

2375 UNIVERSITY AVENUE, SOUTH  
FAIRBANKS, ALASKA 99709  
PHONE: (907) 457-7625  
FAX: (907) 457-7620  
rockwellcorp@acsalaska.net

*Date:* July 23, 2007

*Attention:* Civil Air Patrol  
Carl Brown  
PO Box 6014  
Elmendorf AFB, AK 99506-6014

*Subject:* **TANK REPLACEMENT AND SITE ASSESSMENT REPORT  
CIVIL AIR PATROL  
3855 UNIVERSITY AVE.  
FAIRBANKS, ALASKA 99709  
ROCKWELL E&C JOB NO: 2708**

**RECEIVED**

AUG 08 2007

CONTAMINATED  
SITES  
FAIRBANKS

Dear Carl Brown:

On May 11, 2007, Rockwell Engineering & Construction Services Inc. (Rockwell E&C) performed a site assessment (SA) during the removal of a 2000-gallon underground storage tank (UST). The tank was located at the Civil Air Patrol Building on the east ramp at Fairbanks International Airport.

Attachment 1 presents the site drawing. Attachment 2 presents a photographic history of the project. Attachment 3 presents the laboratory results.

#### **PROJECT ORGANIZATION AND SCOPE OF WORK**

- The State of Alaska is the landowner.
- Mark Rockwell volunteered his time and equipment to perform the earthwork associated with the heating oil tank removal.
- The Civil Air Patrol contracted Rockwell E&C to perform the SA and prepare the SA report.
- Rockwell E&C subcontracted SGS Environmental Services, Inc. Laboratory Division (SGS) to perform the analysis on soil samples for the project. SGS is an Alaska Department of Environmental Conservation (ADEC) approved laboratory.

## **SITE ASSESSMENT PROCEDURES**

During excavation, Rockwell E&C screened soils for contaminants. Clean hand tools and latex gloves were used for field screening, headspace sampling, and laboratory soil sampling.

Field screening was accomplished by inserting a photoionization detector (PID) probe into a funnel placed below the soil surface to contain vapors.

The headspace sampling procedure consisted of placing a small quantity of soil in a plastic bag. Once the soil was warmed to a minimum of 40°F for at least 10 minutes, the PID probe was inserted into the bag and the highest reading recorded.

All laboratory samples collected were grab samples. Soil samples were collected from freshly uncovered soil. To minimize volatilization, the lab jars were filled in order of decreasing analytical volatility. For benzene, toluene, ethylbenzene and xylenes 25 milliliters of methanol was added as a preservative immediately upon sample collection. The jar for diesel range organics was filled quickly and completely to eliminate excess headspace.

Sample jars were labeled and placed into a pre-chilled cooler. The chilled temperature within the cooler was maintained using frozen gel packages during transportation to the laboratory. A signed Chain of Custody (COC) form accompanied the samples to the lab to be analyzed for AK Method 102 DRO and EPA method 8021B BTEX.

## **FIELD OBSERVATIONS**

On May 11, 2007, Rockwell E&C excavated soils to expose the tank. The tank was then removed using the excavator. The tank was inspected and found to be in good condition and exhibited no visible signs of holes, corrosion, or pitting. After removal the tank was measured and found to be approximately 6 feet by 9 feet.

Headspace sample readings during the excavation ranged from 0 to 460 ppm. Potentially contaminated soil was encountered along the sides of the tank, above the tank and below the tank.

On May, 11, 2007, two primary soil samples S1 and S2 were collected for laboratory analysis. Soil sample S3 is a quality control duplicate collected from the same location as sample S2. Soil sample S1 was collected from under the center of the tank and S2/S3 were collected from under the fill tube of the tank. A trip blank was included to verify no cross-contamination occurred during sampling.

## RESULTS

The results of field screening are presented in Table 1. Table 2 presents the laboratory results of the soil samples collected.

**Table 1: Field Screening Results**

TIME	HDSP ID	DEPTH	TEMP °F	PID* READING ppm
4:00	1	18"		460
4:00	2	18"	60 F	300
4:00	3	18"	60 F	17
4:00	4	18"	60 F	14
4:00	5	18"	60 F	11
4:00	6	18"	60 F	8
4:00	7	SURFACE	60 F	150
4:00	8	18"	60 F	11
10:00	9	51"	60 F	0
10:00	10	51"	60 F	0
10:05	11	84"	60 F	140
10:05	12	40"	60 F	3
10:10	13	80"	60 F	23
10:30	14	64"	60 F	4
10:30	15	64"	60 F	2
10:40	16	50"	60 F	12
10:50	17	18"	60 F	50
11:30	18	100"	60 F	165
11:30	19	100"	60 F	135
11:30	20	72"	60 F	20
11:30	21	72"	60 F	12

The highest levels of contaminants were encountered in the West stock pile, with PID Readings of 460 and 300 ppm, 18" below the surface. The East stock pile showed moderate levels of contaminants, indicated by PID Readings of 150 ppm at the surface, 140 ppm at 84" below surface, 165 ppm 100" below surface, and 135 ppm 100" below surface.

**Table 2: Laboratory Results**

	Result	Units
<b>S-1 (Center)</b>		
DRO	6680	mg/Kg
Benzene	ND	ug/Kg
Toluene	ND	ug/Kg
Ethylbenzene	ND	ug/Kg
Total Solids	92	%
<b>S-2 (Fill tube)</b>		
DRO	14100	mg/Kg
Benzene	ND	ug/Kg
Toluene	ND	ug/Kg
Ethylbenzene	ND	ug/Kg
Total Solids	85.3	%
<b>S-3 (Fill tube duplicate)</b>		
DRO	13200	mg/Kg
Benzene	ND	ug/Kg
Toluene	ND	ug/Kg
Ethylbenzene	ND	ug/Kg
Total Solids	87.9	%

Laboratory samples indicate that there was a significant amount of contamination located in the tank area. DRO was detected in all three soil samples.

BTEX was non-detect in all samples.

### **RECOMMENDATIONS**

Rockwell E&C makes the following recommendations at this site:

1. The East and West soil stockpiles, which are contaminated based on field screening, should be transported to OIT's Moose Creek facility for thermal treatment.
2. Two (2) soil borings should be drilled and soil samples should be collected to determine the lateral extent of contamination at this site. These soil samples should be analyzed for DRO.

3. The tank area should be capped with asphalt to prevent rainwater infiltration and to prevent the migration of contaminants.

