyrene	ND		1860	1440	77	1560	85	8	61-118/44
205-99-2	Benzo(b)fluoranthene	ND		1860	1610	87	1800	98	11	67-110/42
191-24-2	Benzo(g,h,i)perylene	ND		1860	1200	65	1370	74	13	57-124/50
207-08-9	Benzo(k)fluoranthene	ND		1860	1730	93	1880	102	8	65-116/37
101-55-3	4-Bromophenyl phenyl ether	ND		1860	1460	79	1550	84	6	58-108/41
85-68-7	Butyl benzyl phthalate	ND		1860	1850	99	2000	108	8	56-121/40
100-51-6	Benzyl Alcohol	ND		1860	1550	83	1760	95	13	44-108/52
91-58-7	2-Chloronaphthalene	ND		1860	1240	67	1210	66	2	61-100/47
106-47-8	4-Chloroaniline	ND		1860	1130	61	1240	67	9	30-101/51
86-74-8	Carbazole	ND		1860	1440	77	1650	89	14	61-146/37
218-01-9	Chrysene	ND		1860	1550	83	1660	90	7	71-106/39
111-91-1	bis(2-Chloroethoxy)methane	ND		1860	1670	90	1760	95	5	56-96/49
111-44-4	bis(2-Chloroethyl)ether	ND		1860	1410	76	1740	94	21	49-94/49
108-60-1	bis(2-Chloroisopropyl)ether	ND		1860	1540	83	1710	93	10	53-103/48
7005-72-3	4-Chlorophenyl phenyl ether	ND		1860	1590	86	1610	87	1	65-101/43
95-50-1	1,2-Dichlorobenzene	ND		1860	1580	85	1760	95*	11	55-93/48

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MS	P07786.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
OP13706-MSD	P07787.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
T44344-22	P07785.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44344-22 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
122-66-7	1,2-Diphenylhydrazine	ND		1860	1400	75	1620	88	15	61-106/43
541-73-1	1,3-Dichlorobenzene	ND		1860	1460	79	1640	89	12	54-91/47
106-46-7	1,4-Dichlorobenzene	ND		1860	1460	79	1630	88	11	54-91/48
121-14-2	2,4-Dinitrotoluene	ND		1860	1740	94	1910	104	9	68-110/32
606-20-2	2,6-Dinitrotoluene	ND		1860	1630	88	1740	94	7	67-107/45
91-94-1	3,3'-Dichlorobenzidine	ND		1860	867	47*	1090	59	23	51-140/42
53-70-3	Dibenzo(a,h)anthracene	ND		1860	1260	68	1440	78	13	59-123/37
132-64-9	Dibenzofuran	ND		1860	1630	88	1770	96	8	56-107/43
84-74-2	Di-n-butyl phthalate	ND		1860	1540	83	1660	90	8	56-120/37
117-84-0	Di-n-octyl phthalate	ND		1860	2030	109	2310	125*	13	54-115/30
84-66-2	Diethyl phthalate	ND		1860	1610	87	1730	94	7	61-114/38
131-11-3	Dimethyl phthalate	ND		1860	1540	83	1560	85	1	60-107/39
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1860	1910	103	1970	107	3	58-125/48
206-44-0	Fluoranthene	ND		1860	1590	86	1730	94	8	64-114/45
86-73-7	Fluorene	ND		1860	1610	87	1700	92	5	65-99/42
118-74-1	Hexachlorobenzene	ND		1860	1450	78	1510	82	4	58-111/39
87-68-3	Hexachlorobutadiene	ND		1860	1490	80	1620	88	8	47-109/48
77-47-4	Hexachlorocyclopentadiene	ND		1860	1930	104	2060	112	7	48-120/52
67-72-1	Hexachloroethane	ND		1860	1460	79	1670	91	13	54-97/56
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1860	1270	68	1450	79	13	51-133/55
78-59-1	Isophorone	ND		1860	1560	84	1700	92	9	62-105/51
90-12-0	1-Methylnaphthalene	ND		1860	1450	78	1670	91	14	56-94/49
91-57-6	2-Methylnaphthalene	ND		1860	1650	89	1680	91	2	48-101/48
88-74-4	2-Nitroaniline	ND		1860	1290	69	1350	73	5	52-118/42
99-09-2	3-Nitroaniline	ND		1860	1400	75	1670	91	18	52-127/32
100-01-6	4-Nitroaniline	ND		1860	1320	71*	1670	91	23	76-170/31
91-20-3	Naphthalene	ND		1860	1560	84	1690	92	8	57-94/49
98-95-3	Nitrobenzene	ND		1860	1630	88	1730	94	6	57-98/52
62-75-9	n-Nitrosodimethylamine	ND		1860	1580	85	1790	97*	12	44-96/54
621-64-7	N-Nitroso-di-n-propylamine	ND		1860	1760	95	2010	109*	13	58-104/48
86-30-6	N-Nitrosodiphenylamine	ND		1860	1260	68	1390	75	10	59-124/41
85-01-8	Phenanthrene	ND		1860	1540	83	1660	90	8	66-102/47
129-00-0	Pyrene	ND		1860	1700	91	1750	95	3	49-117/46
110-86-1	Pyridine	ND		1860	1390	75	1550	84	11	18-92/46
120-82-1	1,2,4-Trichlorobenzene	ND		1860	1480	80	1590	86	7	57-95/51

