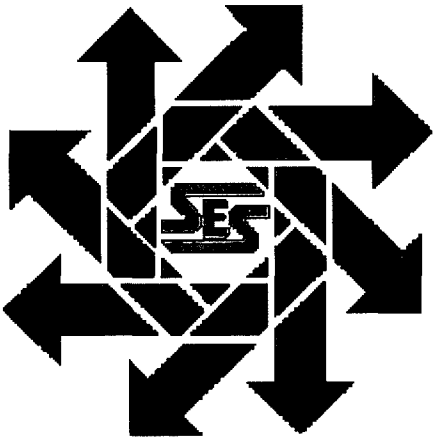
Saga Petroleum LLC
Apollo SWD
Closure Report
Section 1, Township 17S, Range 36E
Lea County, New Mexico

May 30, 2006

Closure approved
1/25/08



Prepared for:

Saga Petroleum LLC
415 W. Wall, Suite 1900
Midland, Texas 79701

By:

Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510

RP# 1764

TABLE OF CONTENTS

I. Background

Safety & Environmental Solutions, Inc. (SESI) was contracted by Saga Petroleum LLC to perform a site investigation of the Apollo Salt Water Disposal Facility located in Lea County, New Mexico. The subject area is located in Section 1, Township 17S, Range 36E in Lea County, New Mexico. (See Figure 1) The initial investigation included the installation of 3 boreholes inside the diked area after removal of the tanks. The results of investigation were reported in the Site Investigation report dated January 21, 2004.

This facility is situated approximately 450 feet north of a City of Lovington water well. A groundwater monitoring well was installed on January 28, 2004 approximately 16' south of borehole # 3 and just outside the berm. This monitor well is directly between the facility and the City of Lovington water well. The results of the initial sampling indicated no chlorides or BTEX have reached the groundwater. The monitor well was sampled on April 7, 2005, with the same results.

II. Surface and Ground Water

According to the database provided by the New Mexico State Engineer's Office groundwater of record in Section 1, Township 17S, Range 36 E, in Lea County, New Mexico is approximately 83 feet in depth. The monitor well installed at this site indicated that the top of the water is 92.04' bgs.

III. Soils

The surface soils in the area are predominantly sand and sandy loam.

IV. Work Performed

The area inside the berm was excavated to a depth of approximately 10 to 12 feet. The excavated area was sampled on a grid spacing of 25'. A 5-point composite sample was retrieved from each of these areas. The samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico. The samples were analyzed for TPH (EPA Method 418.1), Chlorides (Standards Method 4500-CL-C, and BTEX (EPA Method 8021). The results of the analysis were as follows:

Sample ID	TPH (ppm)	Chloride (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Xylenes (ppm)
1A	230	2300	ND	ND	ND	ND
1B	140	2300	ND	ND	ND	ND
1C	460	1200	ND	ND	ND	ND
1D	500	1500	ND	ND	ND	ND
1E	350	1300	ND	ND	ND	ND
2A	210	2400	ND	ND	ND	ND
2B	300	1400	ND	ND	ND	ND
2C	140	1200	ND	ND	ND	ND
2D	530	930	ND	ND	ND	ND
2E	530	1100	ND	ND	ND	ND
3A	260	1100	ND	ND	ND	ND

3B	170	1300	ND	ND	ND	ND
3C	1700	1100	ND	ND	ND	ND
3D	690	690	ND	ND	ND	ND
4A	240	1500	ND	ND	ND	ND
4B	1200	1200	ND	ND	ND	ND
4C	1400	850	ND	ND	ND	ND
4D	640	870	ND	ND	ND	ND
5A	1400	1000	ND	ND	ND	ND
5B	1100	1200	ND	ND	ND	ND
5C	280	1600	ND	ND	ND	ND
5D	490	1800	ND	ND	ND	ND

The results for areas 3C, 4B, 4C, 5A and 5B were above the action level of 1000 ppm TPH. These areas were excavated an additional two feet and resampled. The samples were properly preserved and transported under Chain of Custody to Argon Laboratories of Hobbs, New Mexico. The samples were analyzed for TPH (EPA Method 418.1), Chlorides (Standards Method 4500-CL^-C, and BTEX (EPA Method 8021). The results of the analysis were as follows:

Sample ID	TPH (ppm)	Chloride (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Xylenes (ppm)
3C	190	390	ND	ND	ND	ND
4C	75	190	ND	ND	ND	ND
4B	32	600	ND	ND	ND	ND
5B	690	770	ND	ND	ND	ND
5A	120	580	ND	ND	ND	ND

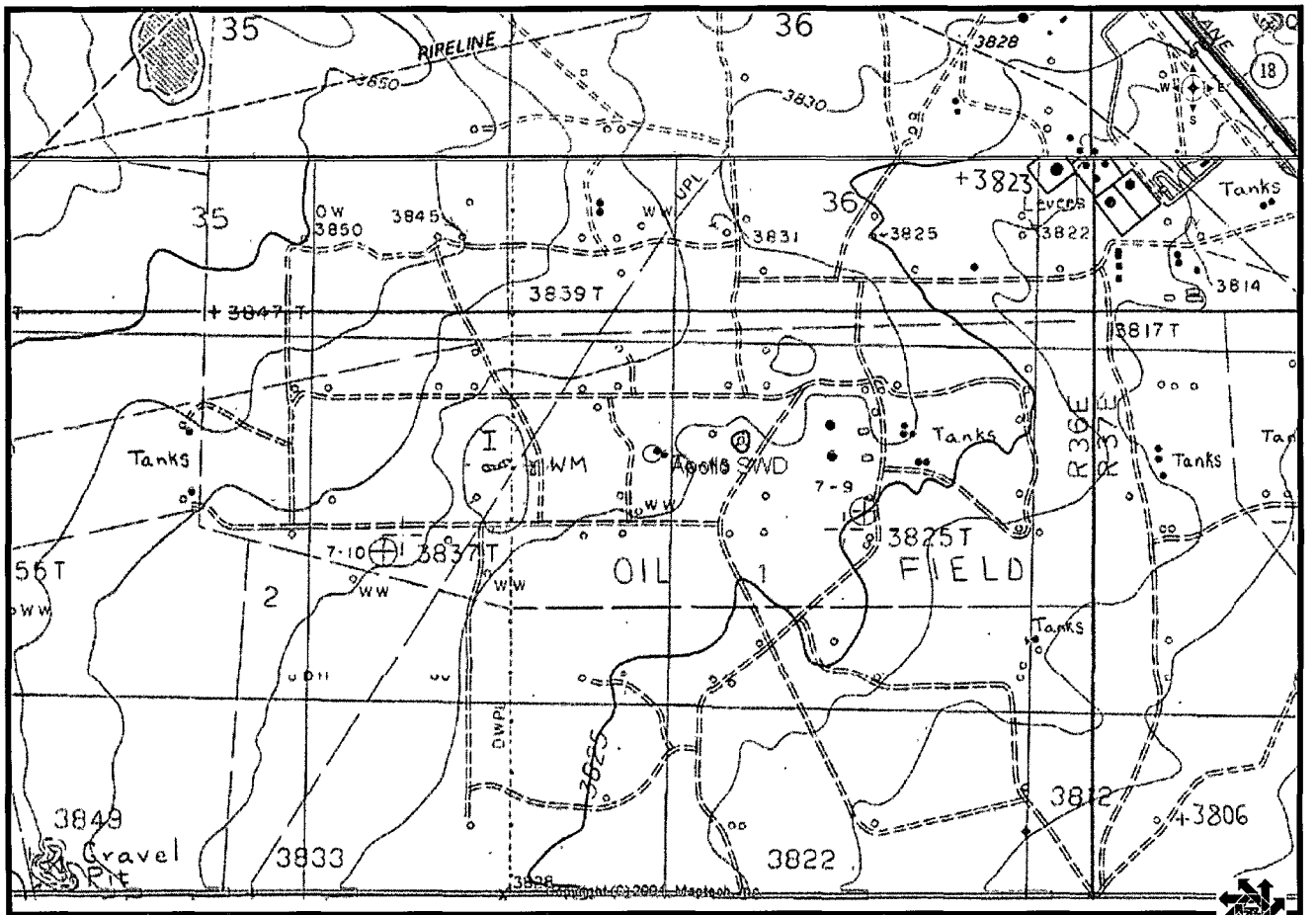
The results of the second sampling indicate levels under the 1000 ppm TPH action level required at this site.