Please contact us directly at (907) 457-7625 should any questions arise.

Sincerely,

***Rockwell Engineering & Construction Services, Inc.***



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Aaron Hall  
Environmental Services Manager

7-25-07

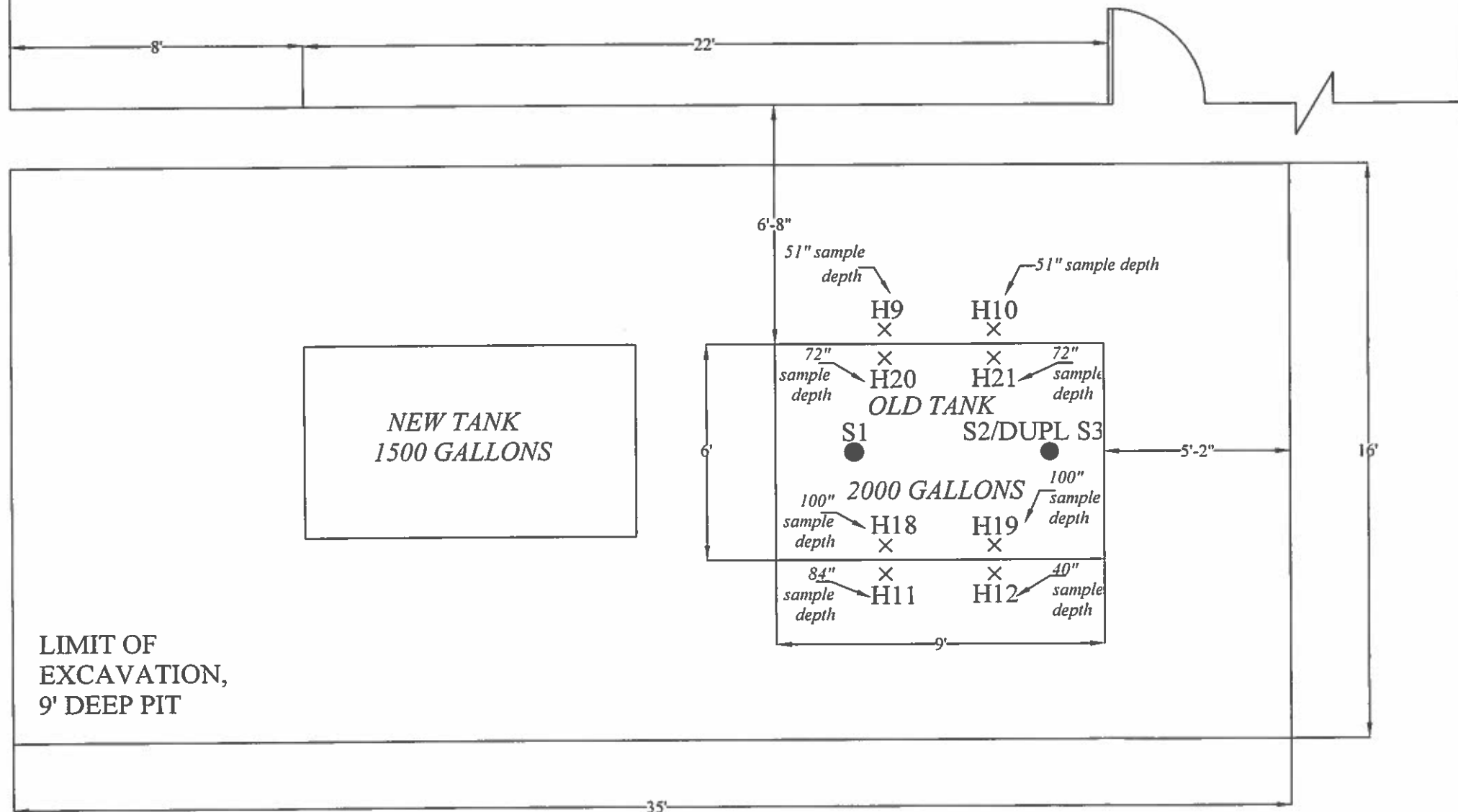
Date

# **ATTACHMENT 1**

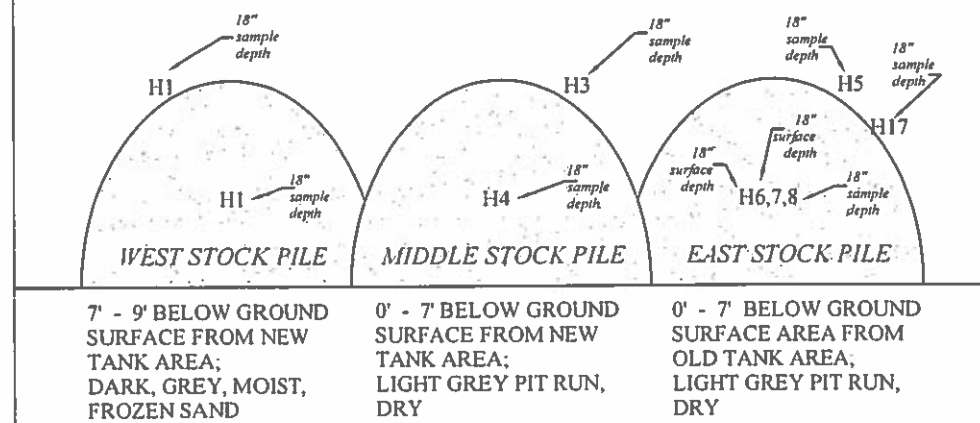
## **SITE DRAWING**

OVERHEAD VIEW

CIVIL AIR PATROL BUILDING



SIDE VIEW OF SPECIFIC SAMPLE LOCATION



7' - 9' BELOW GROUND SURFACE FROM NEW TANK AREA;  
DARK, GREY, MOIST, FROZEN SAND

0' - 7' BELOW GROUND SURFACE FROM NEW TANK AREA;  
LIGHT GREY PIT RUN, DRY

0' - 7' BELOW GROUND SURFACE AREA FROM OLD TANK AREA,  
LIGHT GREY PIT RUN, DRY



LEGEND	
×	HEADSPACE SOIL SAMPLE
●	LAB SOIL SAMPLE

ROCKWELL ENGINEERING &  
CONSTRUCTION SERVICES INC.  
2375 UNIVERSITY AVE. S  
FAIRBANKS, ALASKA 99709

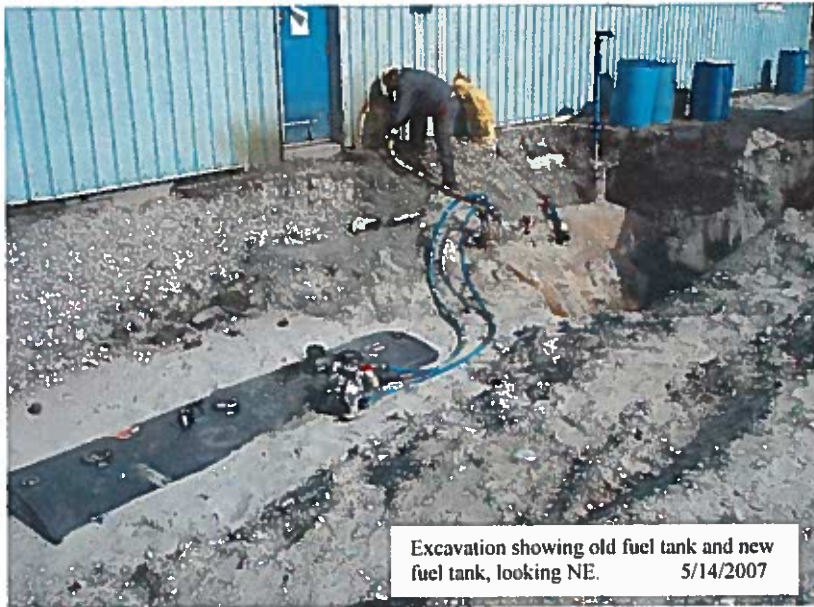
Project Name	<b>SAMPLE LOCATIONS</b>
Location	CIVIL AIR PATROL UST SITE ASSESSMENT EAST RAMP FIA

Date:	5/14/2007
SITE ASSESSOR	
DRAWN BY:	HRR
JOB NO.	2708

**ATTACHMENT 2**

**PHOTOGRAPHIC HISTORY**

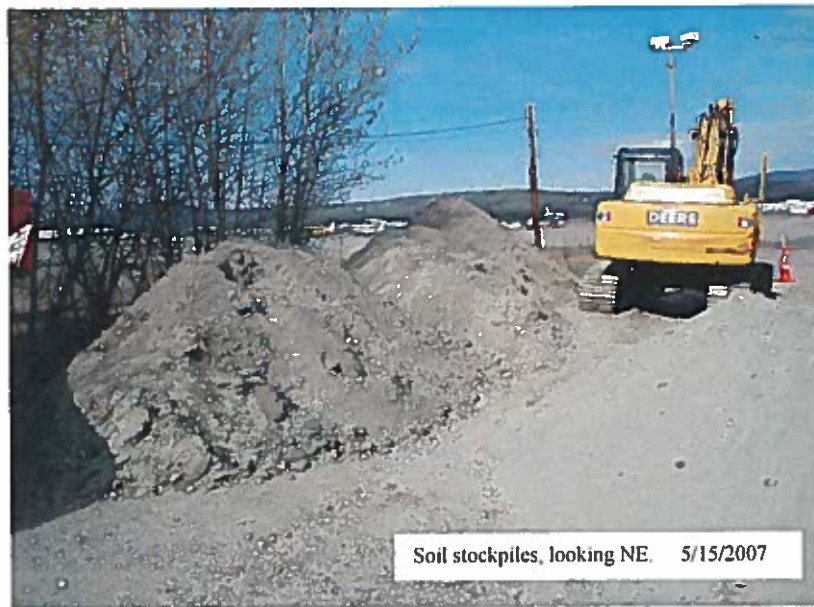




Excavation showing old fuel tank and new fuel tank, looking NE. 5/14/2007



Excavation showing old fuel tank completely removed, looking NW. 5/14/2007



Soil stockpiles, looking NE. 5/15/2007



Old fuel tank, looking E. 5/15/2007


**ATTACHMENT 3**

**LABORATORY RESULTS**



**SGS Environmental Services  
Alaska Division  
Level II Laboratory Data Report**

**Project:** Civil Air Patrol  
**Client:** Rockwell Engineering & Construction  
**SGS Work Order:** 1071882

Released by:  Stephen C. Ede  
Alaska Division Technical Director 2007.06.04  
11:47:06 -08'00'

**Contents:**

Cover Page  
Case Narrative  
Final Report Pages  
Quality Control Summary Forms  
Chain of Custody/Sample Receipt Forms

**Note:**

Unless otherwise noted, all quality assurance/quality control criteria is in compliance with the standards set forth by the proper regulatory authority, the SGS Quality Assurance Program Plan, and the National Environmental Accreditation Conference.



CASE NARRATIVE

Print Date: 6/4/2007

Client Name: Rockwell Engineering & Construction  
Project Name: Civil Air Patrol  
Workorder No.: 1071882

Sample Comments

Refer to the sample receipt form for information on sample condition.

Lab Sample ID	Sample Type	Client Sample ID
1071882001	PS	S-1
