



Mountain States

ACCUTEST  
LABORATORIES

4

Sample Results

Report of Analysis



## Report of Analysis

Client Sample ID: RINCON PARKS #2-SKIM PIT	Date Sampled: 03/31/14
Lab Sample ID: D56482-1	Date Received: 04/02/14
Matrix: SO - Soil	Percent Solids: 85.3
Method: SW846 8260B	
Project: Rincon Parks #2-Skim Pit Closure	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3V29995.D	1	04/10/14	JL	n/a	n/a	V3V1753
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.03 g	5.0 ml	100 ul
Run #2			

## Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	67	25	ug/kg	
108-88-3	Toluene	ND	130	67	ug/kg	
100-41-4	Ethylbenzene	ND	130	25	ug/kg	
1330-20-7	Xylene (total)	ND	270	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	91%		64-130%
460-00-4	4-Bromofluorobenzene	101%		62-131%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

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

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

## Report of Analysis

Client Sample ID: RINCON PARKS #2-SKIM PIT  
Lab Sample ID: D56482-1  
Matrix: SO - Soil  
Method: SW846 8015B  
Project: Rincon Parks #2-Skim Pit Closure

Date Sampled: 03/31/14  
Date Received: 04/02/14  
Percent Solids: 85.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB24380.D	1	04/02/14	AR	n/a	n/a	GGB1336
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	13	6.7	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	95%		60-140%		

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

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

## Report of Analysis

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Client Sample ID: RINCON PARKS #2-SKIM PIT  
 Lab Sample ID: D56482-1  
 Matrix: SO - Soil  
 Method: SW846-8015B SW846 3546  
 Project: Rincon Parks #2-Skim Pit Closure

Date Sampled: 03/31/14  
 Date Received: 04/02/14  
 Percent Solids: 85.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FD30335.D	1	04/11/14	JS	04/08/14	OP9695	GFD1466
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	42.1	7.8	5.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	63%		20-130%		

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

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

## Report of Analysis

Client Sample ID: RINCON PARKS #2-SKIM PIT  
Lab Sample ID: D56482-1  
Matrix: SO - Soil  
Project: Rincon Parks #2-Skim Pit Closure

Date Sampled: 03/31/14  
Date Received: 04/02/14  
Percent Solids: 85.3

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids Solids, Percent	85.3		%	1	04/03/14	SWT	SM2540G-2011 M
prep: DEPT.OF AG, BOOK N9 Specific Conductivity	457	1.0	umhos/cm	1	04/11/14	RW	SM 2510B-2011 MOD
pH	8.14		su	1	04/03/14 11:10	JB	SW846 9045D

RL = Reporting Limit

## Report of Analysis

Client Sample ID: RINCON PARKS #2-SKIM PIT  
Lab Sample ID: D56482-1A  
Matrix: SO - Soil  
Project: Rincon Parks #2-Skim Pit Closure

Date Sampled: 03/31/14  
Date Received: 04/02/14  
Percent Solids: 85.3

## SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	46.2	2.0	mg/l	1	04/11/14	04/11/14 JB	SW846 6010C <sup>1</sup>	SW846 3010A/M <sup>2</sup>
Magnesium	9.33	1.0	mg/l	1	04/11/14	04/11/14 JB	SW846 6010C <sup>1</sup>	SW846 3010A/M <sup>2</sup>
Sodium	8.99	2.0	mg/l	1	04/11/14	04/11/14 JB	SW846 6010C <sup>1</sup>	SW846 3010A/M <sup>2</sup>

(1) Instrument QC Batch: MA4654

(2) Prep QC Batch: MP12708

RL = Reporting Limit

## Report of Analysis

Client Sample ID: RINCON PARKS #2-SKIM PIT	Date Sampled: 03/31/14
Lab Sample ID: D56482-1A	Date Received: 04/02/14
Matrix: SO - Soil	Percent Solids: 85.3
Project: Rincon Parks #2-Skim Pit Closure	

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.315		ratio	1	04/11/14 16:45	JB	USDA HANDBOOK 60

(a) Calculated as:  $(\text{Na meq/L}) / \sqrt{[(\text{Ca meq/L}) + (\text{Mg meq/L})/2]}$

RL = Reporting Limit