The excavated area was lined with a 40 mil liner and backfilled with clean soil from offsite.

V. Figures & Appendices

Figure 1 - Vicinity Map
Figure 2 - Site Plan
Appendix A – Analytical Results
Appendix B – Monitor Well Results
Appendix C – Site Photos

Figure 1
Vicinity Map

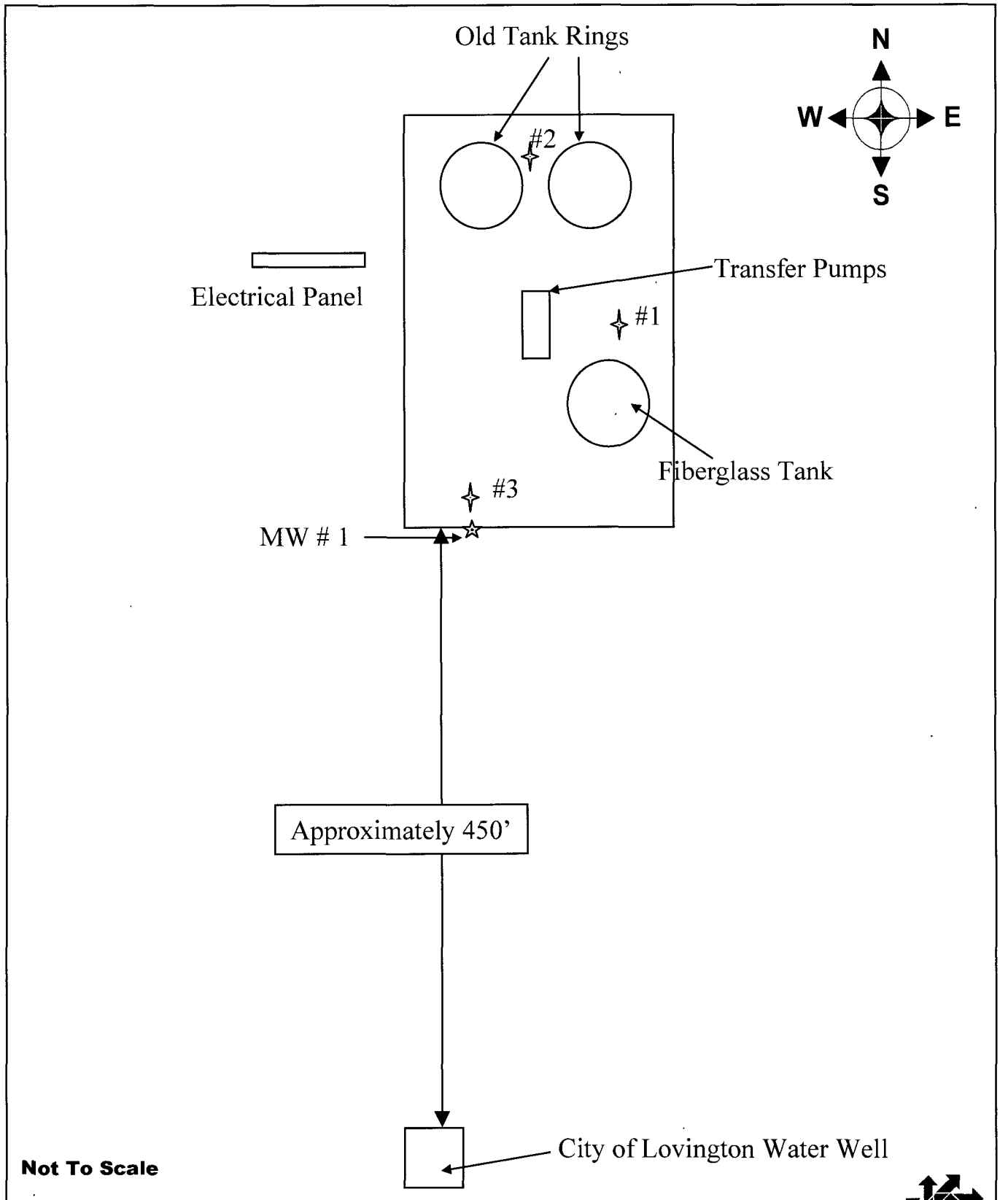


Saga Petroleum

Apollo SWD
S 1, T17S, R36E
Lea County, New Mexico

Safety & Environmental Solutions, Inc.

Figure 2
Site Plan



Saga Petroleum, LLC	**Apollo SWD** **Section 1, T17S, R36E** **Lea County, New Mexico**	***Safety & Environmental Solutions, Inc.***

Appendix A
Analytical Results

argon laboratories

SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
703 E. CLINTON, SUITE 102
HOBBS, NM 88240

REPORT DATE: 04/06/05
SAMPLE DATE: 04/04/06

ATTN: BOB ALLEN
CLIENT PROJ. ID: SAG-03-001
APOLLO WATER STATION

AL JOB #: A04081

Project Summary.

On April 4, 2006, this laboratory received 3 soil samples.

Samples were analyzed according to instructions in accompanying chain-of-custody Results of analysis are summarized on the following pages. Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Sample Control at (505) 397-0295

Hiram Cueto
Lab Manager

2126 W Marland Ave , Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296
email info@argonlabs.com

Argon Laboratories
CHAIN OF CUSTODY

Project Information	Report To	Samples Submitted To:
Project No. SAG-03-001 Project Title: Apollo Water Station Location: Lovington, NM Sampler's Name: (print) Sampler's Signature:	Consultant: Safety & Environmental Solutions, Inc Address: 703 E. Clinton, Suite 102 Hobbs, NM 88240 Contact: Phone: (505)397-0510 Fax: (505)393-4388 **Bill To:** Client: Address: SAME	Laboratory. Argon Labs Address. 2126 W Marland Ave Hobbs, NM 88240 Contact. Phone: (505)397-0295 Fax: (505)397-0296 Date Results Required: Date Report Required:

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 days)	
☐	☒	☐	☐	☐

Sample ID	Date	Time	# Containers	Matrix	TPH 8015M	TPH 418.1	BTEX	Chlorides	Sulfates								COMMENTS
																	Preservative
1A	4.4.06		1			X	X	X									
1B	4.4.06		1			X	X	X									
2A	4.4.06		1			X	X	X									