	DRO - The pattern is consistent with a weathered middle distillate.	
1071882002	PS	S-2
	DRO - The pattern is consistent with a weathered middle distillate.	
1071882003	PS	S-3
	8260 - Surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria due to matrix of the sample. All other surrogates meet QC criteria.	
	DRO - The pattern is consistent with a weathered middle distillate.	
1071882004	TB	Trip Blank
	8260 - Surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria. All other surrogates meet QC criteria.	
	8260 - Initial calibration verification (ICV) recoveries for 1,1,2-trichloro-1,2,2-trifluoromethane, carbon disulfide, 1-chlorohexane, methyl-t-butyl ether do not meet QC criteria (biased high). These analytes were not detected in the associated sample.	
765370	MSD	PO-6(1071867001MSD)
	8260 - Matrix spike duplicate (MSD) recoveries for the surrogates 1,2-dichloroethane-D4 and dibromofluoromethane does not meet QC criteria. See laboratory control sample for accuracy.	
765371	IB	IB for HBN 185928 (VMS/9087)
	8260 - Instrument blank (IB) recovery for dibromofluoromethane does not meet QC criteria. All other surrogates meet QC criteria.	
765759	LCS	LCS for HBN 186014 [VXX/16715]
	8260 - Laboratory control sample (LCS) recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected in the associated samples.	
	8260 - Laboratory control sample (LCS) surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria. All other surrogates meet QC criteria.	
765760	MS	C1/0-2(1072273003MS)
	8260 - Matrix spike (MS) recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected in the associated samples.	
	8260 - Matrix spike (MS) surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria. All other surrogates meet QC criteria.	
	8260 - Matrix spike (MS) recovery for tetrachloroethene does not meet QC criteria (biased low) due to matrix of sample being heavily contaminated for this analyte.	
765761	MSD	C1/0-2(1072273003MSD)
	8260 - Matrix spike duplicate (MSD) recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected in the associated samples.	
	8260 - Matrix spike duplicate (MSD) surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria. All other surrogates meet QC criteria.	
	8260 - Matrix spike duplicate (MSD) recovery for tetrachloroethene does not meet QC criteria (biased low) due to matrix of sample being heavily contaminated for this analyte.	
765763	CCV	CCV for HBN 186015 (VMS/9094)

