

**Accutest Mountain States****Dec 16, 2014 10:12 am****Job Number:****D65436**

API 113-06272

**Account:****CCI**

Document 2313490

**Project:****Summit 1 Reclaim, San Migual County****Project Number:****AFE-100066-7010-7400****Legend:** Hit

<b>Client Sample ID:</b>	<b>1 DIESEL FUEL TANK</b>	<b>1 DIESEL FUEL TANK</b>	<b>2 CUTTINGS BINS</b>	<b>2 CUTTINGS BINS</b>
<b>Lab Sample ID:</b>	<b>D65436-1</b>	<b>D65436-1A</b>	<b>D65436-2</b>	<b>D65436-2A</b>
<b>Date Sampled:</b>	<b>12/05/2014</b>	<b>12/05/2014</b>	<b>12/05/2014</b>	<b>12/05/2014</b>
<b>Matrix:</b>	<b>Soil</b>	<b>Soil</b>	<b>Soil</b>	<b>Soil</b>

**GC/MS Volatiles (SW846 8260B)**

Benzene	ug/kg	ND (1.2)	-	ND (1.4)	-
Toluene	ug/kg	ND (1.2)	-	ND (1.4)	-
Ethylbenzene	ug/kg	ND (1.2)	-	ND (1.4)	-
Xylene (total)	ug/kg	ND (3.3)	-	ND (3.7)	-

**GC/MS Semi-volatiles (SW846 8270D BY SIM)**

Acenaphthene	ug/kg	ND (14)	-	ND (14)	-
Anthracene	ug/kg	ND (9.0)	-	ND (8.9)	-
Benzo(a)anthracene	ug/kg	ND (1.8)	-	ND (1.8)	-
Benzo(a)pyrene	ug/kg	ND (1.8)	-	ND (1.8)	-
Benzo(b)fluoranthene	ug/kg	ND (1.8)	-	ND (1.8)	-
Benzo(k)fluoranthene	ug/kg	ND (1.8)	-	ND (1.8)	-
Chrysene	ug/kg	ND (1.8)	-	3.5 J	-
Dibenzo(a,h)anthracene	ug/kg	ND (1.8)	-	ND (1.8)	-
Fluoranthene	ug/kg	ND (9.0)	-	ND (8.9)	-
Fluorene	ug/kg	ND (14)	-	ND (14)	-
Indeno(1,2,3-cd)pyrene	ug/kg	ND (1.8)	-	ND (1.8)	-
Naphthalene	ug/kg	ND (14)	-	ND (14)	-
Pyrene	ug/kg	ND (9.0)	-	ND (8.9)	-

**GC Volatiles (SW846 8015B)**

TPH-GRO (C6-C10)	mg/kg	ND (5.8)	-	ND (5.8)	-
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**GC Semi-volatiles (SW846-8015B)**

TPH-DRO (C10-C28)	mg/kg	8.81	-	32.4	-
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**Metals Analysis**

Arsenic	mg/kg	5.6	-	7.7	-
Barium	mg/kg	126	-	111	-
Cadmium	mg/kg	<1.1	-	<1.1	-
Calcium	mg/l	-	56.3	-	143
Chromium	mg/kg	5.4	-	7.1	-
Copper	mg/kg	4.7	-	7.0	-
Lead	mg/kg	10.0	-	10.2	-
Magnesium	mg/l	-	8.12	-	30.9
Mercury	mg/kg	<0.089	-	<0.090	-
Nickel	mg/kg	6.3	-	8.9	-
Selenium	mg/kg	<5.4	-	<5.4	-
Silver	mg/kg	<3.2	-	<3.3	-
Sodium	mg/l	-	85.5	-	104
Zinc	mg/kg	18.5	-	20.9	-

**General Chemistry**

Solids, Percent	%	92.4	-	92.3	-
Specific Conductivity	umhos/cm	796	-	1410	-
Chromium, Hexavalent	mg/kg	<1.0	-	<1.0	-
Chromium, Trivalent	mg/kg	4.8 <sup>a</sup>	-	6.4 <sup>a</sup>	-
Redox Potential Vs H2	mv	216	-	233	-
Sodium Adsorption Ratio	ratio	-	2.82 <sup>b</sup>	-	2.06 <sup>b</sup>
pH	su	8.92	-	8.83	-

**Footnotes:**<sup>a</sup> Calculated as: (Chromium) - (Chromium, Hexavalent)<sup>b</sup> Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+(Mg meq/L)/2]