Relinquished By:	Date:	Time:	Received By:	Date:	Time.	SPECIAL INSTRUCTIONS.
	4.4.06	16:30		4.4.06	16:30	
Relinquished By	Date.	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time.	Received By:	Date:	Time	

Argon Laboratories Sample Receipt Checklist

Client Name: SESI Date & Time Received: 04/04/06 16:30

Project Name: Apollo Water Station Client Project Number: SAG-03-001

Received By: H.C Matrix: Water ☐ Soil ☑

Sample Carrier: Client ☑ Laboratory ☐ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number. A04081

Shipper Container in good condition? N/A____ Yes ☑ No ☐

Samples received under refrigeration? Yes ☑ No ☐

Chain of custody present? Yes ☑ No ☐

Chain of Custody signed by all parties? Yes ☑ No ☐

Chain of Custody matches all sample labels? Yes ☑ No ☐

Samples received in proper containers? Yes ☑ No ☐

Samples received intact? Yes ☑ No ☐

Sufficient sample volume for requested tests? Yes ☑ No ☐

Samples received within holding time? Yes ☑ No ☐

Do samples contain proper preservative? N/A ☑ Yes ☐ No ☐

Do VOA vials contain zero headspace? (None submitted ☑) Yes ☐ No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date. _____ Time: _____

Call Received By: _____

Comments: _____

argon laboratories

Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager. Bob Allen	A04081

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1A (A04081 Soil) Sampled: 04/04/06 Received: 04/04/06							
Total Petroleum Hydrocarbons	230	25	mg/Kg	5	04/04/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1A (A04081 Soil) Sampled: 04/04/06 Received: 04/04/06							
Benzene	ND	0.005	mg/Kg	1	04/04/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1A (A04081 Soil) Sampled: 04/04/06 Received: 04/04/06							
Chloride	2,300	250	mg/Kg	50	04/04/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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email info@argonlabs.com

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Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name. Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager. Bob Allen	A04081

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1B (A04082 Soil) Sampled: 04/04/06 Received: 04/04/06							
Total Petroleum Hydrocarbons	140	10	mg/Kg	2	04/04/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1B (A04082 Soil) Sampled: 04/04/06 Received: 04/04/06							
Benzene	ND	0.005	mg/Kg	1	04/04/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1B (A04082 Soil) Sampled: 04/04/06 Received: 04/04/06							
Chloride	2,300	250	mg/Kg	50	04/04/06	SM 4500 Cl^- C	

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Safety & Environmental Solutions, Inc.	Project Number. SAG-03-001	
703 E Clinton, Suite 102	Project Name Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04081

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2A (A04083 Soil) Sampled: 04/04/06 Received: 04/04/06							
Total Petroleum Hydrocarbons	210	25	mg/Kg	5	04/04/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2A (A04083 Soil) Sampled: 04/04/06 Received: 04/04/06							
Benzene	ND	0.005	mg/Kg	1	04/04/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2A (A04083 Soil) Sampled: 04/04/06 Received: 04/04/06							
Chloride	2,400	250	mg/Kg	50	04/04/06	SM 4500 Cl^- C	

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Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04081

TPH 418.1 - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
TPH	98 %	91 %	7 %	5.0	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
TPH	101 %	109 %	8 %	5.0	mg/Kg	

Note: Daily method blank showed no contamination at or above the reporting limits

BTEX 8021B - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
o-Xylene	94 %	89 %	4 %	0.005	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
Ethyl Benzene	103 %	97 %	6 %	0.005	mg/Kg	

Note Daily method blank showed no contamination at or above the reporting limits

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Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager. Bob Allen	A04081

Chloride - SM 4500 Cl^- - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
Chloride	95 %	88 %	8 %	10	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
Chloride	93 %	83 %	11 %	10	mg/Kg	

Note: Daily method blank showed no contamination at or above the reporting limits.

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SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
703 E. CLINTON, SUITE 102
HOBBS, NM 88240

REPORT DATE: 04/06/05
SAMPLE DATE: 04/05/06

ATTN BOB ALLEN
CLIENT PROJ ID: SAG-03-001
APOLLO WATER STATION

AL JOB #: A04091

Project Summary:

On April 5, 2006, this laboratory received 19 soil samples

Samples were analyzed according to instructions in accompanying chain-of-custody. Results of analysis are summarized on the following pages. Please see quality control report for a summary of QC data pertaining to this project

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Sample Control at (505) 397-0295

Hiram Cueto
Lab Manager

2126 W Marland Ave , Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296
email info@argonlabs.com

Argon Laboratories
CHAIN OF CUSTODY

Project Information:	Report To:	Samples Submitted To:
Project No: SAG-03-001 Project Title: Apollo Water STATION Location:	Consultant: Safety & Environmental Solutions, Inc Address: 703 E Clinton, Suite 102 Hobbs, NM 88240 Contact: Bob Allen Phone: (505)397-0510 Fax: (505)393-4388	Laboratory: Address: Argon Labs Contact: Phone: Fax:
Sampler's Name (print): Jim Stanguill Sampler's Signature: James Stanguill	Bill To: Client: SAME Address:	Date Results Required: Date Report Required:

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 days)	Special (10-14 days)
☐	☒	☐	☐	☐

Sample ID.	Date	Time	# Containers	Matrix	TPH 418.1	BTEX	Chloride	TPH-8015M								COMMENTS
																Preservative
1C	4-5-06		1	Soil	X	X	X									
1D	4-5-06		1		X	X	X									
1E	4-5-06		1		X	X	X									
2B	4-5-06		1		X	X	X									
2C	4-5-06		1		X	X	X									
2D	4-5-06		1		X	X	X									
2E	4-5-06		1		X	X	X									
3A	4-5-06		1		X	X	X									
3B	4-5-06		1		X	X	X									
3C	4-5-06		1		X	X	X									
3D	4-5-06		1		X	X	X									

Relinquished By:	Date.	Time.	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:
James Stanguill	4-5-06	8:30		4-5-06	8:30	
Relinquished By.	Date.	Time	Received By:	Date.	Time	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

Argon Laboratories
CHAIN OF CUSTODY

Project Information:	Report To:	Samples Submitted To:
Project No: SAGA 03-001	Consultant: Safety & Environmental Solutions, Inc	Laboratory:
Project Title: Apollo WATER STATION	Address: 703 E Clinton, Suite 102	Address:
Location:	Hobbs, NM 88240	
Sampler's Name: Jim Sturgell (print)	Contact: Bob Allen	Contact:
	Phone: (505)397-0510	Phone:
Sampler's Signature: Jim Sturgell	Fax. (505)393-4388	Fax:
	Bill To:	Date Results Required:
	Client: SAME	Date Report Required:
	Address:	

TURN AROUND TIME

RUSH	24 Hour	48 Hour	Standard (5 days)	Special (10-14 days)
☐	☑	☐	☐	☐

ANALYSIS

Sample ID.	Date	Time	# Containers	Matrix	TPH 418.1	BTEX	Chloride	TPH-8015M									COMMENTS
																	Preservative
4A	4-5-06		1	Soil	X	X	X										
4B	4-5-06		1		X	X	X										
4C	4-5-06		1		X	X	X										
4D	4-5-06		1		X	X	X										
5A	4-5-06		1		X	X	X										
5B	4-5-06		1		X	X	X										
5C	4-5-06		1		X	X	X										
5D	4-5-06		1		X	X	X										

Relinquished By	Date:	Time:	Received By	Date:	Time:	SPECIAL INSTRUCTIONS.
Jim Sturgell	4-5-06	4-5-06		4-5-06	8:30	
Relinquished By	Date:	Time:	Received By:	Date:	Time:	
Relinquished By.	Date:	Time:	Received By:	Date:	Time.	