8260 - Continuing calibration verification (CCV) recoveries for several analytes do not meet QC criteria (biased high). These analytes were not detected in the associated samples.

8260 - Continuing calibration verification (CCV) surrogate recovery for 1,2-dichloroethane-d4 does not meet QC criteria. All other surrogates meet QC criteria.



## Laboratory Analytical Report

Client: **Rockwell Engineering & Construct**  
2375 University Ave, South  
Fairbanks, AK 99709

Attn: **Clayton Dunn**  
T: (907)457-7625 F:(907)457-7620  
cdunn2rockwellcorp@acsalaska.net

Project: **Civil Air Patrol**

Workorder No.: **1071882**

**Stephen C. Ede**  
2007.06.04 11:47:36 -  
08'00'

Certification: Alaska Division Technical Director

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, other than the conditions noted on the sample data sheet(s) and/or the case narrative. This certification applies only to the tested parameters and the specific sample(s) received at the laboratory.

If you have any questions regarding this report, or if we can be of further assistance, please contact your SGS Project Manager.

Sunny Castleberry  
sunny\_castleberry@sgs.com  
Project Manager

Enclosed are the analytical results associated with this workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Assurance Plan (QAP), which outlines this program is available at your request.

The laboratory certification numbers are AK971-05 (DW), UST-005 (CS) and AK00971 (Micro) for ADEC and 001582 for NELAP (RCRA methods: 1010/1020, 1311, 6000/7000, 9040/9045, 9056, 9060, 9065, 8015B, 8021B, 8081A/8082, 8260B, 8270C).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP, the National Environmental Laboratory Accreditation Program and, when applicable, other regulatory authorities.

If you have any questions regarding this report or if we can be of any assistance, please contact your SGS Project Manager at 907-562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

MDL	Method Detection Limit
PQL	Practical Quantitation Limit (reporting limit).
CL	Control Limit
U	Indicates the analyte was analyzed for but not detected.
F	Indicates value that is greater than or equal to the MDL.
J	The quantitation is an estimation.
ND	Indicates the analyte is not detected
B	Indicates the analyte is found in a blank associated with the sample.
*	The analyte has exceeded allowable regulatory or control limits.
GT	Greater Than
LT	Less Than
Q	QC parameter out of acceptance range.
M	A matrix effect was present.
E	The analyte result is above the calibrated range.
DF	Analytical Dilution Factor
JL	The analyte was positively identified, but the quantitation is a low estimation.
<Surr>	Surrogate QC spiked standard

Note: Soil samples are reported on a dry weight basis unless otherwise specified



SAMPLE SUMMARY

Print Date: 6/4/2007

Client Name: Rockwell Engineering & Construction  
Project Name: Civil Air Patrol  
Workorder No.: 1071882

Analytical Methods

<u>Method Description</u>	<u>Analytical Method</u>
Diesel Range Organics (S)	AK102
Percent Solids SM2540G	SM20 2540G
Volatile Organic Compounds (S) FIELD EXT	SW8260B

Sample ID Cross Reference

<u>Lab Sample ID</u>	<u>Client Sample ID</u>
1071882001	S-1
1071882002	S-2
1071882003	S-3
1071882004	Trip Blank





Client Sample ID: S-1  
SGS Ref. #: 1071882001  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 92.0

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

**Semivolatile Organic Fuels Department**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	6680	216	mg/Kg	10	XFC7401	XXX18035	
5a Androstane <sur>	72.6	50-150	%	10	XFC7401	XXX18035	

**Batch Information**

Analytical Batch: XFC7401  
Analytical Method: AK102  
Analysis Date/Time: 05/30/07 11:11  
Dilution Factor: 10

Prep Batch: XXX18035  
Prep Method: SW3550B  
Prep Date/Time: 05/23/07 12:35

Initial Prep Wt./Vol.: 30.229 g  
Prep Extract Vol.: 1 mL  
Container ID:1071882001-B  
Analyst: JE



Client Sample ID: S-1  
SGS Ref. #: 1071882001  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 92.0

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical</u> <u>Batch</u>	<u>Prep</u> <u>Batch</u>	<u>Qualifiers</u>
Benzene	ND	15.8	ug/Kg	1	VMS9087	VXX16705	
Toluene	ND	60.6	ug/Kg	1	VMS9087	VXX16705	
Ethylbenzene	ND	30.3	ug/Kg	1	VMS9087	VXX16705	
P & M -Xylene	ND	60.6	ug/Kg	1	VMS9087	VXX16705	
o-Xylene	ND	30.3	ug/Kg	1	VMS9087	VXX16705	
1,2-Dichloroethane-D4 <sur>	106	85-115	%	1	VMS9087	VXX16705	
Toluene-d8 <sur>	87.8	87-115	%	1	VMS9087	VXX16705	
4-Bromofluorobenzene <sur>	82.9	50-154	%	1	VMS9087	VXX16705	
Dibromofluoromethane <sur>	105	83-119	%	1	VMS9087	VXX16705	

**Batch Information**

Analytical Batch: VMS9087  
Analytical Method: SW8260B  
Analysis Date/Time: 05/24/07 04:13  
Dilution Factor: 1

Prep Batch: VXX16705  
Prep Method: SW5035A  
Prep Date/Time: 05/23/07 20:00

Initial Prep Wt./Vol.: 44.83 g  
Prep Extract Vol.: 25 mL  
Container ID:1071882001-A  
Analyst: KPW



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-1  
SGS Ref. #: 1071882001  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 92.0

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

Solids

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Total Solids	92.0		%		SPT7212		

