

Bratcher, Mike, EMNRD

From: cmwink@mac.com
Sent: Thursday, February 21, 2013 8:45 AM
To: Bratcher, Mike, EMNRD
Subject: Fw: Battery Excavation (13021409)
Attachments: Battery_Excavation_Summary.pdf

This is the summary on the Valero State No.1

Sent from my Verizon Wireless BlackBerry

-----Original Message-----

From: reports@traceanalysis.com
Date: Tue, 19 Feb 2013 18:03:29
To: <cmwink@mac.com>
Subject: Battery Excavation (13021409)

TraceAnalysis, Inc.

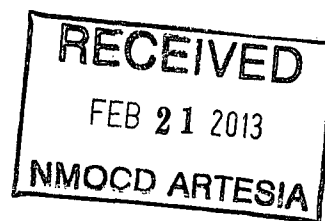
(attachments enclosed)

Work Order: 13021409
Contact Person: Kurt Hood

Project Name: Battery Excavation

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Report Date: February 19, 2013

Work Order: 13021409

Page Number: 1 of 2

GW@65'

Summary Report

Kurt Hood
Nadel & Gussman Permian LLC
600 N. Marienfeld
Suite 508
Midland, TX 79701

Report Date: February 19, 2013

Work Order: 13021409

Project Name: Battery Excavation

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
321091	N Side @ 1'	soil	2013-02-13	08:41	2013-02-14
321092	S Side @ 1'	soil	2013-02-13	09:10	2013-02-14
321093	E Side @ 1'	soil	2013-02-13	08:00	2013-02-14
321094	W Side @ 1'	soil	2013-02-13	08:30	2013-02-14
321095	N Side @ 2.5'	soil	2013-02-13	09:15	2013-02-14
321096	S Side @ 2.5'	soil	2013-02-13	09:30	2013-02-14
321097	E Side @ 2.5'	soil	2013-02-13	09:40	2013-02-14
321098	W Side @ 2.5'	soil	2013-02-13	09:50	2013-02-14

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
321091 - N Side @ 1'	<1.00 ¹	35.6	10.1	291	209	9040 _{C₂₈}
321092 - S Side @ 1'	<0.400 ²	<0.400	<0.400	11.7	200	1670
321093 - E Side @ 1'	<0.400 ³	5.43	4.73	65.4	1310	4730 _{C₂₈}
321094 - W Side @ 1'	<2.00 ⁴	<2.00	3.36	24.5	267	11300
321095 - N Side @ 2.5'	<0.0400 ⁵	1.78	0.313	33.7	176	1800
321096 - S Side @ 2.5'	<0.0200	0.220	0.284	3.05	89.0	202
321097 - E Side @ 2.5'	<0.100 ⁶	20.5	8.48	106	282	3620
321098 - W Side @ 2.5'	<0.400 ⁷	1.16	<0.400	21.4	174	1510

Sample: 321091 - N Side @ 1'

¹Dilution due to hydrocarbons.

²Dilution due to hydrocarbons.

³Dilution due to hydrocarbons.

⁴Dilution due to hydrocarbons.

⁵Dilution due to hydrocarbons.

⁶Dilution due to hydrocarbons.

⁷Dilution due to hydrocarbons.

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 321092 - S Side @ 1'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 321093 - E Side @ 1'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 321094 - W Side @ 1'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 321095 - N Side @ 2.5'

Param	Flag	Result	Units	RL
Chloride		159	mg/Kg	4

Sample: 321096 - S Side @ 2.5'

Param	Flag	Result	Units	RL
Chloride		149	mg/Kg	4

Sample: 321097 - E Side @ 2.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 321098 - W Side @ 2.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4