

Evergreen Analytical, Inc.  
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862  
(303) 425-6021



Client Project ID Sterling  
Collection Date: 4/16/04

Lab Order: 04-2574  
Date Received: 4/16/04  
Units:  $\mu\text{mhos/cm}$

Specific Conductance @ 25°C  
Specific Conductance

Method: Dept of Ag.

Prep Method:

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
04-2574-01A	SB01 (12-16')	Soil	4/19/04	4/21/04	2030	1.00	1
04-2574-02A	SB01 (0-4')	Soil	4/19/04	4/21/04	8260	1.00	1
04-2574-03A	SB02 (12-16')	Soil	4/19/04	4/21/04	1640	1.00	1
04-2574-04A	SB02 (0-4')	Soil	4/19/04	4/21/04	1740	1.00	1
04-2574-05A	SB03 (8-12')	Soil	4/19/04	4/21/04	2900	1.00	1
04-2574-06A	SB03 (0-4')	Soil	4/19/04	4/21/04	4000	1.00	1
04-2574-07A	SB04 (12-16')	Soil	4/19/04	4/21/04	1840	1.00	1
04-2574-08A	SB04 (4-8')	Soil	4/19/04	4/21/04	3420	1.00	1
04-2574-09A	SB05 (8-12')	Soil	4/19/04	4/21/04	2150	1.00	1
04-2574-10A	SB05 (0-4')	Soil	4/19/04	4/21/04	2820	1.00	1
04-2574-11A	SB06 (12-16')	Soil	4/19/04	4/21/04	1790	1.00	1
04-2574-12A	SB06 (0-4')	Soil	4/19/04	4/21/04	1880	1.00	1
04-2574-13A	SB07 (8-12')	Soil	4/19/04	4/21/04	2890	1.00	1
04-2574-14A	SB08 (0-4')	Soil	4/19/04	4/21/04	8550	1.00	1
04-2574-15A	SB09 (0-4')	Soil	4/19/04	4/21/04	9080	1.00	1

Comments Method :US Dept. of Ag, Handbook #60, p89

Analyst

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL  
U - Compound analyzed for but not detected  
X - See case narrative

Definitions: DF - Dilution Factor  
LQL - Lower Quantitation Limit

Print Date: 4/21/04

**Evergreen Analytical, Inc.**

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021


Client Project ID Sterling  
Collection Date: 4/16/2004Lab Order: 04-2574  
Date Received: 4/16/2004  
Units: mg/Kg**Total Recoverable Petroleum Hydrocarbons (TRPH)****TRPH**

Method: E418.1

Prep Method:

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
04-2574-01B	SB01 (12-16')	Soil	4/19/2004	4/19/2004	U	3.3	1
04-2574-02B	SB01 (0-4')	Soil	4/19/2004	4/19/2004	180	3.3	1
04-2574-03B	SB02 (12-16)	Soil	4/19/2004	4/19/2004	11	3.3	1
04-2574-04B	SB02 (0-4')	Soil	4/19/2004	4/19/2004	120	3.3	1
04-2574-05B	SB03 (8-12')	Soil	4/19/2004	4/19/2004	4.9	3.3	1
04-2574-06B	SB03 (0-4')	Soil	4/19/2004	4/19/2004	46	3.3	1
04-2574-07B	SB04 (12-16')	Soil	4/19/2004	4/19/2004	7.7	3.3	1
04-2574-08B	SB04 (4-8')	Soil	4/19/2004	4/19/2004	32	3.3	1
04-2574-09B	SB05 (8-12)	Soil	4/19/2004	4/19/2004	7.8	3.3	1
04-2574-10B	SB05 (0-4)	Soil	4/19/2004	4/19/2004	170	3.3	1
04-2574-11B	SB06 (12-16)	Soil	4/19/2004	4/19/2004	8.5	3.3	1
04-2574-12B	SB06 (0-4)	Soil	4/19/2004	4/19/2004	10	3.3	1
04-2574-13B	SB07 (8-12')	Soil	4/19/2004	4/19/2004	11	3.3	1
04-2574-14B	SB08 (0-4)	Soil	4/19/2004	4/19/2004	180	3.3	1
04-2574-15B	SB09 (0-4)	Soil	4/19/2004	4/19/2004	120	3.3	1

Comments Blank value subtracted

  
Analyst  
ApprovedQualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL  
U - Compound analyzed for but not detected  
X - See case narrativeDefinitions: DF - Dilution Factor  
LQL - Lower Quantitation Limit

Print Date: 4/19/2004

**Evergreen Analytical, Inc.**

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Sample ID: SB05 (8-12)