Batch Information

Analytical Batch: SPT7212  
Analytical Method: SM20 2540G  
Analysis Date/Time: 05/22/07 12:00

Initial Prep Wt./Vol.: 1 mL

Container ID:1071882001-B  
Analyst: NHN



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-2  
SGS Ref. #: 1071882002  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 85.3

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

Semivolatile Organic Fuels Department

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	14100	467	mg/Kg	20	XFC7401	XXX18035	
5a Androstane <sur>	82.5	50-150	%	20	XFC7401	XXX18035	

Batch Information

Analytical Batch: XFC7401  
Analytical Method: AK102  
Analysis Date/Time: 05/30/07 11:27  
Dilution Factor: 20

Prep Batch: XXX18035  
Prep Method: SW3550B  
Prep Date/Time: 05/23/07 12:35

Initial Prep Wt./Vol.: 30.133 g  
Prep Extract Vol.: 1 mL  
Container ID:1071882002-B  
Analyst: JE



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-2  
SGS Ref. #: 1071882002  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 85.3

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

Volatile Gas Chromatography/Mass Spectroscopy

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Benzene	ND	16.4	ug/Kg	1	VMS9087	VXX16705	
Toluene	ND	63.0	ug/Kg	1	VMS9087	VXX16705	
Ethylbenzene	ND	31.5	ug/Kg	1	VMS9087	VXX16705	
P & M -Xylene	ND	63.0	ug/Kg	1	VMS9087	VXX16705	
o-Xylene	ND	31.5	ug/Kg	1	VMS9087	VXX16705	
1,2-Dichloroethane-D4 <sur>	84.8	* 85-115	%	1	VMS9087	VXX16705	
Toluene-d8 <sur>	105	87-115	%	1	VMS9087	VXX16705	
4-Bromofluorobenzene <sur>	96.4	50-154	%	1	VMS9087	VXX16705	
Dibromofluoromethane <sur>	86.4	83-119	%	1	VMS9087	VXX16705	

Batch Information

Analytical Batch: VMS9087  
Analytical Method: SW8260B  
Analysis Date/Time: 05/24/07 04:48  
Dilution Factor: 1

Prep Batch: VXX16705  
Prep Method: SW5035A  
Prep Date/Time: 05/23/07 20:00

Initial Prep Wt./Vol.: 46.51 g  
Prep Extract Vol.: 25 mL  
Container ID:1071882002-A  
Analyst: KPW



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-2  
SGS Ref. #: 1071882002  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 85.3

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

**Solids**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Total Solids	85.3		%		SPT7212		

**Batch Information**

Analytical Batch: SPT7212  
Analytical Method: SM20 2540G  
Analysis Date/Time: 05/22/07 12:00

Initial Prep Wt./Vol.: 1 mL  
Container ID:1071882002-B  
Analyst: NHN



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-3  
SGS Ref. #: 1071882003  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 87.9

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

Semivolatile Organic Fuels Department

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Diesel Range Organics	13200	448	mg/Kg	20	XFC7401	XXX18035	
5a Androstane <sur>	87.2	50-150	%	20	XFC7401	XXX18035	

Batch Information

Analytical Batch: XFC7401  
Analytical Method: AK102  
Analysis Date/Time: 05/30/07 11:43  
Dilution Factor: 20

Prep Batch: XXX18035  
Prep Method: SW3550B  
Prep Date/Time: 05/23/07 12:35

Initial Prep Wt./Vol.: 30.47 g  
Prep Extract Vol.: 1 mL  
Container ID:1071882003-B  
Analyst: JE



Client Sample ID: S-3  
SGS Ref. #: 1071882003  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 87.9

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Benzene	ND	14.5	ug/Kg	1	VMS9087	VXX16705	
Toluene	ND	55.7	ug/Kg	1	VMS9087	VXX16705	
Ethylbenzene	ND	27.9	ug/Kg	1	VMS9087	VXX16705	
P & M -Xylene	ND	55.7	ug/Kg	1	VMS9087	VXX16705	
o-Xylene	ND	27.9	ug/Kg	1	VMS9087	VXX16705	
1,2-Dichloroethane-D4 <sur>	75.1	* 85-115	%	1	VMS9087	VXX16705	
Toluene-d8 <sur>	106	87-115	%	1	VMS9087	VXX16705	
4-Bromofluorobenzene <sur>	104	50-154	%	1	VMS9087	VXX16705	
Dibromofluoromethane <sur>	90	83-119	%	1	VMS9087	VXX16705	

**Batch Information**

Analytical Batch: VMS9087  
Analytical Method: SW8260B  
Analysis Date/Time: 05/24/07 05:23  
Dilution Factor: 1

Prep Batch: VXX16705  
Prep Method: SW5035A  
Prep Date/Time: 05/23/07 23:00

Initial Prep Wt./Vol.: 51.03 g  
Prep Extract Vol.: 25 mL  
Container ID:1071882003-A  
Analyst: KPW





Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: S-3  
SGS Ref. #: 1071882003  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 87.9

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

Solids

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Total Solids	87.9		%		SPT7212		

Batch Information

Analytical Batch: SPT7212  
Analytical Method: SM20 2540G  
Analysis Date/Time: 05/22/07 12:00

Initial Prep Wt./Vol.: 1 mL  
Container ID:1071882003-B  
Analyst: NHN



Client Sample ID: Trip Blak  
 SGS Ref. #: 1071882004  
 Project ID: Civil Air Patrol  
 Matrix: Soil/Solid  
 Percent Solids: 100

All Dates/Times are Alaska Local Time  
 Collection Date/Time: 05/14/07 17:00  
 Receipt Date/Time: 05/17/07 09:00

**Volatile Gas Chromatography/Mass Spectroscopy**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Benzene	ND	13.1	ug/Kg	1	VMS9094	VXX16715	
Toluene	ND	50.2	ug/Kg	1	VMS9087	VXX16705	
Ethylbenzene	ND	25.1	ug/Kg	1	VMS9087	VXX16705	
P & M -Xylene	ND	50.2	ug/Kg	1	VMS9087	VXX16705	
o-Xylene	ND	25.1	ug/Kg	1	VMS9087	VXX16705	
1,2-Dichloroethane-D4 <sur>	126	* 85-115	%	1	VMS9094	VXX16715	
1,2-Dichloroethane-D4 <sur>	951	*	ug/Kg	1	VMS9094	VXX16715	
Toluene-d8 <sur>	112	87-115	%	1	VMS9087	VXX16705	
4-Bromofluorobenzene <sur>	111	50-154	%	1	VMS9087	VXX16705	
Dibromofluoromethane <sur>	86.6	83-119	%	1	VMS9087	VXX16705	

