Bratcher, Mike, EMNRD

From: Cheryl Winkler <cmwink@mac.com>
Sent: Tuesday, May 28, 2013 2:21 PM
To: Bratcher, Mike, EMNRD
Subject: Valero State No. 1 Upper Level Tan Battery Areas and Aeration Project Areas
Attachments: Valero State No 1 Batt Summary Upper Level.pdf

Mike,

Attached is the recent sampling event taken on the Valero State No. 1. These numbers apply to the immediate tank levels in the battery in and around the tanks per se. The only accessible areas were the SW and the NW. The back side of the area was not accessible, so these samples represent composite samples of the areas. The aeration samples represent the material that is spread out on the ground and is being turned approximately every two weeks until it has flashed off sufficiently enough to reach NMOCD standards at which time we will replace it back into the excavated areas mixed with new caliche to achieve original topographic relief and meet safety standards for integrity of the battery.

Please call to discuss when you have a moment.

Thank you,
Cheryl

Summary Report

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

Report Date: May 28, 2013

Work Order: 13052107

Project Location: Battery Remediation
Project Name: Valero State No. 1 Battery

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
329881	E Side Aereation	soil	2013-05-20	09:00	2013-05-21
329882	W Side Aereation	soil	2013-05-20	09:20	2013-05-21
329883	Middle Aereation	soil	2013-05-20	09:30	2013-05-21
329884	Tank SW Area	soil	2013-05-20	10:15	2013-05-21
329885	Tank NW Area	soil	2013-05-20	10:40	2013-05-21

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	TPH DRO - NEW DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
329881 - E Side Aereation	**0.0226**	**0.223**	**0.0330**	**0.220**	**66.7** Qs	**5.08** Qs
329882 - W Side Aereation	<0.0400 [1]	<0.0400	**0.104**	**4.65**	**411** Qs	**111** Qs
329883 - Middle Aereation	<0.0200	**0.497**	**0.627**	**7.93**	**221** Qs	**124** Qs
329884 - Tank SW Area	<4.00 [2]	**139**	**99.6**	**847**	**339** Qs	**16800** Qs
329885 - Tank NW Area	<0.200 [3]	**1.74**	<0.200	**77.0**	**387** Qs	**2530** Qs

[1] Dilution due to excessive hydrocarbons.
[2] Dilution due to excessive hydrocarbons.
[3] Dilution due to excessive hydrocarbons.