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13706-MS	P07786.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
OP13706-MSD	P07787.D	1	12/21/09	GJ	12/18/09	OP13706	EP373
T44344-22	P07785.D	1	12/21/09	GJ	12/18/09	OP13706	EP373

The QC reported here applies to the following samples: **Method:** SW846 8270C

T44344-26, T44344-27, T44344-28

CAS No.	Surrogate Recoveries	MS	MSD	T44344-22	Limits
367-12-4	2-Fluorophenol	82%	94%	79%	26-124%
4165-62-2	Phenol-d5	85%	98%	87%	19-106%
118-79-6	2,4,6-Tribromophenol	84%	88%	78%	18-129%
4165-60-0	Nitrobenzene-d5	96%	100%	85%	18-104%
321-60-8	2-Fluorobiphenyl	85%	78%	92%	21-114%
1718-51-0	Terphenyl-d14	102%	101%	103%	24-149%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2563-MB	EE050780.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.32	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	46-127%
98-08-8	aaa-Trifluorotoluene	106%	44-120%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GEE2563-BS	EE050776.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.391	98	76-109

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	46-127%
98-08-8	aaa-Trifluorotoluene	113%	44-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T44430-15MS	EE050796.D	1	12/26/09	FI	n/a	n/a	GEE2563
T44430-15MSD	EE050797.D	1	12/26/09	FI	n/a	n/a	GEE2563
T44430-15	EE050795.D	1	12/26/09	FI	n/a	n/a	GEE2563

The QC reported here applies to the following samples: **Method:** OA-1

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44430-15 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	28.7		28.5	57.8	102	58.3	104	1	76-109/30

CAS No.	Surrogate Recoveries	MS	MSD	T44430-15	Limits
460-00-4	4-Bromofluorobenzene	124%	104%	124%	46-127%
98-08-8	aaa-Trifluorotoluene	120%	120%	119%	44-120%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13716-MB	CC217105.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	6.6	0.29	mg/kg	
	TPH (Kerosene)	ND	6.6	0.27	mg/kg	
	TPH (Mineral Spirits)	ND	6.6	0.34	mg/kg	
	TPH (Motor Oil)	ND	6.6	0.61	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	39%	25-123%

Blank Spike Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13716-BS	CC217106.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44344-26, T44344-27, T44344-28

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (Diesel)	33.2	22.3	67	29-124

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	44%	25-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T44344A
Account: TTETMOKC Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13716-MS	CC217107.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025
OP13716-MSD	CC217108.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025
T44344-19	CC217118.D	1	12/23/09	SS	12/21/09	OP13716	GCC1025

The QC reported here applies to the following samples: **Method:** OA-2

T44344-26, T44344-27, T44344-28

CAS No.	Compound	T44344-19 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		34.6	25.0	72	23.3	67	7	29-124/33

CAS No.	Surrogate Recoveries	MS	MSD	T44344-19	Limits
84-15-1	o-Terphenyl	45%	40%	39%	25-123%

8.3.1

8

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.82	2.2		
Antimony	0.50	.11	.14		
Arsenic	0.50	.089	.1	0.099	<0.50
Barium	10	.007	.03	0.0060	<10
Beryllium	0.25	.0055	.01		
Boron	5.0	.054	.11		
Cadmium	0.25	.013	.05	0.0065	<0.25
Calcium	250	.27	.86		
Chromium	0.50	.055	.035	-0.063	<0.50
Cobalt	2.5	.025	.09		
Copper	1.3	.029	.065		
Iron	5.0	.65	1.1		
Lead	0.50	.079	.2	-0.047	<0.50
Magnesium	250	.34	.58		
Manganese	0.75	.01	.035		
Molybdenum	0.50	.048	.075		
Nickel	2.0	.048	.065		
Potassium	250	2.7	16		
Selenium	0.50	.16	.12	0.069	<0.50
Silver	0.50	.043	.04	0.020	<0.50
Sodium	250	6.5	13		
Strontium	1.0	.0085	.025		
Thallium	0.50	.16	.25		
Tin	1.0	.09	.12		
Titanium	1.0	.015	.045		
Vanadium	2.5	.03	.06		
Zinc	1.0	.025	.2		

