

NOA 200118230



02143561

**GAL ID No.: 709-151,01-03**

October 12, 2007

Star Acquisitions VIII  
PO Box 118  
Marvel, CO 81329  
Attention: Kent Stevens

Project Name:  
Project Number:  
Date Received: 09/28/07

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, and Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020.

Samples were received by Green Analytical Laboratories, Inc. in good condition on 09/28/07.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

John Green  
Laboratory Manager

Enclosure

**Green Analytical Laboratories, Inc.**  
**75 Suttle Street**  
**Durango, CO 81303**

Star Acquisitions VIII  
 PO Box 118  
 Marvel, CO 81329  
 Attention: Kent Stevens

**GAL I.D.:** 709-151-02  
 Date Received: 09/28/07  
 Date Reported: 10/12/07

QC Batches:
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**PROJECT NAME:**  
**PROJECT NUMBER:**  
**SAMPLE I.D.:** 210 Tank

Sample Date: 09/28/07  
 Sample Matrix: Soil

## Metals

### RESULTS

PARAMETER	METHOD	REPORT		DILUTION	Units
		LIMIT	RESULT		
Arsenic	200.7	10	<10	100	mg/kg
Barium	200.7	1.0	105	100	mg/kg
✶ Boron	200.7	10	19.2	100	mg/kg
Cadmium	200.7	1.0	2.4	100	mg/kg
Chromium	200.7	1.0	12.4	100	mg/kg
Copper	200.7	2.0	122	100	mg/kg
Lead	200.7	5.0	37.4	100	mg/kg
Mercury	245.1	0.1	1.5	500	mg/kg
Molybdenum	200.7	10	<10	100	mg/kg
Nickel	200.7	2.0	17.4	100	mg/kg
Selenium	200.7	20	<20	100	mg/kg
Silver	200.7	1.0	<1.0	100	mg/kg
Zinc	200.7	5.0	311	100	mg/kg
Calcium	200.7		11.5		ppm
Magnesium	200.7		3.34		ppm
Potassium	200.7		1.65		ppm
Sodium	200.7		40.7		ppm
✶ SAR	Calc.		14.9		

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Date Received: 09/28/07

Date Reported: 10/12/07

QC Batches:

**PROJECT NAME:**

**PROJECT NUMBER:**

**SAMPLE I.D.:** 210 Tank

Sample Date: 09/28/07

Sample Matrix: Soil

## Wet Chemistry

### RESULTS

PARAMETER	METHOD	REPORT		UNITS
		LIMIT	RESULT	
Alkalinity as CaCO <sub>3</sub>	2320B	10	87	mg/L on paste extract
* Chloride	4500Cl	10	216	mg/L on paste extract
Conductivity	2510B		6.31	mS/cm on paste extract
pH	150.1	NA	7.78	SU on paste
Sulfate	4500SO <sub>4</sub>	10	72	mg/L on paste Extract

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**PROJECT NAME:**  
**PROJECT NUMBER:**  
**SAMPLE I.D.:** 210 Tank

Sample Date: 09/28/07  
Sample Matrix: Soil

## Petroleum Hydrocarbons

### RESULTS

<u>PARAMETER</u>	<u>METHOD</u>	<u>REPORT</u>		<u>DIL</u>	<u>UNITS</u>	<u>DATE</u>	
		<u>LIMIT</u>	<u>RESULT</u>			<u>ANALYZED</u>	<u>ANALYST</u>
Benzene	8021		See Attached	1	µg/kg		
Toluene	8021		See Attached	1	µg/kg		
Ethylbenzene	8021		See Attached	1	µg/kg		
Xylene, total	8021		See Attached	1	µg/kg		
TPHGRO	8015		See Attached	1	µg/kg		
TPHDRO	8015		See Attached	1	mg/kg		
TPHORO	8015		See Attached	1	mg/kg		

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Date Received: 09/28/07  
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QC Batches:

**PROJECT NAME:**  
**PROJECT NUMBER:**  
**SAMPLE I.D.:**

Land Farm Turner 2

Sample Date: 09/28/07  
Sample Matrix: Soil

## Metals

### RESULTS

PARAMETER	METHOD	REPORT		DILUTION	Units
		LIMIT	RESULT		
Arsenic	200.7	10	<10	100	mg/kg
Barium	200.7	1.0	121	100	mg/kg
Boron	200.7	10	20.2	100	mg/kg
Cadmium	200.7	1.0	1.7	100	mg/kg
Chromium	200.7	1.0	12.3	100	mg/kg
Copper	200.7	2.0	28.5	100	mg/kg
Lead	200.7	5.0	16.5	100	mg/kg
Mercury	245.1	0.1	0.1	500	mg/kg
Molybdenum	200.7	10	<10	100	mg/kg
Nickel	200.7	2.0	16.7	100	mg/kg
Selenium	200.7	20	<20	100	mg/kg
Silver	200.7	1.0	<1.0	100	mg/kg
Zinc	200.7	5.0	72.1	100	mg/kg
Calcium	200.7		3.7		ppm
Magnesium	200.7		1.26		ppm
Potassium	200.7		0.43		ppm
Sodium	200.7		1.88		ppm
SAR	Calc.		1.19		

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Date Received: 09/28/07  
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QC Batches:
-------------

**PROJECT NAME:**  
**PROJECT NUMBER:**  
**SAMPLE I.D.:** Land Farm Turner 2

Sample Date: 09/28/07  
Sample Matrix: Soil

## Wet Chemistry

### RESULTS

PARAMETER	METHOD	REPORT		UNITS
		LIMIT	RESULT	
Alkalinity as CaCO <sub>3</sub>	2320B	10	68	mg/L on paste extract
Chloride	4500Cl	10	<10	mg/L on paste extract
Conductivity	2510B		0.63	mS/cm on paste extract
pH	150.1	NA	7.96	SU on paste
Sulfate	4500SO <sub>4</sub>	10	48	mg/L on paste Extract

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Date Received: 09/28/07  
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QC Batches:

**PROJECT NAME:**  
**PROJECT NUMBER:**  
**SAMPLE I.D.:** Land Farm Turner 2

Sample Date: 09/28/07  
Sample Matrix: Soil

## Petroleum Hydrocarbons

### RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	DATE	
		LIMIT	RESULT			ANALYZED	ANALYST
Benzene	8021		See Attached	1	µg/kg		
Toluene	8021		See Attached	1	µg/kg		
Ethylbenzene	8021		See Attached	1	µg/kg		
Xylene, total	8021		See Attached	1	µg/kg		
TPHGRO	8015		See Attached	1	µg/kg		
TPHDRO	8015		See Attached	1	mg/kg		
TPHORO	8015		See Attached	1	mg/kg		

10 October 2007

Debbie Zufelt  
Green Analytical  
75 Suttle Street  
Durango, CO 81303  
RE: Star Aquisitions

Enclosed are the results of analyses for samples received by the laboratory on 10/03/07 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Albert Vargas".

Albert Vargas  
Project Coordinator

Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

Reported:  
10/10/07 16:10

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pinon Mesa Meter Run	T701288-01	Soil	09/28/07 11:45	10/03/07 09:00
210 Tank	T701288-02	Soil	09/28/07 11:45	10/03/07 09:00
Land Farm Turner 2	T701288-03	Soil	09/28/07 11:45	10/03/07 09:00

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SunStar Laboratories, Inc.



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Albert Vargas, Project Coordinator

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

Reported:  
10/10/07 16:10

**210 Tank**  
**T701288-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015m**

C6-C12 (GRO)	ND	10	mg/kg	1	7100309	10/03/07	10/03/07	EPA 8015m	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
✓ C29-C40 (MORO)	38	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		114 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Benzene	ND	10	ug/kg	1	7100312	10/03/07	10/05/07	EPA 8021B	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
m,p-Xylene	ND	20	"	"	"	"	"	"	
o-Xylene	ND	10	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.



Albert Vargas, Project Coordinator

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Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

Reported:  
10/10/07 16:10

**Land Farm Turner 2**  
**T701288-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015m**

C6-C12 (GRO)	ND	10	mg/kg	1	7100309	10/03/07	10/03/07	EPA 8015m	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	620	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		135 %	65-135		"	"	"	"	

**Volatile Organic Compounds by EPA Method 8021B**

Benzene	ND	10	ug/kg	1	7100312	10/03/07	10/05/07	EPA 8021B	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
m,p-Xylene	ND	20	"	"	"	"	"	"	
o-Xylene	ND	10	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.