**Batch Information**

Analytical Batch: VMS9087  
 Analytical Method: SW8260B  
 Analysis Date/Time: 05/24/07 05:58  
 Dilution Factor: 1

Prep Batch: VXX16705  
 Prep Method: SW5035A  
 Prep Date/Time: 05/23/07 20:00

Initial Prep Wt./Vol.: 49.79 g  
 Prep Extract Vol.: 25 mL  
 Container ID:1071882004-A  
 Analyst: KPW

Analytical Batch: VMS9094  
 Analytical Method: SW8260B  
 Analysis Date/Time: 05/26/07 01:19  
 Dilution Factor: 1

Prep Batch: VXX16715  
 Prep Method: SW5035A  
 Prep Date/Time: 05/14/07 17:00

Initial Prep Wt./Vol.: 49.79 g  
 Prep Extract Vol.: 25 mL  
 Container ID:1071882004-A  
 Analyst: KPW



Rockwell Engineering & Construction

Print Date: 6/4/2007

Client Sample ID: Trip Blak  
SGS Ref. #: 1071882004  
Project ID: Civil Air Patrol  
Matrix: Soil/Solid  
Percent Solids: 100

All Dates/Times are Alaska Local Time  
Collection Date/Time: 05/14/07 17:00  
Receipt Date/Time: 05/17/07 09:00

**Solids**

<u>Parameter</u>	<u>Result</u>	<u>PQL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Analytical Batch</u>	<u>Prep Batch</u>	<u>Qualifiers</u>
Total Solids	100		%		SPT7212		

**Batch Information**

Analytical Batch: SPT7212  
Analytical Method: SM20 2540G  
Analysis Date/Time: 05/22/07 12:00

Initial Prep Wt./Vol.: 1 mL

Container ID:1071882004-A  
Analyst: NHN



SGS Ref.# 764893 Method Blank  
Client Name Rockwell Engineering & Construction  
Project Name/# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch XXXX18035  
Method SW3550B  
Date 05/23/2007

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003

Parameter	Results	Reporting/Control Limit	MDL	Units	Analysis Date
<b>Semivolatle Organic Fuels Department</b>					
Diesel Range Organics	ND	19.9	1.99	mg/Kg	05/24/07
<b>Surrogates</b>					
5a Androstane <surr>	76	60-120		%	05/24/07
Batch	XFC7395				
Method	AK102				
Instrument	HP 5890 Series II FID SV D R				



SGS Ref.# 764976 Method Blank  
Client Name Rockwell Engineering & Construction  
Project Name/# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch  
Method  
Date

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003, 1071882004

Parameter	Results	Reporting/Control Limit	MDL	Units	Analysis Date
<b>Solids</b>					
Total Solids	100			%	05/22/07
Batch	SPT7212				
Method	SM20 2540G				
Instrument					



SGS Ref.# 765367 Method Blank  
Client Name Rockwell Engineering & Construction  
Project Name# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16705  
Method SW5035A  
Date 05/23/2007

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003, 1071882004

Parameter	Results	Reporting/Control Limit	MDL	Units	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>					
Benzene	ND	13.0	3.90	ug/Kg	05/23/07
Toluene	ND	50.0	15.0	ug/Kg	05/23/07
Ethylbenzene	ND	25.0	7.80	ug/Kg	05/23/07
P & M -Xylene	ND	50.0	15.0	ug/Kg	05/23/07
o-Xylene	ND	50.0	15.0	ug/Kg	05/23/07
<b>Surrogates</b>					
Dibromofluoromethane <surr>	118	83-119		%	05/23/07
1,2-Dichloroethane-D4 <surr>	105	85-115		%	05/23/07
Toluene-d8 <surr>	112	87-115		%	05/23/07
4-Bromofluorobenzene <surr>	118	50-154		%	05/23/07
Batch	VMS9087				
Method	SW8260B				
Instrument	HP 5890 Series II MS5 VLA				



SGS Ref.# 765758 Method Blank  
Client Name Rockwell Engineering & Construction  
Project Name/# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16715  
Method SW5035A  
Date 05/25/2007

QC results affect the following production samples:  
1071882004

Parameter	Results	Reporting/Control Limit	MDL	Units	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>					
Benzene	ND	13.0	3.90	ug/Kg	05/25/07
<b>Surrogates</b>					
Dibromofluoromethane <surr>	103	83-119		%	05/25/07
1,2-Dichloroethane-D4 <surr>	114	85-115		%	05/25/07
Toluene-d8 <surr>	94.5	87-115		%	05/25/07
4-Bromofluorobenzene <surr>	114	50-154		%	05/25/07
Batch	VMS9094				
Method	SW8260B				
Instrument	HP 5890 Series II MS1 VMA				



SGS Ref.# 764977 Duplicate  
Client Name Rockwell Engineering & Construction  
Project Name# Civil Air Patrol  
Original 1071882002  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch  
Method  
Date

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003, 1071882004

Parameter	Original Result	QC Result	Units	RPD	RPD Limits	Analysis Date
<b>Solids</b>						
Total Solids	85.3	85.2	%	0	(< 5 )	05/22/2007
Batch	SPT7212					
Method	SM20 2540G					
Instrument						





SGS Ref.# 764894 Lab Control Sample  
764895 Lab Control Sample Duplicate  
Client Name Rockwell Engineering & Construction  
Project Name/# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch XXX18035  
Method SW3550B  
Date 05/23/2007

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Semivolatile Organic Fuels Department</b>							
Diesel Range Organics	LCS	26.8	81	( 75-125 )		33 mg/Kg	05/24/2007
	LCSD	29.1	88		8 (< 20 )	33.1 mg/Kg	05/24/2007
<b>Surrogates</b>							
5a Androstane <sur>	LCS		70	( 60-120 )			05/24/2007
	LCSD		70		0		05/24/2007

Batch XFC7395  
Method AK102  
Instrument HP 5890 Series II FID SV D R



SGS Ref# 765368 Lab Control Sample

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16705

Client Name Rockwell Engineering & Construction  
Project Name# Civil Air Patrol  
Matrix Soil/Solid