Associated samples MP10881: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:			12/24/09					12/24/09	
Metal	T44432-1 Original	DUP	RPD	QC Limits	T44432-1 Original	MS	Spikelot MPTW4	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic	2.7	2.4	11.8	0-20	2.7	30.6	28.6	97.6	80-120
Barium	29.1	28.5	2.1	0-20	29.1	57.0	28.6	97.6	80-120
Beryllium									
Boron									
Cadmium	0.13	0.11	16.7	0-20	0.13	25.1	28.6	87.4	80-120
Calcium									
Chromium	10.3	9.6	7.0	0-20	10.3	36.1	28.6	90.3	80-120
Cobalt									
Copper									
Iron									
Lead	3.7	3.5	5.6	0-20	3.7	28.8	28.6	87.8	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium	0.25	0.24	4.1	0-20	0.25	28.9	28.6	100.2	80-120
Silver	0.0	0.0	NC	0-20	0.0	27.9	28.6	97.6	80-120
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP10881: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	T44432-1 Original	MSD	Spikelot MPTW4	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.7	21.0	26.8	68.2N	37.2 (a)	20
Barium	29.1	39.1	26.8	37.3N	37.3 (a)	20
Beryllium						
Boron						
Cadmium	0.13	17.8	26.8	65.8N	34.0 (a)	20
Calcium						
Chromium	10.3	24.4	26.8	52.5N	38.7 (a)	20
Cobalt						
Copper						
Iron						
Lead	3.7	20.5	26.8	62.6N	33.7 (a)	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium	0.25	20.4	26.8	75.1N	34.5 (a)	20
Silver	0.0	21.6	26.8	80.5	25.5 (a)	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP10881: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High RPD due to possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/24/09

Metal	LCS Result	Spikelot MPLCD054	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	154	158	97.5	82-118
Barium	347	348	99.7	81-119
Beryllium				
Boron				
Cadmium	172	187	92.0	82-118
Calcium				
Chromium	87.6	89.5	97.9	79-121
Cobalt				
Copper				
Iron				
Lead	151	172	87.8	79-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	148	148	100.0	78-121
Silver	65.4	66	99.1	66-134
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP10881: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10881
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/24/09

Metal	T44432-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	41.1	33.4	18.8 (a)	0-10
Barium	451	477	5.8	0-10
Beryllium				
Boron				
Cadmium	1.94	1.63	16.0 (a)	0-10
Calcium				
Chromium	159	170	6.5	0-10
Cobalt				
Copper				
Iron				
Lead	57.8	65.2	12.7 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium	3.94	17.2	335.3(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP10881: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10895
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/28/09

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.017	.0041	.00066	-0.0088	<0.017

Associated samples MP10895: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10895
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/28/09 12/28/09

Metal	T44344-26 Original	DUP	RPD	QC Limits	T44344-26 Original	MS	Spikelot HGTXWS1	% Rec	QC Limits
Mercury	0.0	0.0	NC	0-20	0.0	0.25	0.257	97.1	75-125

Associated samples MP10895: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10895
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/28/09

Metal	T44344-26 Original	MSD	Spikelot HGTXWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.24	0.256	93.8	4.1	

Associated samples MP10895: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

QC Batch ID: MP10895
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 12/28/09

Metal	LCS Result	Spikelot HGLCD054	% Rec	QC Limits
Mercury	7.2	7.34	98.1	72-128

Associated samples MP10895: T44344-26, T44344-27, T44344-28

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.2.3

9

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T44344A
Account: TTETMOKC - Tetra Tech EM, Inc.
Project: Farmers Co-op Supply Site

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Solids, Percent	GN19602	T44344-5	%	84.6	85.1	0.6	0-5%
Solids, Percent	GN19603	T44344-27	%	81.6	81.9	0.4	0-5%
pH	GN19609	T44344-31	su	12.10	12.10	0.0	0-20%

Associated Samples:
Batch GN19602: T44344-26
Batch GN19603: T44344-27, T44344-28
Batch GN19609: T44344-26, T44344-27, T44344-28
(*) Outside of QC limits

