



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pGRL1126632249

1RP - 2742

COG OPERATING LLC

Table 1
COG Operating LLC.
Hercules Federal Com. #1
Chavez County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	Total					
AH-1	5/24/2011	0-1		X	474	3,400	3,874	<0.200	<0.200	0.771	2.96	1,600
	"	1-1.5		X	49.7	148	197.7	<0.0200	<0.0200	<0.0200	0.318	<200
CS-1 Bottom Hole	1/12/2012	1.5	X		-	-	-	-	-	-	-	201
CS-4 Sidewall	1/12/2012	-	X		-	-	-	-	-	-	-	<200
CS-5 Sidewall	1/12/2012	-	X		-	-	-	-	-	-	-	<200
CS-6 Sidewall	1/12/2012	-	X		-	-	-	-	-	-	-	247
CS-7 Sidewall	1/12/2012	-	X		-	-	-	-	-	-	-	<200
AH-2	5/24/2011	0-1	X		297	2,310	2,607	<0.100	<0.100	0.413	2.96	626

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			In-Situ	Removed	GRO	DRO	Total					
AH-3	5/24/2011	0-1		X	394	3,600	3,994	<0.100	0.602	0.619	6.53	2,120
CS-2 Bottom Hole	1/12/2012	2	X		8.35	126	134	-	-	-	-	<200
CS-8 Sidewall	1/12/2012	-	X		6.24	421	427	-	-	-	-	<200
CS-9 Sidewall	1/12/2012	-	X		3.58	86.5	90.1	-	-	-	-	1,060
CS-13 Sidewall	1/12/2012	-	X		3.65	92.8	96.5	-	-	-	-	1,150
Trench 1	1/12/2012	3	X		3.91	<50.0	3.91	-	-	-	-	<200

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			In-Situ	Removed	GRO	DRO	Total					
AH-4	5/24/2011	0-0.5		X	775	8,810	9,585	1.04	13.2	19.5	16.8	1,670
CS-3 Bottom Hole	1/12/2012	1.5	X		13.8	776	790	-	-	-	-	<200
CS-10 Sidewall	1/12/2012	-	X		4.05	622	626	-	-	-	-	<200
CS-11 Sidewall	1/12/2012	-	X		5.40	1,610	1,615	-	-	-	-	<200
CS-12 Sidewall	1/12/2012	-	X		7.08	673	680	-	-	-	-	<200

(-)

Not Analyzed

Excavated Depth and Material

JAN 24 2012

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Report Date: January 20, 2012

Work Order: 12011702

Page Number: 1 of 3

Summary Report

Ike Tavaréz
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: January 20, 2012

Work Order: 12011702

Project Location: Chavez Co., NM
Project Name: COG/Hercules Fed. Com. #1
Project Number: 114-6400918

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
286435	CS-1 Bottom Hole 1.5' (AH-1)	soil	2012-01-12	00:00	2012-01-16
286436	CS-2 Bottom Hole 2' (AH-3)	soil	2012-01-12	00:00	2012-01-16
286437	Trench-1 3' (AH-3)	soil	2012-01-12	00:00	2012-01-16
286438	CS-3 Bottom Hole 1.5' (AH-4)	soil	2012-01-12	00:00	2012-01-16
286439	CS-4 Sidewall (AH-1)	soil	2012-01-12	00:00	2012-01-16
286440	CS-5 Sidewall (AH-1)	soil	2012-01-12	00:00	2012-01-16
286441	CS-6 Sidewall (AH-1)	soil	2012-01-12	00:00	2012-01-16
286442	CS-7 Sidewall (AH-1)	soil	2012-01-12	00:00	2012-01-16
286443	CS-8 Sidewall (AH-3)	soil	2012-01-12	00:00	2012-01-16
286444	CS-9 Sidewall (AH-3)	soil	2012-01-12	00:00	2012-01-16
286445	CS-10 Sidewall (AH-4)	soil	2012-01-12	00:00	2012-01-16
286446	CS-11 Sidewall (AH-4)	soil	2012-01-12	00:00	2012-01-16
286447	CS-12 Sidewall (AH-4)	soil	2012-01-12	00:00	2012-01-16
286448	CS-13 Sidewall (AH-3)	soil	2012-01-12	00:00	2012-01-16

Sample - Field Code	TPH DRO - NEW	TPH GRO
	DRO (mg/Kg)	GRO (mg/Kg)
286436 - CS-2 Bottom Hole 2' (AH-3)	126	8.35
286437 - Trench-1 3' (AH-3)	<50.0	3.91
286438 - CS-3 Bottom Hole 1.5' (AH-4)	776	13.8
286443 - CS-8 Sidewall (AH-3)	421	6.24
286444 - CS-9 Sidewall (AH-3)	86.5	3.58
286445 - CS-10 Sidewall (AH-4)	622	4.05
286446 - CS-11 Sidewall (AH-4)	1610	5.40
286447 - CS-12 Sidewall (AH-4)	673	7.08
286448 - CS-13 Sidewall (AH-3)	92.8	3.65

Sample: 286435 - CS-1 Bottom Hole 1.5' (AH-1)

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This is only a summary. Please, refer to the complete report package for quality control data.

Param	Flag	Result	Units	RL
Chloride		201	mg/Kg	4

Sample: 286436 - CS-2 Bottom Hole 2' (AH-3)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286437 - Trench-1 3' (AH-3)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286438 - CS-3 Bottom Hole 1.5' (AH-4)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286439 - CS-4 Sidewall (AH-1)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286440 - CS-5 Sidewall (AH-1)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286441 - CS-6 Sidewall (AH-1)

Param	Flag	Result	Units	RL
Chloride		247	mg/Kg	4

Sample: 286442 - CS-7 Sidewall (AH-1)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286443 - CS-8 Sidewall (AH-3)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286444 - CS-9 Sidewall (AH-3)

Param	Flag	Result	Units	RL
Chloride		1060	mg/Kg	4

Sample: 286445 - CS-10 Sidewall (AH-4)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286446 - CS-11 Sidewall (AH-4)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286447 - CS-12 Sidewall (AH-4)

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 286448 - CS-13 Sidewall (AH-3)

Param	Flag	Result	Units	RL
Chloride		1150	mg/Kg	4