Argon Laboratories Sample Receipt Checklist

Client Name: SESI Date & Time Received: 04/05/06 8:30

Project Name: Apollo Water Station Client Project Number: SAG-03-001

Received By: H.C. Matrix. Water ☐ Soil ☑

Sample Carrier: Client ☑ Laboratory ☐ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number: A04091

Shipper Container in good condition?				Samples received in proper containers?	Yes ☑	No ☐	
N/A_____	Yes ☑	No ☐		Samples received intact?	Yes ☑	No ☐	
Samples received under refrigeration?	Yes ☑	No ☐		Sufficient sample volume for requested tests?	Yes ☑	No ☐	
Chain of custody present?	Yes ☑	No ☐		Samples received within holding time?	Yes ☑	No ☐	
Chain of Custody signed by all parties?	Yes ☑	No ☐		Do samples contain proper preservative?	N/A ☑	Yes ☐	No ☐
Chain of Custody matches all sample labels?	Yes ☑	No ☐		Do VOA vials contain zero headspace?	(None submitted ☑)	Yes ☐	No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By. _____ Date: _____ Time. _____

Call Received By: _____

Comments: _____

argon laboratories

Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1C (A04091 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	460	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1C (A04091 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1C (A04091 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,200	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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email info@argonlabs.com

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Safety & Environmental Solutions, Inc	Project Number SAG-03-001	
703 E Clinton, Suite 102	Project Name Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1D (A04092 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	500	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1D (A04092 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1D (A04092 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,500	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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email info@argonlabs.com

argon laboratories

Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name Apollo Water Station	Work Order #.
Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1E (A04093 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	350	50	mg/Kg	10	04/05/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1E (A04093 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl⁻ C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
1E (A04093 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,300	250	mg/Kg	50	04/05/06	SM 4500 Cl⁻ C	

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Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2B (A04094 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	300	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2B (A04094 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2B (A04094 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,400	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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703 E Clinton, Suite 102	Project Name Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2C (A04095 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	140	10	mg/Kg	2	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

2C (A04095 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

2C (A04095 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,200	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Hobbs, NM 88240	Project Manager. Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2D (A04096 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	530	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

2D (A04096 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

2D (A04096 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	930	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
2E (A04097 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	530	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

2E (A04097 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

2E (A04097 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,100	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3A (A04098 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	260	25	mg/Kg	5	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3A (A04098 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3A (A04098 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,100	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3B (A04099 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	170	10	mg/Kg	2	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3B (A04099 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3B (A04099 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,300	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C (A04100 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	1,700	100	mg/Kg	20	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C (A04100 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C (A04100 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,100	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3D (A04101 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	690	50	mg/Kg	10	04/05/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3D (A04101 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0 005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3D (A04101 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	660	125	mg/Kg	25	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4A (A04102 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	240	25	mg/Kg	5	04/05/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4A (A04102 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0 010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4A (A04102 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,500	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Hobbs, NM 88240	Project Manager. Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4B (A04103 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	1,200	100	mg/Kg	20	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4B (A04103 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4B (A04103 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,200	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Hobbs, NM 88240	Project Manager: Bob Allen	A04091

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4C (A04104 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	1,400	100	mg/Kg	20	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4C (A04104 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4C (A04104 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	850	125	mg/Kg	25	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4D (A04105 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	640	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4D (A04105 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4D (A04105 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	870	125	mg/Kg	25	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5B (A04107 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	1,100	100	mg/Kg	20	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5B (A04107 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5B (A04107 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,200	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5A (A04106 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	1,400	100	mg/Kg	20	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

5A (A04106 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

5A (A04106 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,000	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5C (A04108 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	280	25	mg/Kg	5	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5C (A04108 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0.005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0 010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5C (A04108 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,600	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5D (A04109 Soil) Sampled: 04/05/06 Received: 04/05/06							
Total Petroleum Hydrocarbons	490	50	mg/Kg	10	04/05/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5D (A04109 Soil) Sampled: 04/05/06 Received: 04/05/06							
Benzene	ND	0 005	mg/Kg	1	04/05/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5D (A04109 Soil) Sampled: 04/05/06 Received: 04/05/06							
Chloride	1,800	250	mg/Kg	50	04/05/06	SM 4500 Cl^- C	

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TPH 418.1 - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
TPH	94 %	92 %	2 %	5.0	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
TPH	108 %	111 %	3 %	5.0	mg/Kg	

Note: Daily method blank showed no contamination at or above the reporting limits.

BTEX 8021B - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
Toluene	97 %	91 %	6 %	0.005	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
m,p-Xylenes	90 %	93 %	3 %	0.005	mg/Kg	

Note Daily method blank showed no contamination at or above the reporting limits

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Chloride - SM 4500 Cl^- - Quality Control

Analyte	MS Rec	MSD Rec	RPD	Reporting Limit	Units	Notes
Matrix Spike / Matrix Spike Duplicate						
Chloride	88 %	91 %	3 %	10	mg/Kg	

Analyte	LCS Rec	LCSD Rec	RPD	Reporting Limit	Units	Notes
Laboratory Control Spike / Laboratory Control Spike Duplicate						
Chloride	105 %	104 %	1 %	10	mg/Kg	

Note. Daily method blank showed no contamination at or above the reporting limits.

2126 W Marland Ave , Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296
email info@argonlabs.com

argon laboratories

SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
703 E CLINTON, SUITE 102
HOBBS, NM 88240

REPORT DATE: 04/14/06
SAMPLE DATE. 04/12/06

ATTN: BOB ALLEN
CLIENT PROJ. ID: SAG-03-001
APOLLO WATER STATION

AL JOB #: A04111

Project Summary:

On April 12, 2006, this laboratory received 5 soil samples.

Samples were analyzed according to instructions in accompanying chain-of-custody. Results of analysis are summarized on the following pages. Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Sample Control at (505) 397-0295

Hiram Cueto
Lab Manager

2126 W Marland Ave , Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296
email info@argonlabs.com

Argon Laboratories
CHAIN OF CUSTODY

Project Information:	Report To:	Samples Submitted To:
Project No: 2.96-03-001 Project Title: Apollo Water Station Location: Lovington	Consultant: Safety & Environmental Solutions, Inc. Address: 703 E Clinton, Suite 102 Hobbs, NM 88240 Contact: Bob Allen Phone: (505)397-0510 Fax: (505)393-4388	Laboratory: Argon Laboratories Address: Contact: Phone: Fax:
Sampler's Name: (print) Jim Stoegill Sampler's Signature: Jim Stoegill	**Bill To:** Client: SAME Address:	Date Results Required: Date Report Required:

TURN AROUND TIME					ANALYSIS												
RUSH	24 Hour	48 Hour	Standard (5 days)	Special (10-14 days)	TPH 418.1	BTEX	Chloride	TPH-8015M									COMMENTS
☐	☑	☐	☐	☐													