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0005764.D	1	12/19/09	AP	n/a	n/a	VC264
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.050	0.0047	mg/l	
71-43-2	Benzene	ND	0.0020	0.00050	mg/l	
108-86-1	Bromobenzene	ND	0.0020	0.00082	mg/l	
74-97-5	Bromochloromethane	ND	0.0020	0.0016	mg/l	
75-27-4	Bromodichloromethane	ND	0.0020	0.00049	mg/l	
75-25-2	Bromoform	ND	0.0020	0.0014	mg/l	
104-51-8	n-Butylbenzene	ND	0.0020	0.00063	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0020	0.00052	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0020	0.0013	mg/l	
108-90-7	Chlorobenzene	ND	0.0020	0.00056	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00092	mg/l	
67-66-3	Chloroform	ND	0.0020	0.00064	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0020	0.00070	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0020	0.00056	mg/l	
75-15-0	Carbon disulfide	ND	0.0020	0.00053	mg/l	
56-23-5	Carbon tetrachloride	ND	0.0020	0.00066	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0020	0.00052	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.00050	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0020	0.00078	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.0019	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00055	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0020	0.00062	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0020	0.00054	mg/l	
594-20-7	2,2-Dichloropropane	ND	0.0020	0.00062	mg/l	
124-48-1	Dibromochloromethane	ND	0.0020	0.00061	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.0011	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	0.00048	mg/l	
541-73-1	m-Dichlorobenzene	ND	0.0020	0.0010	mg/l	
95-50-1	o-Dichlorobenzene	ND	0.0020	0.00069	mg/l	
106-46-7	p-Dichlorobenzene	ND	0.0020	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	0.0020	0.00045	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	0.00068	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00055	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0032	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.0013	mg/l	
98-82-8	Isopropylbenzene	ND	0.0020	0.00051	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0020	0.00065	mg/l	
108-10-1	4-Methyl-2-pentanone	ND	0.010	0.0099	mg/l	
74-83-9	Methyl bromide	ND	0.0020	0.00094	mg/l	
74-87-3	Methyl chloride	ND	0.0020	0.00084	mg/l	
74-95-3	Methylene bromide	ND	0.0020	0.00065	mg/l	
75-09-2	Methylene chloride	ND	0.0050	0.00041	mg/l	
78-93-3	Methyl ethyl ketone	ND	0.010	0.0039	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0020	0.00073	mg/l	
91-20-3	Naphthalene	ND	0.0050	0.00065	mg/l	
103-65-1	n-Propylbenzene	ND	0.0020	0.00057	mg/l	
100-42-5	Styrene	ND	0.0020	0.00056	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	0.00080	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00062	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	0.0012	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	0.00098	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.0011	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.0013	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00082	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00065	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00070	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0020	0.00091	mg/l	
108-88-3	Toluene	0.00044	0.0020	0.00043	mg/l	J
79-01-6	Trichloroethylene	ND	0.0020	0.00052	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.0012	mg/l	
75-01-4	Vinyl chloride	ND	0.0020	0.0010	mg/l	
1330-20-7	Xylene (total)	ND	0.0060	0.0017	mg/l	
	m,p-Xylene	ND	0.0040	0.0011	mg/l	
95-47-6	o-Xylene	ND	0.0020	0.00053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		79-122%
17060-07-0	1,2-Dichloroethane-D4	116%		75-121%
2037-26-5	Toluene-D8	112%		87-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		80-133%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J150085.D	1	12/22/09	SC	12/21/09	OP13717	EJ689
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	0.011	0.0052	mg/l	
95-57-8	2-Chlorophenol	ND	0.0053	0.0013	mg/l	
59-50-7	4-Chloro-3-methyl phenol	ND	0.0053	0.0012	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0053	0.0023	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0053	0.0013	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.026	0.016	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.011	0.0014	mg/l	
95-48-7	2-Methylphenol	ND	0.0053	0.00088	mg/l	
	3&4-Methylphenol	ND	0.0053	0.0017	mg/l	
88-75-5	2-Nitrophenol	ND	0.0053	0.0021	mg/l	
100-02-7	4-Nitrophenol	ND	0.026	0.0070	mg/l	
87-86-5	Pentachlorophenol	ND	0.026	0.014	mg/l	
108-95-2	Phenol	ND	0.0053	0.00079	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0053	0.0012	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0053	0.0012	mg/l	
83-32-9	Acenaphthene	ND	0.0053	0.0016	mg/l	
208-96-8	Acenaphthylene	ND	0.0053	0.0013	mg/l	
62-53-3	Aniline	ND	0.0053	0.0048	mg/l	
120-12-7	Anthracene	ND	0.0053	0.0012	mg/l	
92-87-5	Benzidine	ND	0.026	0.0063	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0011	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0053	0.0011	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0053	0.00091	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0053	0.0017	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0053	0.0011	mg/l	
101-55-3	4-Bromophenyl phenyl ether	ND	0.0053	0.0015	mg/l	
85-68-7	Butyl benzyl phthalate	ND	0.0053	0.0017	mg/l	
100-51-6	Benzyl Alcohol	ND	0.0053	0.0014	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0053	0.0015	mg/l	
106-47-8	4-Chloroaniline	ND	0.0053	0.0045	mg/l	
86-74-8	Carbazole	ND	0.0053	0.0016	mg/l	
218-01-9	Chrysene	ND	0.0053	0.0010	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0053	0.0014	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0053	0.0014	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0053	0.0021	mg/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.0053	0.0014	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
122-66-7	1,2-Diphenylhydrazine	ND	0.0053	0.0014	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0053	0.0013	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0053	0.0014	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0053	0.0015	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0053	0.0014	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.011	0.0034	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0053	0.0016	mg/l	
132-64-9	Dibenzofuran	ND	0.0053	0.0014	mg/l	
84-74-2	Di-n-butyl phthalate	ND	0.0053	0.0011	mg/l	
117-84-0	Di-n-octyl phthalate	ND	0.0053	0.0014	mg/l	
84-66-2	Diethyl phthalate	ND	0.0053	0.0011	mg/l	
131-11-3	Dimethyl phthalate	ND	0.0053	0.0011	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.0053	0.0019	mg/l	
206-44-0	Fluoranthene	ND	0.0053	0.0010	mg/l	
86-73-7	Fluorene	ND	0.0053	0.0014	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0053	0.0014	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0053	0.0012	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.011	0.0054	mg/l	
67-72-1	Hexachloroethane	ND	0.0053	0.0010	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0053	0.0019	mg/l	
78-59-1	Isophorone	ND	0.0053	0.0013	mg/l	
90-12-0	1-Methylnaphthalene	ND	0.0053	0.0011	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0053	0.0013	mg/l	
88-74-4	2-Nitroaniline	ND	0.0053	0.0015	mg/l	
99-09-2	3-Nitroaniline	ND	0.0053	0.0035	mg/l	
100-01-6	4-Nitroaniline	ND	0.0053	0.0025	mg/l	
91-20-3	Naphthalene	ND	0.0053	0.0012	mg/l	
98-95-3	Nitrobenzene	ND	0.0053	0.0018	mg/l	
62-75-9	n-Nitrosodimethylamine	ND	0.0053	0.0010	mg/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.0053	0.0015	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0053	0.0018	mg/l	
85-01-8	Phenanthrene	ND	0.0053	0.0010	mg/l	
129-00-0	Pyrene	ND	0.0053	0.0017	mg/l	
110-86-1	Pyridine	ND	0.0053	0.0010	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0013	mg/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-66%
4165-62-2	Phenol-d5	37%		10-53%
118-79-6	2,4,6-Tribromophenol	85%		32-128%
4165-60-0	Nitrobenzene-d5	73%		29-115%
321-60-8	2-Fluorobiphenyl	89%		34-113%
1718-51-0	Terphenyl-d14	87%		12-145%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	OA-1	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EE050738.D	1	12/24/09	FI	n/a	n/a	GEE2561
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.0064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		42-123%
98-08-8	aaa-Trifluorotoluene	108%		51-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
Method:	OA-2 SW846 3510C	**Percent Solids:**	n/a
Project:	Beatrice Concrete Company Site		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CC217188.D	1	12/28/09	SS	12/22/09	OP13724	GCC1027
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TEH