Client Project ID: Sterling

Date Collected: 4/16/04

Date Received: 4/16/04

Lab Work Order: 04-2574

Lab Sample ID: 04-2574-09

Sample Matrix: Soil

**6010 DISSOLVED METALS, WATER**

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 4/20/04

Lab File ID: 0421PM

Dilution Factor: 1

Date Analyzed: 4/21/04

Method Blank: MB-4412

Lab Fraction ID: 04-2574-09A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	47	1.9	mg/L
Magnesium	7439-95-4	13	0.75	mg/L
Sodium	7440-23-5	340 B	2.0	mg/L

**SODIUM ADSORPTION RATIO, SOIL**

Method: USDA

Prep Method:

Date Prepared: 4/20/04

Dilution Factor: 1

Date Analyzed: 4/21/04

Lab Fraction ID: 04-2574-09A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		11	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result  
E - Extrapolated value. Value exceeds calibration range  
H - Sample exceeded analytical holding time  
J - Indicates an estimated value when the compound is detected, but is below the LQL  
S - Spike Recovery outside accepted limits  
U - Compound analyzed for but not detected  
X - See case narrative  
\* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable  
LQL - Lower Quantitation Limit  
Surr - Surrogate

Print Date: 4/22/04

**Evergreen Analytical, Inc.**

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Sample ID: SB05 (0-4)

Client Project ID: Sterling

Date Collected: 4/16/04

Date Received: 4/16/04

Lab Work Order: 04-2574

Lab Sample ID: 04-2574-10

Sample Matrix: Soil

**6010 DISSOLVED METALS, WATER**

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 4/20/04

Lab File ID: 0421PM

Dilution Factor: 1

Date Analyzed: 4/21/04

Method Blank: MB-4412

Lab Fraction ID: 04-2574-10A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	110	1.9	mg/L
Magnesium	7439-95-4	37	0.75	mg/L
Sodium	7440-23-5	370 B	2.0	mg/L

**SODIUM ADSORPTION RATIO, SOIL**

Method: USDA

Prep Method:

Date Prepared: 4/20/04

Dilution Factor: 1

Date Analyzed: 4/21/04

Lab Fraction ID: 04-2574-10A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		7.8	0.10	ratio



Analyst



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E - Extrapolated value. Value exceeds calibration range  
H - Sample exceeded analytical holding time  
J - Indicates an estimated value when the compound is detected, but is below the LQL  
S - Spike Recovery outside accepted limits  
U - Compound analyzed for but not detected  
X - See case narrative  
\* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable  
LQL - Lower Quantitation Limit  
Surr - Surrogate

Print Date: 4/22/04

**Evergreen Analytical, Inc.**

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Sample ID: SB06 (12-16)

Client Project ID: Sterling

Date Collected: 4/16/04

Date Received: 4/16/04

Lab Work Order: 04-2574

Lab Sample ID: 04-2574-11

Sample Matrix: Soil

**6010 DISSOLVED METALS, WATER**

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 4/20/04

Lab File ID: 0421PM

Dilution Factor: 1

Date Analyzed: 4/21/04

Method Blank: MB-4412

Lab Fraction ID: 04-2574-11A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	58	1.9	mg/L
Magnesium	7439-95-4	12	0.75	mg/L
Sodium	7440-23-5	250 B	2.0	mg/L

**SODIUM ADSORPTION RATIO, SOIL**

Method: USDA

Prep Method:

Date Prepared: 4/20/04

Dilution Factor: 1

Date Analyzed: 4/21/04

Lab Fraction ID: 04-2574-11A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		7.8	0.10	ratio

  
Analyst  
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Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result  
E - Extrapolated value. Value exceeds calibration range  
H - Sample exceeded analytical holding time  
J - Indicates an estimated value when the compound is detected, but is below the LQL  
S - Spike Recovery outside accepted limits  
U - Compound analyzed for but not detected  
X - See case narrative  
\* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable  
LQL - Lower Quantitation Limit  
Surr - Surrogate

Print Date: 4/22/04

**Evergreen Analytical, Inc.**

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Sample ID: SB06 (0-4)

Client Project ID: Sterling

Date Collected: 4/16/04

Date Received: 4/16/04

Lab Work Order: 04-2574

Lab Sample ID: 04-2574-12

Sample Matrix: Soil

**6010 DISSOLVED METALS, WATER**

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 4/20/04

Lab File ID: 0421PM

Dilution Factor: 1

Date Analyzed: 4/21/04

Method Blank: MB-4412

Lab Fraction ID: 04-2574-12A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	53	1.9	mg/L
Magnesium	7439-95-4	14	0.75	mg/L
Sodium	7440-23-5	270 B	2.0	mg/L

**SODIUM ADSORPTION RATIO, SOIL**

Method: USDA

Prep Method:

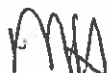
Date Prepared: 4/20/04

Dilution Factor: 1

Date Analyzed: 4/21/04

Lab Fraction ID: 04-2574-12A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		8.5	0.10	ratio



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Definitions: NA - Not Applicable  
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Print Date: 4/22/04