Method SW5035A  
Date 05/23/2007

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003, 1071882004

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>							
Benzene	LCS 890	119	( 85-121 )			750 ug/Kg	05/23/2007
Toluene	LCS 813	108	( 86-116 )			750 ug/Kg	05/23/2007
Ethylbenzene	LCS 789	105	( 85-115 )			750 ug/Kg	05/23/2007
P & M -Xylene	LCS 1610	108	( 85-115 )			1500 ug/Kg	05/23/2007
o-Xylene	LCS 784	104	( 85-115 )			750 ug/Kg	05/23/2007
<b>Surrogates</b>							
Dibromofluoromethane <surr>	LCS	105	( 83-119 )				05/23/2007
1,2-Dichloroethane-D4 <surr>	LCS	106	( 85-115 )				05/23/2007
Toluene-d8 <surr>	LCS	110	( 87-115 )				05/23/2007
4-Bromofluorobenzene <surr>	LCS	101	( 50-154 )				05/23/2007

Batch VMS9087  
Method SW8260B  
Instrument HP 5890 Series II MS5 VLA



SGS Ref.# 765759 Lab Control Sample  
Client Name Rockwell Engineering & Construction  
Project Name/# Civil Air Patrol  
Matrix Soil/Solid

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16715  
Method SW5035A  
Date 05/25/2007

QC results affect the following production samples:  
1071882004

Parameter	QC Results	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>							
Benzene	LCS 661	88	( 85-121 )			750 ug/Kg	05/25/2007
<b>Surrogates</b>							
Dibromofluoromethane <surr>	LCS	109	( 83-119 )				05/25/2007
1,2-Dichloroethane-D4 <surr>	LCS	131 *	( 85-115 )				05/25/2007
Toluene-d8 <surr>	LCS	91	( 87-115 )				05/25/2007
4-Bromofluorobenzene <surr>	LCS	109	( 50-154 )				05/25/2007

Batch VMS9094  
Method SW8260B  
Instrument HP 5890 Series II MS1 VMA



SGS Ref.# 765369 Matrix Spike  
765370 Matrix Spike Duplicate

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16705  
Method Vol. Extraction SW8260 Feld I  
Date 05/23/2007

Original 1071867001  
Matrix Soil/Solid

QC results affect the following production samples:  
1071882001, 1071882002, 1071882003, 1071882004

Parameter	Qualifiers	Original Result	QC Result	Pet Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>									
Benzene	MS	ND	548	97	( 85-121 )			565 ug/Kg	05/23/2007
	MSD		634	112		15	(< 20 )	565 ug/Kg	05/23/2007
Toluene	MS	ND	593	105	( 86-116 )			565 ug/Kg	05/23/2007
	MSD		584	103		2	(< 20 )	565 ug/Kg	05/23/2007
Ethylbenzene	MS	ND	595	105	( 85-115 )			565 ug/Kg	05/23/2007
	MSD		595	105		0	(< 20 )	565 ug/Kg	05/23/2007
P & M -Xylene	MS	ND	1220	108	( 85-115 )			1130 ug/Kg	05/23/2007
	MSD		1200	106		2	(< 20 )	1130 ug/Kg	05/23/2007
o-Xylene	MS	ND	608	108	( 85-115 )			565 ug/Kg	05/23/2007
	MSD		601	106		1	(< 20 )	565 ug/Kg	05/23/2007
<b>Surrogates</b>									
Dibromofluoromethane <sur>	MS		584	103	( 83-119 )				05/23/2007
	MSD		711	126		20			05/23/2007
1,2-Dichloroethane-D4 <sur>	MS		563	100	( 85-115 )				05/23/2007
	MSD		675	119		18			05/23/2007
Toluene-d8 <sur>	MS		608	108	( 87-115 )				05/23/2007
	MSD		589	104		3			05/23/2007
4-Bromofluorobenzene <sur>	MS		1570	104	( 50-154 )				05/23/2007
	MSD		1590	105		1			05/23/2007

Batch VMS9087  
Method SW8260B  
Instrument HP 5890 Series II MS5 VLA



SGS Ref.# 765760 Matrix Spike  
765761 Matrix Spike Duplicate

Printed Date/Time 06/04/2007 11:10  
Prep Batch VXX16715  
Method Vol. Extraction SW8260 Field 1  
Date 05/25/2007

Original 1072273003  
Matrix Soil/Solid

QC results affect the following production samples:  
1071882004

Parameter	Qualifiers	Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analysis Date
<b>Volatile Gas Chromatography/Mass Spectroscopy</b>									
Benzene	MS	ND	374		86 ( 85-121 )			437 ug/Kg	05/25/2007
	MSD		393		90		5 (< 20 )	437 ug/Kg	05/25/2007
<b>Surrogates</b>									
Dibromofluoromethane <surr>	MS		455		104 ( 83-119 )				05/25/2007
	MSD		472		108		4		05/25/2007
1,2-Dichloroethane-D4 <surr>	MS		508		116 ( 85-115 )				05/25/2007
	MSD		520		119		2		05/25/2007
Toluene-d8 <surr>	MS		386		88 ( 87-115 )				05/25/2007
	MSD		391		89		1		05/25/2007
4-Bromofluorobenzene <surr>	MS		987		85 ( 50-154 )				05/25/2007
	MSD		933		80		6		05/25/2007

Batch VMS9094  
Method SW8260B  
Instrument HP 5890 Series II MSI VMA



**CHAIN OF CUSTODY RECORD**  
**SGS Environmental Services Inc.**

1071882

- Alaska
- Louisiana
- New Jersey
- West Virginia

1 CLIENT: Rockwell Engineering PHONE NO: \_\_\_\_\_ )  
 CONTACT: Clayton Dunn  
 PROJECT: Civil Air Patrol SITE/FWSID#: \_\_\_\_\_  
 REPORTS TO: E-MAIL: cdunn@rockwellcorp.com  
 FAX NO.: \_\_\_\_\_ )  
 INVOICE TO: QUOTE # \_\_\_\_\_  
 P.O. NUMBER \_\_\_\_\_

SGS Reference: \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	REMARKS
1A-B	S-1	5/14	5:00pm		
2	S-2	5/14	5:00pm		
3	S-3	5/14	5:00pm		
4A	trip blank				