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.012	mg/l	
	TPH (Kerosene)	ND	0.10	0.012	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.013	mg/l	
	TPH (Motor Oil)	ND	0.10	0.0081	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	46%		21-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29	**Date Sampled:**	12/16/09
Matrix:	AQ - Ground Water	**Date Received:**	12/17/09
		Percent Solids:	n/a
Project:	Beatrice Concrete Company Site		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.0075	0.0040	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.27	0.010	0.0015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.0015	0.00050	0.00015	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.012	0.010	0.00089	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.012	0.0025	0.000017	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/28/09	12/28/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.013	0.0020	0.00083	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/12/10	01/14/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA317
(2) Instrument QC Batch: MA4463
(3) Prep QC Batch: D:MP1090
(4) Prep QC Batch: MP10893

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	GW-2		
Lab Sample ID:	T44344-29A	**Date Sampled:**	12/16/09
Matrix:	AQ - Groundwater Filtered	**Date Received:**	12/17/09
		Percent Solids:	n/a
Project:	Beatrice Concrete Company Site		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	0.0016 J	0.0040	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Barium [a]	0.085	0.010	0.0015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Cadmium [a]	0.00015 U	0.00050	0.00015	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Chromium [a]	0.0014 J	0.010	0.00089	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Lead [a]	0.00010 J	0.0025	0.000017	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Mercury	0.094 U	0.20	0.094	ug/l	1	12/28/09	12/28/09	TW	SW846 7470A [2]	SW846 7470A [4]
Selenium [a]	0.010	0.0020	0.00083	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]
Silver [a]	0.00029 U	0.00050	0.00029	mg/l	1	01/16/10	01/16/10		SW846 6020 [1]	SW846 3010A [3]

(1) Instrument QC Batch: D:MA324
(2) Instrument QC Batch: MA4463
(3) Prep QC Batch: D:MP1107
(4) Prep QC Batch: MP10893

(a) Analysis performed at Accutest Laboratories, Wheat Ridge, CO.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