Sample ID	Date	Time	# Containers	Matrix													Preservative
3C-12'	4-12-06	8:50	1		X	X	X										
4C-12'	4-12-06	9:00	1		X	X	X										
4B-12'	4-12-06	9:30	1		X	X	X										
5B-12'	4-12-06	9:45	1		X	X	X										
5A-12'	4-12-06	10:00	1		X	X	X										

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:
James Stoegill	4-12-06		Bob Allen	4-12-06	2:14 PM	Rush!
Relinquished By:	Date:	Time:	Received By.	Date:	Time.	
Relinquished By.	Date:	Time:	Received By:	Date:	Time:	

Argon Laboratories Sample Receipt Checklist

Client Name. SESI Date & Time Received: 4/12/2006 14:30

Project Name. Apollo Water Station Client Project Number: SAG-03-001

Received By: PS Matrix Water ☐ Soil ☑

Sample Carrier: Client ☑ Laboratory ☐ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number A04111

Shipper Container in good condition?				Samples received in proper containers?	Yes ☑	No ☐	
	N/A	Yes ☑	No ☐	Samples received intact?	Yes ☑	No ☐	
Samples received under refrigeration?		Yes ☑	No ☐	Sufficient sample volume for requested tes	Yes ☑	No ☐	
Chain of custody present?		Yes ☑	No ☐	*Samples received within holding time?*	Yes ☑	No ☐	
Chain of Custody signed by all parties?		Yes ☑	No ☐	Do samples contain proper preservative?	N/A ☑ Yes ☐	No ☐	
Chain of Custody matches all sample labels?		Yes ☑	No ☐	Do VOA vials contain zero headspace?	(None submitted ☑ Yes ☐	No ☐	

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments: _____

Action Taken: _____

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments: _____

argon laboratories

Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E. Clinton, Suite 102	Project Name: Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04111

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C-12' (A04111) Sampled: 04/12/06 Received: 04/12/06							
Total Petroleum Hydrocarbons	190	25	mg/Kg	5	04/12/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C-12' (A04111) Sampled: 04/12/06 Received: 04/12/06							
Benzene	ND	0.005	mg/Kg	1	04/12/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
3C-12' (A04111) Sampled: 04/12/06 Received: 04/12/06							
Chloride	390	100	mg/Kg	10	04/12/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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argon laboratories

Safety & Environmental Solutions, Inc	Project Number SAG-03-001	
703 E. Clinton, Suite 102	Project Name Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04111

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4C-12' (A04112 Soil) Sampled: 04/12/06 Received: 04/12/06							
Total Petroleum Hydrocarbons	75	5.0	mg/Kg	1	04/12/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

4C-12' (A04112 Soil) Sampled: 04/12/06 Received: 04/12/06							
Benzene	ND	0.005	mg/Kg	1	04/12/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

4C-12' (A04112 Soil) Sampled: 04/12/06 Received: 04/12/06							
Chloride	190	50	mg/Kg	5	04/12/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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Safety & Environmental Solutions, Inc.	Project Number SAG-03-001	
703 E Clinton, Suite 102	Project Name Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager. Bob Allen	A04111

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
4B-12' (A04113 Soil) Sampled: 04/12/06 Received: 04/12/06							
Total Petroleum Hydrocarbons	32	5.0	mg/Kg	1	04/12/06	EPA 418.1	

Volatile Organics - EPA Method 8021B

4B-12' (A04113 Soil) Sampled: 04/12/06 Received: 04/12/06							
Benzene	ND	0.005	mg/Kg	1	04/12/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

4B-12' (A04113 Soil) Sampled: 04/12/06 Received: 04/12/06							
Chloride	600	200	mg/Kg	20	04/12/06	SM 4500 Cl^- C	

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Argon Laboratories

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Safety & Environmental Solutions, Inc.	Project Number SAG-03-001	
703 E Clinton, Suite 102	Project Name. Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager Bob Allen	A04111

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5B-12' (A04114 Soil) Sampled: 04/12/06 Received: 04/12/06							
Total Petroleum Hydrocarbons	690	50	mg/Kg	10	04/12/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

5B-12' (A04114 Soil) Sampled: 04/12/06 Received: 04/12/06							
Benzene	ND	0.005	mg/Kg	1	04/12/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0 010	"	"	"	"	

Chloride - SM 4500 Cl^- C

5B-12' (A04114 Soil) Sampled: 04/12/06 Received: 04/12/06							
Chloride	770	200	mg/Kg	20	04/12/06	SM 4500 Cl^- C	

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Argon Laboratories

QC Officer

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Safety & Environmental Solutions, Inc	Project Number SAG-03-001	
703 E. Clinton, Suite 102	Project Name. Apollo Water Station	Work Order #:
Hobbs, NM 88240	Project Manager: Bob Allen	A04111

Total Petroleum Hydrocarbons - EPA Method 418.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
5A-12' (A04115 Soil) Sampled: 04/12/06 Received: 04/12/06							
Total Petroleum Hydrocarbons	120	10	mg/Kg	2	04/12/06	EPA 418 1	

Volatile Organics - EPA Method 8021B

5A-12' (A04115 Soil) Sampled: 04/12/06 Received: 04/12/06							
Benzene	ND	0 005	mg/Kg	1	04/12/06	EPA 8021B	
Toluene	ND	"	"	"	"	"	
Ethyl Benzene	ND	"	"	"	"	"	
Xylenes	ND	0.010	"	"	"	"	

Chloride - SM 4500 Cl^- C

5A-12' (A04115 Soil) Sampled: 04/12/06 Received: 04/12/06							
Chloride	580	100	mg/Kg	10	04/12/06	SM 4500 Cl^- C	

Approved By
Argon Laboratories

QC Officer

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email info@argonlabs com

Appendix B
Monitor Well Results

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 04/07/05
Reporting Date: 04/11/05
Project Number: SAG-03-001
Project Name: APOLLO
Project Location: LEA COUNTY, NM

Sampling Date: 04/07/05
Sample Type. GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: BC

LAB NUMBER SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE	04/07/05	04/07/05	04/07/05	04/07/05
H9688-1 MW1	<0.002	<0 002	<0.002	<0.006
Quality Control	0.096	0.094	0.097	0.304
True Value QC	0.100	0.100	0.100	0.300
% Recovery	96.1	94.3	96.8	101
Relative Percent Difference	2.4	2.2	6.7	7.5

METHOD: EPA SW-846 8260

Burgess J. A. Cooke
Chemist

4/11/05
Date

H9688B.XLS

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 04/07/05
Reporting Date: 04/12/05
Project Number SAG-03-001
Project Name: APOLLO
Project Location: LEA COUNTY, NM

Sampling Date: 04/07/05
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:	04/11/05	04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
H9688-1 MW 1	71	78	30	2.57	700	336
Quality Control	NR	58	54	4.90	1322	NR
True Value QC	NR	50	50	5.00	1413	NR
% Recovery	NR	116	108	98.0	93.6	NR
Relative Percent Difference	NR	3.1	3.8	0.8	0.7	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

	Cl^- (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	04/11/05	04/11/05	04/11/05	04/11/05	04/11/05	04/12/05
H9688-1 MW 1	72	38	0	410	6.51	723
Quality Control	998	50.33	NR	961	7.12	NR
True Value QC	1000	50.00	NR	1000	7.00	NR
% Recovery	99.8	101	NR	96.1	102	NR
Relative Percent Difference	0.2	0.2	NR	1.6	2.3	1.4
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Amy Hill
Chemist