Preservation Used	Analysis Required	SAMPLE TYPE	No CONTAINERS
		C-COMP	
		G-GRAB	

3

BTEX 9021 DRO

5 Collected/Relinquished By: (1) Sunny Carstebum Date: 5/16/07 Time: 11:00  
 Relinquished By: (2) Clayton Dunn Date: 5/16/07 Time: 16:00  
 Relinquished By: (3) Sunny Carstebum Date: 5/16/07 Time: 16:40  
 Relinquished By: (4) Sunny Carstebum Date: 5/17/07 Time: 09:00

4 Shipping Carrier: hand Samples Received Cold? (Circle) YES NO  
 Shipping Ticket No.: \_\_\_\_\_ Temperature (C): 18.4  
 Special Deliverable Requirements: \_\_\_\_\_ Chain of Custody Seal: (Circle) INTACT BROKEN  
 Requested Turnaround Time and Special Instructions: \_\_\_\_\_

SGS

SAMPLE RECEIPT FORM

SGS WO#:

1071882



Yes No NA

- Are samples RUSH, priority, or w/n 72 hrs. of hold time?
- If yes have you done e-mail notification?
- Are samples within 24 hrs. of hold time or due date?
- If yes, have you spoken with Supervisor?
- Archiving bottles - if req., are they properly marked?
- Are there any problems? PM Notified? \_\_\_\_\_
- Were samples preserved correctly and pH verified?

- If this is for PWS, provide PWSID. \_\_\_\_\_
- Will courier charges apply?
- Method of payment? \_\_\_\_\_
- Data package required? (Level: 1 / 2 / 3 / 4)  
Notes: \_\_\_\_\_
- Is this a DoD project? (USACE, Navy, AFCEE)

Due Date: 5/31/07  
 Received Date: 5/16/07  
 Received Time: 1100  
 Is date/time conversion necessary? \_\_\_\_\_  
 # of hours to AK Local Time: \_\_\_\_\_  
 Thermometer ID: Monstern 740

Cooler ID	Temp Blank	Cooler Temp
<u>1</u>	<u>4.6</u> °C	<u>5.2</u> °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C
_____	_____ °C	_____ °C

\*Temperature readings include thermometer correction factors  
 Delivery method (circle all that apply): Client /  
 Alert Courier / UPS / FedEx / USPS /  
 AA Goldstreak / NAC / ERA / PenAir / Carlisle  
 Lynden / SGS / Other: \_\_\_\_\_

Airbill # \_\_\_\_\_

- Additional Sample Remarks: (✓ if applicable)
- Extra Sample Volume?
  - Limited Sample Volume?
  - Field preserved for volatiles?
  - Field-filtered for dissolved?
  - Lab-filtered for dissolved?
  - Ref Lab required?
  - Foreign Soil?

**This section must be filled out for DoD projects (USACE, Navv, AFCEE)**

- |       |       |  |
|-------|-------|--|
| Yes   | No    |  |
| _____ | _____ | Is received temperature $4 \pm 2^{\circ}\text{C}$ ?                    |
| _____ | _____ | Exceptions: _____ Samples/Analyses Affected: _____                     |
| _____ | _____ | Rad Screen performed? Result: _____                                    |
| _____ | _____ | Was there an airbill? (Note # above in the right hand column)          |
| _____ | _____ | Was cooler sealed with custody seals?<br># / where: _____              |
| _____ | _____ | Were seal(s) intact upon arrival?                                      |
| _____ | _____ | Was there a COC with cooler?   |
| _____ | _____ | Was COC sealed in plastic bag & taped inside lid of cooler?            |
| _____ | _____ | Was the COC filled out properly?                                       |
| _____ | _____ | Did the COC indicate COE / AFCEE / Navy project?                       |
| _____ | _____ | Did the COC and samples correspond?                                    |
| _____ | _____ | Were all sample packed to prevent breakage?<br>Packing material: _____ |
| _____ | _____ | Were all samples unbroken and clearly labeled?                         |
| _____ | _____ | Were all samples sealed in separate plastic bags?                      |
| _____ | _____ | Were all VOCs free of headspace and/or MeOH preserved?                 |
| _____ | _____ | Were correct container / sample sizes submitted?                       |
| _____ | _____ | Is sample condition good?  |
| _____ | _____ | Was copy of CoC, SRF, and custody seals given to PM to fax?            |

**This section must be filled if problems are found.**

Yes No  
 \_\_\_\_\_ Was client notified of problems?

Individual contacted: \_\_\_\_\_  
 Via: Phone / Fax / Email (circle one)  
 Date/Time: \_\_\_\_\_  
 Reason for contact: \_\_\_\_\_

Change Order Required? \_\_\_\_\_  
 SGS Contact: \_\_\_\_\_

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Completed by (sign): Sunny Castleberry (print): Sunny Castleberry  
 Login proof (check one): waived \_\_\_\_\_ required  performed by: [Signature]



1071882

SGS WO#:



SAMPLE RECEIPT FORM FOR TRANSFERS  
From  
FAIRBANKS, ALASKA OR HONOLULU, HAWAII  
To

ANCHORAGE, AK

TO BE COMPLETED IN ANCHORAGE UPON ARRIVAL FROM FAIRBANKS OR HAWAII.  
NOTES RECORDED BELOW ARE ACTIONS NEEDED UPON ARRIVAL IN ANCHORAGE.

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Receipt Date / Time: 5-17-07 0900  
Is Sample Date/Time Conversion Necessary? Yes \_\_\_\_\_ No   
Number of Hours From Alaska Local Time: \_\_\_\_\_  
Foreign Soil? Yes \_\_\_\_\_ No

Delivery method to Anchorage (circle all that apply):  
Alert Courier / UPS / FedEx / USPS / AA Goldstreak / NAC / ERA / PenAir / Carlisle / Lynden / SGS  
Other: \_\_\_\_\_  
Airbill # \_\_\_\_\_

COOLER AND TEMP BLANK READINGS*					
Cooler ID	Temp Blank (°C)	Cooler (°C)	Cooler ID	Temp Blank (°C)	Cooler (°C)
<u>1</u>	<u>7.4</u>	<u>3.4</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CUSTODY SEALS INTACT:  YES / NO  
#/ WHERE: Confront, Conback

COMPLETED BY: JLT

\*Temperature readings include thermometer correction factors.





2881201

TB=7.4  
C=3.4

**SGS** Environmental

CUSTODY SEAL WO# 1880, 1881, 1882

Signature: Sunny Costberry

Date/Time: 5/16/07 1640

**SGS** Environmental

CUSTODY SEAL WO# 1880, 1881, 1882

Signature: Sunny Costberry

Date/Time: 5/16/07 1640