APPENDIX E

SAMPLE RESULT TABLES

TABLE E-1

VOC Soil Results (mg/kg)														
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**Acetone**	**Benzene**	**Carbon disulfide**	**Isopropylbenzene (cumene)**	**Methyl ethyl ketone ((2-Butanone)**	**Methylene chloride**	**N-butylbenzene**	**N-Propylbenzene**	**sec-Butylbenzene**	**Tetrachloroethylene**	**Toluene**
FRM-SB-01a	T44344-26	SB-1	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-02a	T44344-27	SB-2	2-4 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-02b	T44344-28	SB-2	14-16 ft bgs	ND	ND	ND	ND	ND	0.0047 J	ND	ND	ND	ND	ND
FRM-SB-03a	T44430-14	SB-3	0-2 ft bgs	ND	ND	ND	ND	ND	0.0061 J	ND	ND	ND	ND	ND
FRM-SB-03b	T44430-15	SB-3	14-16 ft bgs	0.113	ND	0.0069 J	0.0391	0.0268 J	0.0038 J	0.0584	0.0964	0.124	ND	ND
FRM-SB-04a	T44430-16	SB-4	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-04b	T44430-17	SB-4	14-16 ft bgs	ND	0.0016 J	ND	ND	ND	0.0042 J	ND	ND	ND	ND	0.0031 J
FRM-SB-05a	T44430-5	SB-5	2-4 ft bgs	0.0429 J	ND	ND	ND	ND	0.0054 J	ND	ND	0.0028 J	ND	ND
FRM-SB-05b	T44430-6	SB-5	18-20 ft bgs	0.0418 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-06a	T44430-8	SB-6	0-2 ft bgs	ND	ND	ND	ND	ND	0.0052 J	ND	ND	ND	ND	ND
FRM-SB-06b	T44430-9	SB-6	18-20 ft bgs	ND	ND	0.0178	0.028	ND	0.0047 J	0.0171	ND	0.154	ND	ND
FRM-SB-07a	T44430-11	SB-7 (background)	0-2 ft bgs	0.0214 J	ND	ND	ND	ND	0.0051 J	ND	ND	ND	0.0012 J	ND
FRM-SB-07b	T44430-12	SB-7 (background)	14-16 ft bgs	0.0110 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nebraska VCP RGs *(Residential Soils) in mg/kg*				**18,000**	**0.92**	**230**	**360**	**8,400**	**13**	**780**	**780**	**780**	**0.6**	**430**
Nebraska VCP RGs *(Industrial Soils) in mg/kg*				**100,000**	**16**	**1,400**	**2,400**	**100,000**	**240**	**41,000**	**41,000**	**41,000**	**15**	**2,700**

Notes:

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
ID	Identification
J	Estimated value
mg/kg	Milligrams per kilogram
ND	Not detected above laboratory reporting limit
NE	Not established for this analyte
RG	Remediation goal
SB	Soil boring
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound

TABLE E-2

SVOC Soil Results (mg/kg)																				
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**1-Methylnapthalene**	**2-Methylnapthalene**	**Acenapthene**	**Anthracene**	**Benzo(a)anthracene**	**Benzo(a)pyrene**	**Benzo(b)fluoranthene**	**Benzo(g,h,i)perylene**	**Benzo(k)fluoranthene**	**Carbazole**	**Chrysene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd)pyrene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
FRM-SB-01a	T44344-26	SB-1	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-02a	T44344-27	SB-2	2-4 ft bgs	0.122 J	0.0913 J	ND	0.0458 J	0.369	0.468	0.715	0.425	0.405	0.0383 J	0.681	1.11	.111 J	0.306	0.111 J	1.39	1.72
FRM-SB-02b	T44344-28	SB-2	14-16 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-03a	T44430-14	SB-3	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-03b	T44430-15	SB-3	14-16 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-04a	T44430-16	SB-4	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-04b	T44430-17	SB-4	14-16 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-05a	T44430-5	SB-5	2-4 ft bgs	2.45	3.43	0.337	0.102 J	ND	ND	ND	ND	ND	ND	0.0526 J	0.0764 J	0.36	ND	0.422	1.74	0.102 J
FRM-SB-05b	T44430-6	SB-5	18-20 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-06a	T44430-8	SB-6	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-06b	T44430-9	SB-6	18-20 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-07a	T44430-11	SB-7 (background)	0-2 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-SB-07b	T44430-12	SB-7 (background)	14-16 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nebraska VCP RGs *(Residential Soils)* in (mg/kg)				**NE**	**NE**	**1,200**	**5,900**	**0.62**	**0.062**	**0.62**	**NE**	**6.2**	**24**	**62**	**570**	**780**	**0.62**	**36**	**NE**	**590**
Nebraska VCP RGs *(Industrial Soils)* in (mg/kg)				**NE**	**NE**	**61,000**	**100,000**	**21**	**2.1**	**21**	**NE**	**210**	**860**	**2,100**	**22,000**	**41,000**	**21**	**220**	**NE**	**31,000**

Notes: Shaded results equal or exceed a Nebraska benchmark for residential or industrial soils.