4/12/05
Date

H9688

CARDINAL LABORATORIES, INC.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name:	SAFETY & ENVIRONMENTAL SOLUTIONS	BILL TO	
Project Manager:	BOB ALLEN	P.O. #:	
Address:	703 E.CLINTON, #102	Company:	SAME
City:	HOBBS State: NM Zip: 88240	Attn:	
Phone #:	(505) 397-0510 Fax #: (505) 393-4388	Address:	
Project #:	SAG-03-001 Project Owner: SAGA PETROLEUM	City:	
Project Name:	APOLLO	State: Zip:	
Project Location:	LEA County, NM	Phone #:	
Sampler Name:	Simon Casas	Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	CATIONS	ANIONS
H9688-1	MW1	G	3	X							X		4-7-05	3915	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Simon Casas	Date: 4-7-05 Time: 1305	Received By:	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No REMARKS:
Relinquished By:	Date: 04/07/2005 Time: 2:10 PM	Received By: (Lab Staff)	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition: Temp, °C / Intact? ☒ Yes ☐ No	Checked By: (Initials)	

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: SERGIO CONTRERAS JR.
703 E. CLINTON, #101
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 03/10/06
Reporting Date: 03/16/06
Project Number: SAG 03-001
Project Name: APOLLO WATER STATION
Project Location: LOVINGTON, NM

Sampling Date: 03/10/06
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: AB/HM

LAB NUMBER SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u S/cm)	T-Alkalinity ($mgCaCO_3/L$)
ANALYSIS DATE:	03/15/06	03/10/06	03/10/06	03/10/06	03/10/06	03/13/06
H10884-1 MW#1	105	64	87	2.4	892	280
Quality Control	0.946	48	48.6	4.61	1468	NR
True Value QC	1.000	50	50.0	4.00	1413	NR
% Recovery	94.6	96	97.2	115	104	NR
Relative Percent Difference	1 1	0		14	1 2	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

LAB NUMBER SAMPLE ID	Cl^- (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	03/10/06	03/01/06	03/13/06	03/13/06	03/10/06	03/10/06
H10884-1 MW#1	72	123	0	342	7.11	536
Quality Control	510	24.02	NR	976	6.98	NR
True Value QC	500	25.00	NR	1000	7.00	NR
% Recovery	102	96.1	NR	97.6	99.7	NR
Relative Percent Difference	0	5	NR	0	0.14	NR
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