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*Albert Vargas*

Albert Vargas, Project Coordinator

Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

Reported:  
10/10/07 16:10

**Extractable Petroleum Hydrocarbons by 8015m - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7100309 - EPA 3550B GC**

**Blank (7100309-BLK1)**

Prepared & Analyzed: 10/03/07

Surrogate: <i>p</i> -Terphenyl	125		mg/kg	100		125	65-135			
C6-C12 (GRO)	ND	10	"							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							

**LCS (7100309-BS1)**

Prepared: 10/03/07 Analyzed: 10/05/07

Surrogate: <i>p</i> -Terphenyl	127		mg/kg	100		127	65-135			
C13-C28 (DRO)	520	10	"	500		103	75-125			

**Matrix Spike (7100309-MS1)**

Source: T701285-21

Prepared: 10/03/07 Analyzed: 10/05/07

Surrogate: <i>p</i> -Terphenyl	117		mg/kg	100		117	65-135			
C13-C28 (DRO)	500	10	"	500	ND	99.9	75-125			

**Matrix Spike Dup (7100309-MSD1)**

Source: T701285-21

Prepared: 10/03/07 Analyzed: 10/05/07

Surrogate: <i>p</i> -Terphenyl	129		mg/kg	100		129	65-135			
C13-C28 (DRO)	590	10	"	500	ND	119	75-125	17.4	20	

SunStar Laboratories, Inc.

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*Albert Vargas*

Albert Vargas, Project Coordinator

Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

Reported:  
10/10/07 16:10

**Volatile Organic Compounds by EPA Method 8021B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7100312 - EPA 5030 GC**

**Blank (7100312-BLK1)**

Prepared: 10/03/07 Analyzed: 10/05/07

<i>Surrogate: 4-Bromofluorobenzene</i>	39.2		ug/kg	40.0		97.9	65-135			
Benzene	ND	10	"							
Toluene	ND	10	"							
Ethylbenzene	ND	10	"							
m,p-Xylene	ND	20	"							
o-Xylene	ND	10	"							

**LCS (7100312-BS1)**

Prepared: 10/03/07 Analyzed: 10/05/07

<i>Surrogate: 4-Bromofluorobenzene</i>	38.2		ug/kg	40.0		95.6	65-135			
Benzene	93.0	10	"	100		93.0	70-130			
Toluene	96.0	10	"	100		96.0	70-130			
Ethylbenzene	107	10	"	100		107	70-130			
m,p-Xylene	215	20	"	200		107	70-130			
o-Xylene	114	10	"	100		114	70-130			

**Matrix Spike (7100312-MS1)**

Source: T701288-01

Prepared: 10/03/07 Analyzed: 10/05/07

<i>Surrogate: 4-Bromofluorobenzene</i>	38.0		ug/kg	40.0		95.1	65-135			
Benzene	72.7	10	"	100	ND	72.7	70-130			
Toluene	72.0	10	"	100	ND	72.0	70-130			
Ethylbenzene	72.2	10	"	100	ND	72.2	70-130			
m,p-Xylene	140	20	"	200	ND	70.2	70-130			
o-Xylene	78.2	10	"	100	ND	78.2	70-130			

**Matrix Spike Dup (7100312-MSD1)**

Source: T701288-01

Prepared: 10/03/07 Analyzed: 10/05/07

<i>Surrogate: 4-Bromofluorobenzene</i>	39.3		ug/kg	40.0		98.2	65-135			
Benzene	83.1	10	"	100	ND	83.1	70-130	13.4	20	
Toluene	82.3	10	"	100	ND	82.3	70-130	13.3	20	
Ethylbenzene	84.4	10	"	100	ND	84.4	70-130	15.6	20	
m,p-Xylene	163	20	"	200	ND	81.7	70-130	15.2	20	
o-Xylene	91.0	10	"	100	ND	91.0	70-130	15.1	20	

SunStar Laboratories, Inc.



Albert Vargas, Project Coordinator

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Green Analytical  
75 Suttle Street  
Durango CO, 81303

Project: Star Aquisitions  
Project Number: [none]  
Project Manager: Debbie Zufelt

**Reported:**  
10/10/07 16:10

### 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

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SunStar Laboratories, Inc.



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Albert Vargas, Project Coordinator

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**Client Name:** Star Acquisitions VIII

**Address:** PO Box 118

**City, St Zip:** Marvel, CO 81329

**Attention:** Kent Stevens

**Date Received:** 09/28/07

**Date Reported:** 10/12/07

**Lab I.D.:** 709-151,01-03

**Project Name:**

**Project Number:**

**Sample I.D.:**

**Sample Date:** 09/28/07

**Sample Time:**

**Date Extracted:**

**Date Analyzed:**

**ADHS No.**

**Sample Units**

**Sample Matrix** Water

Default for ND