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
ID	Identification
J	Estimated value
mg/kg	Milligrams per kilogram
ND	Not detected above laboratory reporting limit
NE	Not established for this analyte
RG	Remediation goal
SB	Soil boring
SVOC	Semi-volatile organic compound
VCP	Voluntary Cleanup Program

TABLE E-3

TPH IN SOIL					
				Soil results in mg/kg	
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**TPH-GRO**	**TPH-DRO**
FRM-SB-01a	T44344-26	SB-1	0-2 ft bgs	ND	ND
FRM-SB-02a	T44344-27	SB-2	2-4 ft bgs	ND	ND
FRM-SB-02b	T44344-28	SB-2	14-16 ft bgs	ND	ND
FRM-SB-03a	T44430-14	SB-3	0-2 ft bgs	ND	17.7 (mineral spirits)
FRM-SB-03b	T44430-15	SB-3	14-16 ft bgs	28.7	68.9 (mineral spirits)
FRM-SB-04a	T44430-16	SB-4	0-2 ft bgs	ND	ND
FRM-SB-04b	T44430-17	SB-4	14-16 ft bgs	ND	ND
FRM-SB-05a	T44430-5	SB-5	2-4 ft bgs	123	347 (diesel)
FRM-SB-05b	T44430-6	SB-5	18-20 ft bgs	ND	ND
FRM-SB-06a	T44430-8	SB-6	0-2 ft bgs	ND	ND
FRM-SB-06b	T44430-9	SB-6	18-20 ft bgs	380	32 (diesel)
FRM-SB-07a	T44430-11	SB-7 (background)	0-2 ft bgs	ND	22.3 (mineral spirits)
FRM-SB-07b	T44430-12	SB-7 (background)	14-16 ft bgs	ND	12 (mineral spirits)
TPH IN GROUNDWATER					
				Groundwater results in mg/L	
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**TPH-GRO**	**TPH-DRO**
FRM-GW-2	T44344-29	SB-2	20 - 24 ft bgs	ND	ND
FRM-GW-5	T44430-7	SB-5	20 - 24 ft bgs	ND	0.188 (mineral spirits)
FRM-GW-6	T44430-10	SB-6	24 - 28 ft bgs	3.21	0.266 (mineral spirits)
FRM-GW-7	T44430-13	SB-7 (background)	18 - 22 ft bgs	ND	ND

Notes:

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
GW	Groundwater sample
ID	Identification
J	Estimated value
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
ND	Not detected above laboratory reporting limit
TPH-DRO	Total Petroleum Hydrocarbons – Diesel Range Organics
TPH-GRO	Total Petroleum Hydrocarbons – Gasoline Range Organics
SB	Soil boring
SVOC	Semi-volatile organic compound

TABLE E-4

Total Metals - Soil results (mg/kg)										
Sample ID	**Lab Sample ID**		**Depth Interval**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Lead**	**Mercury**	**Silver**
FRM-SB-01a	T44344-26	SB-1	0-2 ft bgs	3.2	60.2	0.2 J	6.7	13.2	ND	0.069 J
FRM-SB-02a	T44344-27	SB-2	2-4 ft bgs	5	161	0.41	12.1	93.8	0.13	.24 J
FRM-SB-02b	T44344-28	SB-2	14-16 ft bgs	6.3	205	0.28 J	19.8	11.4	0.017 J	0.23 J
FRM-SB-03a	T44430-14	SB-3	0-2 ft bgs	5.4	199	0.16 J	17.6	9.5	ND	0.16 J
FRM-SB-03b	T44430-15	SB-3	14-16 ft bgs	8.9	292	0.54	21.8	14.6	0.041	0.26 J
FRM-SB-04a	T44430-16	SB-4	0-2 ft bgs	7.5	161	0.87	17.2	27.8	0.039	0.31 J
FRM-SB-04b	T44430-17	SB-4	14-16 ft bgs	4.5	254	0.54	20	11.4	0.003 J	0.26 J
FRM-SB-05a	T44430-5	SB-5	2-4 ft bgs	8.9	250	0.48	18.7	18.3	0.041	0.27 J
FRM-SB-05b	T44430-6	SB-5	18-20 ft bgs	4.9	219	0.25 J	16.2	11.2	0.0025 J	0.2 J
FRM-SB-06a	T44430-8	SB-6	0-2 ft bgs	7.7	248	0.35	20.1	17.3	0.024	0.24 J
FRM-SB-06b	T44430-9	SB-6	18-20 ft bgs	5.3	350	0.45	19	14.2	0.012 J	0.24 J
FRM-SB-07a	T44430-11	SB-7 (background)	0-2 ft bgs	5	237	0.23 J	17.8	9.5	0.0076 J	0.21 J
FRM-SB-07b	T44430-12	SB-7 (background)	14-16 ft bgs	5.3	255	0.17 J	17.1	8.8	0.023	0.14 J
Nebraska VCP RGs *(Residential Soils)* in mg/kg				**0.39**	**1400**	**9.3**	**34**	**400**	**5.9**	**98**
Nebraska VCP RGs *(Industrial Soils)* in mg/kg				**16**	**66000**	**450**	**580**	**750**	**310**	**5100**

Notes:

Shaded results equal or exceed a Nebraska benchmark for residential or industrial soils.