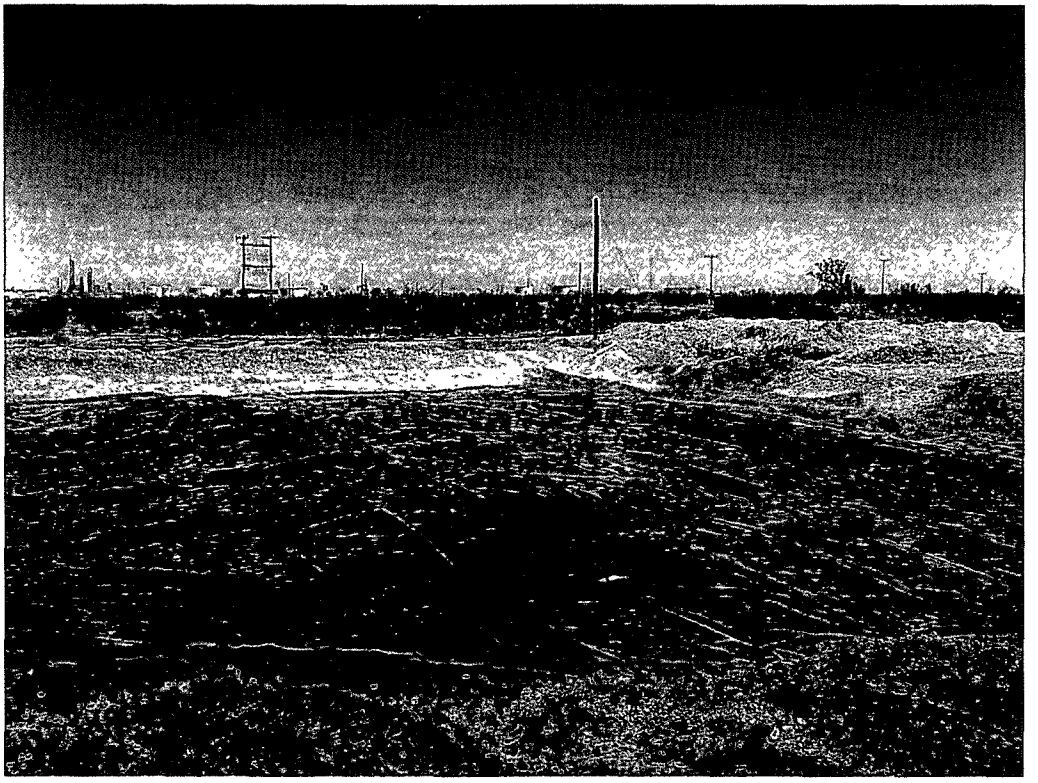
Chemist

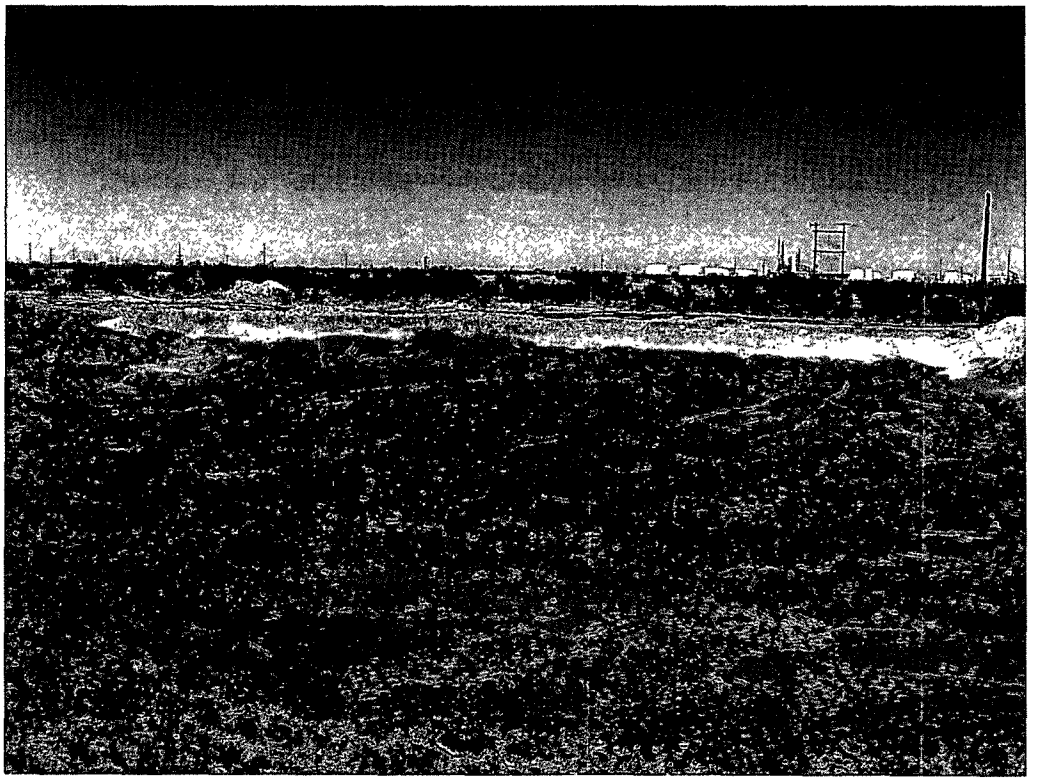
03-16-06
Date

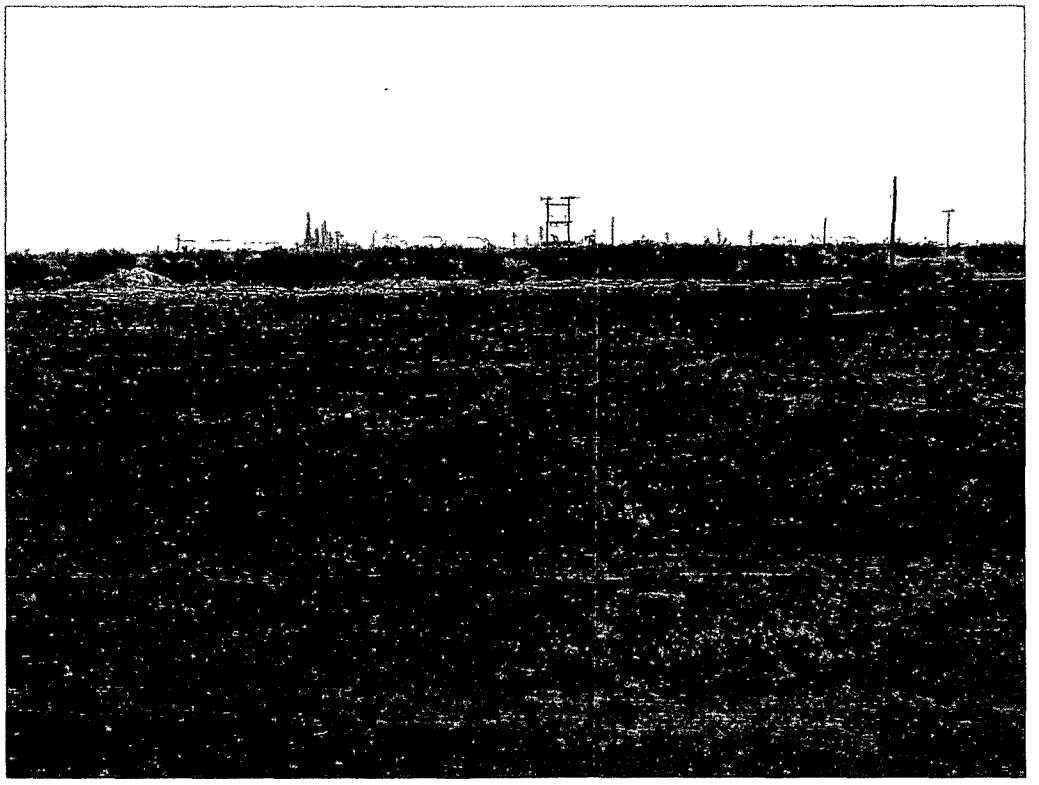
H10884

Cations and Anions Calculation Check								
	Sample Name	H10884-1						
	Well Number	MW#1						
	Date	03/16/06						
Equivalent Weight:	Lab	Cardinal						
22.99	Sodium (mg/L)	105						
20.04	Calcium (mg/L)	64						
12.15	Magnesium (mg/L)	87						
39.09	Potassium (mg/L)	2.4						
35.45	Chloride (mg/L)	72						
48.04	Sulfate (mg/L)	123						
30.00	Carbonate (mg/L)	0.0						
61.01	Bicarbonate (mg/L)	342						
50.04	Alkalinity (mg/L CaCO3)	280						
62.00	Nitrate (mg/L)	0.0						
	Sum Cations (meq/L)	15.0						
	Sum Anions (meq/L)	10.2						
	Percent Difference	-19.1						
	Measured TDS (evap., mg/L)	536						
	TDS (calc. USGS sum, mg/L)	621						
	TDS (meas.) / TDS (calc. USGS)	0.6						
	TDS (calc. sum, mg/L)	795						
	Elect. Conductivity (umhos/cm)	892						
	TDS (C*0.7, mg/L)	624						
	TDS (calc. USGS) / Conductivity	0.70						
Test Criteria								
1. Anion-Cation Balance:			Anion Sum	Max % diff.				
			0 - 3.0	± 0.2				
			3.0 - 10.0	± 2				
			10.0 - 800	± 5				
2. TDS, Measured to Calculated:			1.0 < (measured TDS/calculated TDS) < 1.2					
3. TDS (calculated USGS) to EC Ratio:			Calculated TDS/conductivity = 0.55 - 0.7					

Appendix C
Site Photos







CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: SERGIO CONTRERAS
703 E. CLINTON, STE. 101
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 06/26/06
Reporting Date: 06/29/06
Project Number: SAG-03-001
Project Name: APOLLO WATER STATION
Project Location: WEST HOBBS, NM

Sampling Date: 06/26/06
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: HM

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Cl (mg/L)
ANALYSIS DATE:		06/28/06	06/28/06
H11281-1	MW #1	507	88
Quality Control		NR	970
True Value QC		NR	1000
% Recovery		NR	97
Relative Percent Difference		NR	1.0

METHODS: EPA 600/4-79-02	160.1	4500-Cl⁻B*

*Std. Methods

Chemist

06-29-06
Date

H11281

CARDINAL LABORATORIES

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: SERGIO CONTRERAS
703 E. CLINTON, STE. 101
HOBBS, NM 88240
FAX TO: (505) 393-4388

Receiving Date: 06/26/06
Reporting Date: 06/28/06
Project Number: SAG-03-001
Project Name: APOLLO WATER STATION
Project Location: LOVINGTON, NM

Sampling Date: 06/26/06
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NUMBER SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE	06/27/06	06/27/06	06/27/06	06/27/06
H11281-1 MW #1	<0.002	<0.002	<0.002	<0.006
Quality Control	0.102	0.100	0.106	0.309
True Value QC	0.100	0.100	0.100	0.300
% Recovery	102	99.9	106	103
Relative Percent Difference	1.7	1.6	7.2	2.5

METHOD: EPA SW-846 8260

Chemist

6/28/06
Date

H11281B

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020

101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

Page____ of ____

Company Name:	SESI	BILL TO	PO #:
Project Manager:	S. Contreras	Company:	SAME
Address:	703 E. Clinton Ste 101	Attn:	
City:	Hobbs State: NM Zip: 88240	Address:	
Phone #:	505-397-0510	City:	
Fax #:	505-393-4388	State:	Zip:
Project #:	SAG03001 Project Owner: SAGA	Phone #:	
Project Name:	Apollo Water Station	Fax #:	
Project Location:	Lovington NM		

FOR LAB USE ONLY				MATRIX						PRES.			SAMPLING		ANALYSIS REQUEST		
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID:	ICE / COOL	OTHER :	DATE	TIME	TDS	Cl-	BTEX
H11281-1	MW #1		3	X							X		26 June 16	1:20p	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished:	Date:	Received By:	Phone Result ☐ Yes ☒ No Additional Fax #:
	Time:		Fax Result: ☐ Yes ☐ No
Relinquished By:	Date: 26 June 16	Received By: (Lab Staff)	REMARKS:
	Time:	Hope L Moreno	
Delivered By: (Circle One)	Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:			

