

Bratcher, Mike, EMNRD

From: Cheryl Winkler <cmwink@mac.com>
Sent: Tuesday, April 30, 2013 2:04 PM
To: Bratcher, Mike, EMNRD
Cc: Joel Martin
Subject: Valero State No. 1 Post Excavation Sample Analyticals
Attachments: Valero Battery Excavation Summary at 20 feet.pdf

Greetings, Mike!

Welcome back to the all American "grind"!! Seriously, hope that you had a noteworthy time away - meaning relaxing!!

I am forwarding you the NGP, Valero State No. 1 (post 20' excavation) sampling analyticals for your review. You will notice that the "SW Corner" is the hottest at 20'. This is understandable because inside the battery berms the downward gradient from the point of discharge is the SW corner of that battery. Therefore, it collected there before it ran over into other areas. Nonetheless, it isn't extremely high. Would it be possible to simply open it up in place and allow the ambient wind and weather temperatures to continue to help flash off the area? Also, would it be possible for NGP to reintroduce the previously excavated materials back into the open pit areas, allowing them to stand for a very short period of time and then follow this with the remainder of the clean caliche needed for backfilling the area to a level necessary to reinstall the berms?

If not, NGP will continue to utilize the land farming option until the numbers drop more. However, the open trench, even though fenced, is a liability concern for the company should man or beast decide to become too curious.

Please let me know your thoughts.

Thank you so much.

Cheryl

Summary Report

Joel Martin
Nadel & Gussman Permian LLC
600 N. Marienfeld
Suite 508
Midland, TX 79701

Report Date: April 22, 2013

Work Order: 13041812



Project Name: Battery Excavation

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
326677	Batt. Exc. NW Corner @ 20'	soil	2013-04-16	12:00	2013-04-18
326678	Batt. Exc. NE Corner @ 20'	soil	2013-04-16	12:11	2013-04-18
326679	Batt. Exc. East Side @ 20'	soil	2013-04-16	12:15	2013-04-18
326680	Batt. Exc. NW End @ 20'	soil	2013-04-16	13:45	2013-04-18
326681	Batt. Exc. NW Corner Pile Btm.	soil	2013-04-16	12:21	2013-04-18
326682	Batt. Exc. SW Corner	soil	2013-04-16	12:28	2013-04-18
326683	Batt. Exc. SE Corner @ 20'	soil	2013-04-16	13:03	2013-04-18
326684	Lg. Stockpile S Side Bottom	soil	2013-04-16	13:20	2013-04-18
326685	Lg. Stockpile Outside	soil	2013-04-16	00:00	2013-04-18
326686	Batt. Exc. NE Corner Pile	soil	2013-04-16	13:40	2013-04-18

Sample - Field Code	BTEX				MTBE	TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
326677 - Batt. Exc. NW Corner @ 20'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0 Qs	<4.00
326678 - Batt. Exc. NE Corner @ 20'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0 Qs	<4.00
326679 - Batt. Exc. East Side @ 20'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0 Qs	<4.00
326680 - Batt. Exc. NW End @ 20'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0 Qs	<4.00
326681 - Batt. Exc. NW Corner Pile Btm.	<0.0200	<0.0200	<0.0200	<0.0200		<50.0 Qs	<4.00
326682 - Batt. Exc. SW Corner	<0.0200	<0.0200	<0.0200	1.44		74.4 Qs	59.3
326683 - Batt. Exc. SE Corner @ 20'	<0.0200	<0.0200	<0.0200	0.0463		<50.0 Qs	<4.00
326684 - Lg. Stockpile S Side Bottom	<0.0200	<0.0200	<0.0200	0.147		<50.0 Qs	8.07
326685 - Lg. Stockpile Outside	<0.0200	<0.0200	0.0310	0.298		<50.0 Qs	9.05
326686 - Batt. Exc. NE Corner Pile	<0.0200	<0.0200	<0.0200	0.0534		<50.0 Qs	<4.00