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
ID	Identification
J	Estimated value
mg/kg	Milligrams per kilogram
ND	Not detected above laboratory reporting limit
RG	Remediation goal
SB	Soil boring
VCP	Voluntary Cleanup Program

TABLE E-5

VOC Groundwater results (µg/L)																	
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**Benzene**	**Ethylbenzene**	**Isopropylbenzene**	**m,p-Xylene**	**Methyl tert butyl ether**	**Napthalene**	**N-butylbenzene**	**N-Propylbenzene**	**o-Xylene**	**Tetrachloroethylene**	**Toluene**	**Xylene (total)**
FRM-GW-2	T44344-29	SB-2	20 - 24 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44 J	ND
FRM-GW-5	T44430-7	SB-5	20 - 24 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FRM-GW-6	T44430-10	SB-6	24 - 28 ft bgs	40.7	7.3	392	7.8	22.5	68.9	592	13.4	26.6	44.9	4.9	ND	8.5	73.8
FRM-GW-7	T44430-13	SB-7 (background)	18 - 22 ft bgs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND
Nebraska VCP Groundwater RGs in µg/L				**3.1**	**3.1**	**5**	**700**	**170**	**NE**	**3.9**	**1.5**	**370**	**370**	**NE**	**5**	**1,000**	**10,000**

Notes:

Shaded results equal or exceed a Nebraska benchmark for groundwater or tapwater.

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
GW	Groundwater sample
ID	Identification
J	Estimated value
µg/L	Micrograms per liter
ND	Not detected above laboratory reporting limit
NE	Not established for this analyte
RG	Remediation goal
SB	Soil boring
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound

TABLE E-6

SVOC Water results (µg/L)							
Sample ID	**Lab Sample ID**	**Sample Location**	**Depth Interval**	**1-Methylnapthalene**	**bis(2-ethylhexyl)phthalate**	**Naphthalene**	**Phenol**
FRM-GW-2	T44344-29	SB-2	20 - 24 ft bgs	ND	ND	ND	ND
FRM-GW-5	T44430-7	SB-5	20 - 24 ft bgs	ND	2.4 J	ND	ND
FRM-GW-6	T44430-10	SB-6	24 - 28 ft bgs	3.5 J	4.1 J	2.7 J	4.5 J
FRM-GW-7	T44430-13	SB-7 (background)	18 - 22 ft bgs	ND	3.0 J	ND	ND
Nebraska VCP RG for Groundwater in µg/L				**NE**	**6**	**1.5**	**2,700**

Notes:

Shaded results equal or exceed a Nebraska benchmark for groundwater or tapwater.

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
GW	Groundwater sample
ID	Identification
J	Estimated value
µg/L	Micrograms per liter
ND	Not detected above laboratory reporting limit
NE	Not established for this analyte
RG	Remediation goal
SB	Soil boring
SVOC	Semi-volatile organic compound
VCP	Voluntary Cleanup Program

TABLE E-7

Total Metals - Water results (µg/L)											
Sample ID	**Lab Sample ID**	**Location**		**Depth Interval**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Lead**	**Mercury**	**Selenium**
FRM-GW-2	T44344-29	SB-2	Total	20 - 24 ft bgs	85	ND	1.4 J	0. 1 J	ND	0.0016 J	10
FRM-GW-5	T44430-7	SB-5	Total	20 - 24 ft bgs	4.6	230	1.8	9.4 J	53	ND	9.4
FRM-GW-6	T44430-10	SB-6	Total	24 - 28 ft bgs	13	1600	2.2	1.5 J	1.4 J	ND	11
FRM-GW-7	T44430-13	SB-7 (background)	Total	18 - 22 ft bgs	13	730	1.3	16	9.7	ND	5.7
Nebraska VCP Groundwater RGs in µg/L					**50**	**2000**	**5**	**100**	**15**	**2**	**50**
Dissolved Metals - Water results (µg/L)											
Sample ID	**Lab Sample ID**	**Location**		**Depth Interval**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Lead**	**Mercury**	**Selenium**
FRM-GW-2	T44344-29A	SB-2	Dissolved	20 - 24 ft bgs	270	1.5	12	12	ND	0.0075	13
FRM-GW-5	T44430-7A	SB-5	Dissolved	20 - 24 ft bgs	1.5 J	84	ND	1.1 J	0.06 J	ND	11
FRM-GW-6	T44430-10A	SB-6	Dissolved	24 - 28 ft bgs	12	290	ND	1.3 J	0.05 J	ND	6
FRM-GW-7	T44430-13A	SB-7 (background)	Dissolved	18 - 22 ft bgs	ND	190	ND	2.1 J	0.08 J	0.096 J	5.1
Nebraska VCP Groundwater RGs in µg/L					**50**	**2000**	**5**	**100**	**15**	**2**	**50**
EPA Groundwater MCLs in µg/L					**10**	**2000**	**5**	**100**	**15**	**2**	**50**

Notes:

Shaded results equal or exceed a Nebraska benchmark for groundwater or tapwater.

FRM	Farmers Union Co-op Supply Company
ft bgs	Feet below ground surface
GW	Groundwater sample
ID	Identification
J	Estimated value
µg/L	Micrograms per liter
ND	Not detected above laboratory reporting limit
RG	Remediation goal
SB	Soil boring
VCP	Voluntary Cleanup Program