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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RECEIVED

JAN 25 2008

HOBBS OCD

RECEIVED

JAN 25 2008

HOBBS OCD

12 December 2007

Bob Allen
Safety & Environmental Solutions, Inc.
703 E Clinton Ave
Hobbs, NM 88240

RE. Apollo Water Station Project Data
SAG-03-001

Enclosed are the results for sample(s) received on 12/03/07 08:35 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto
Lab Manager

2126 W. Marland Ave., Hobbs, NM 88240 • Phone (505) 397-0295 • Fax (505) 397-0296
email info@argonlabs.com

Argon Labs

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CHAIN OF CUSTODY

1046

Project No: 5AG-03-001
Project Title: APOLLO WATER STATION
Location: LOVINGTON, NM

Sampler's Name: (print) BOYER, DAVE

Sampler's Signature: D J Boyer

Client: SAFETY & ENVIRONMENTAL
Address: 703 E. CLINTON

Contact: BOYER, DAVE
Phone: 505-397-0510
Fax: 505-393-2388

Bill To:

Client:
Address: SAME

TURN AROUND TIME

RUSH	24 Hour	48 Hour	other	Standard (5 days)
☐	☐	☐	☐	☒

ANALYSIS

Sample ID.	Date	Time	# Containers	Matrix	Chloride	TDS	BTEX	COMMENTS
MW#1	11/30/07	1615	3	H2O	X	X	X	

Relinquished By:	Date:	Time:	Received By.	Date.	Time.	SPECIAL INSTRUCTIONS.
D J Boyer	12-03-07	0815	Janet Ellison	12/3/07	08:35	
Relinquished By:	Date.	Time.	Received By:	Date:	Time.	
	12-03-07	0835				
Relinquished By:	Date:	Time:	Received By	Date:	Time:	

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Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E. Clinton Ave	Project Name: Apollo Water Station	Work Order No:
Hobbs, NM 88240	Project Manager: Bob Allen	B712003

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW #1	B712003-01	Water	11/30/07 16 15	12/03/07 08:35

QC Officer Approval

Argon Laboratories, Inc

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email info@argonlabs.com

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Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E Clinton Ave	Project Name: Apollo Water Station	Work Order No
Hobbs, NM 88240	Project Manager: Bob Allen	B712003

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
MW #1 (B712003-01) Water Sampled: 11/30/07 16:15 Received: 12/03/07 08:35							
Chloride	**120**	1.0	mg/L	1	12/06/07	EPA 300 0	

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Safety & Environmental Solutions, Inc	Project Number SAG-03-001	
703 E Clinton Ave	Project Name Apollo Water Station	Work Order No .
Hobbs, NM 88240	Project Manager Bob Allen	B712003

BTEX EPA Method 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
MW #1 (B712003-01) Water Sampled: 11/30/07 16:15 Received: 12/03/07 08:35							
Benzene	ND	0 5	ug/L	1	12/06/07	8021B	
Toluene	ND	0.5	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	
Surr. Rec		*96 %*			"	"	

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Safety & Environmental Solutions, Inc	Project Number SAG-03-001	
703 E Clinton Ave	Project Name. Apollo Water Station	Work Order No
Hobbs, NM 88240	Project Manager. Bob Allen	B712003

Total Dissolved Solids - EPA Method 160.1

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
MW #1 (B712003-01) Water Sampled: 11/30/07 16:15 Received: 12/03/07 08:35							
Total Dissolved Solids	**630**	10	mg/L	1	12/06/07	EPA 160.1	

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Safety & Environmental Solutions, Inc.	Project Number: SAG-03-001	
703 E Clinton Ave	Project Name Apollo Water Station	Work Order No
Hobbs, NM 88240	Project Manager: Bob Allen	B712003

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch BQ00131 - General Prep								
Blank (BQ00131-BLK1)				Prepared & Analyzed 12/06/07				
Chloride	ND	1 0	mg/L					
LCS (BQ00131-BS1)				Prepared & Analyzed: 12/06/07				
Chloride	4 95		mg/L	5 00		99		
LCS Dup (BQ00131-BSD1)				Prepared & Analyzed: 12/06/07				
Chloride	5 00		mg/L	5 00		100	1	
Matrix Spike (BQ00131-MS1)				Prepared & Analyzed 12/06/07				
Chloride	4 85		mg/L	5 00		97		
Matrix Spike Dup (BQ00131-MSD1)				Prepared: 12/06/07 Analyzed 12/12/07				
Chloride	5 20		mg/L	5 00		104	7	

QC Officer Approval

Argon Laboratories, Inc

Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E Clinton Ave	Project Name: Apollo Water Station	Work Order No.
Hobbs, NM 88240	Project Manager: Bob Allen	B712003

BTEX EPA Method 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch BQ00133 - EPA 5030B								
Blank (BQ00133-BLK1)				Prepared & Analyzed: 12/06/07				
Surrogate a,a,a-Trifluorotoluene	*477*		*ug/L*	*50 0*		*954*		
Benzene	ND	0 5	"					
Toluene	ND	0 5	"					
Ethylbenzene	ND	0 5	"					
Xylenes (total)	ND	1 0	"					
LCS (BQ00133-BS1)				Prepared & Analyzed: 12/06/07				
Benzene	53 6		ug/L	50 0		107		
LCS Dup (BQ00133-BSD1)				Prepared & Analyzed. 12/06/07				
Benzene	51 4		ug/L	50 0		103	4	
Matrix Spike (BQ00133-MS1)				Prepared & Analyzed. 12/06/07				
Toluene	47 2		ug/L	50 0		94		
Matrix Spike Dup (BQ00133-MSD1)				Prepared & Analyzed: 12/06/07				
Toluene	48 6		ug/L	50 0		97	3	

QC Officer Approval

Argon Laboratories, Inc.

Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E Clinton Ave	Project Name: Apollo Water Station	Work Order No
Hobbs, NM 88240	Project Manager Bob Allen	B712003

Total Dissolved Solids - EPA Method 160.1 - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	RPD	Notes
Batch BQ00132 - General Prep								
Blank (BQ00132-BLK1)				Prepared & Analyzed 12/06/07				
Total Dissolved Solids	ND	10	mg/L					
LCS (BQ00132-BS1)				Prepared & Analyzed 12/06/07				
Total Dissolved Solids	940		mg/L	1000		94		
LCS Dup (BQ00132-BSD1)				Prepared & Analyzed. 12/06/07				
Total Dissolved Solids	950		mg/L	1000		95	1	
Matrix Spike (BQ00132-MS1)				Prepared & Analyzed: 12/06/07				
Total Dissolved Solids	1020		mg/L	1000		102		
Matrix Spike Dup (BQ00132-MSD1)				Prepared & Analyzed. 12/06/07				
Total Dissolved Solids	1000		mg/L	1000		100	2	

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Safety & Environmental Solutions, Inc	Project Number: SAG-03-001	
703 E. Clinton Ave	Project Name. Apollo Water Station	Work Order No
Hobbs, NM 88240	Project Manager Bob Allen	B712003

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

QC Officer Approval

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