Bratcher, Mike, EMNRD

From: Sent: shelby.g.pennington@exxonmobil.com

To:

Wednesday, October 14, 2009 8:46 AM Bratcher, Mike, EMNRD

Subject:

ADU Injection Leak

Attachments:

H18443 EXXON.pdf; ADU #238 Diagram.doc

Mike.

Here is a diagram of the spill at Avalon. The spill is one area, there is a gap in the diagram due to building a crossing area for a trackhoe. The spill has been excavated to an average of 6 feet deep. We obtained these samples last week at the bottom of each area on diagram. There are some high chloride levels and some that are not high at all. I previously sent you the samples we obtained with the auger rig which showed that we dug down 70 foot and reached no groundwater. Also dug to borings sampling every 5 foot until we obtained clean soil samples at 60 foot. I recommend installing a liner in the high chloride level and backfilling/re-seeding the site. If you want you can give me a call or we can go meet out at the site to discuss any ideas you may have. The chlorides seem to be higher at the release point. The bottom of the site shows to be clean. Thanks Mike.

Shelby G. Pennington
ExxonMobil Fullerton/Seminole & New Mexico
Sr. Operations Compliance Technician

Office: 432-596-4211 ext. 14

Cell: 432-266-1454 Fax: 432-596-0010

E-Mail: shelby.g.pennington@exxonmobil.com

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.



October 12, 2009

Shelby Pennington Exxon Mobil 6810 NW 8000 Andrews, TX 79714

Re: ADU 238 Spill

Enclosed are the results of analyses for sample number H18443, received by the laboratory on 10/08/09 at 1:15 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021.

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely.

Celey D/Keene

Laboratory Director



ANALYTICAL RESULTS FOR

EXXON MOBIL

ATTN: SHELBY PENNINGTON

6810 NW 8000

ANDREWS, TX 79714 FAX TO: (432) 596-0010

Receiving Date: 10/08/09 Reporting Date: 10/09/09 Project Number: ADU 238

Project Number: ADU 238
Project Name: ADU 238 SPILL

Project Location: ADU

Sampling Date: 10/08/09 Sample Type: SOIL

Sample Condition: COOL & INTACT @ 5°C

Sample Received By: ML

Analyzed By: HM

LAB NO. SAMPLE ID

Cl' (mg/kg)

ANALYSIS DATE:	10/09/09
H18443-1 1V	12,000
H18443-2 2V	12,200
H18443-3 3V	32
H18443-4 4V	64
H18443-5 1-SW	1,010
H18443-6 2-SW	80
H18443-7 3-SW	2,120
H18443-8 4-SW	240
H18443-9 5-SW	13,400
H18443-10 6-SW	15,000
H18443-11 7-SW	112
H18443-12 8-SW	32
H18443-13 9-SW	48
H18443-14 10-SW	16
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	< 0.1

METHOD:	Standard Methods	4500-CIB
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Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

10/12/09 Date

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Sampler Refinquished:

Date:

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Shelby. g. Ferningtono expormabil, com Add'l Phone #: Add'l Fax #: S S Phone Result: Fax Result: REMARKS: CHECKED BY: (Intitials) Temp. Sample Condition Cool Intact 70/8/09 Time: 100 : Date: Time: Sampler - UPS - Bus - Other: Delivered By: (Circle One)

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476,

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
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(575) 393-23 <u>2</u> 6 Fax (575) 393-2476	[AXOLD Mab.]	ON PONINGTON			211 Fax#: 432-896-6210	38 Project Owner: Sheller Lints	238 Sp.11		Be to winde	MATRIX	(C)OMP.	AB OR	OHE COLOR	7601-51	88-Sto	. Si.	3/5/	And company to the contract of				PLEASE NOTE: (Libbity and Damagns: Cardinal's habity and clients acclusive remedy for any darm analysis whether based in contact or for, shall be writed to the second to the client for the analysis of the clients including those for negligience and any other cause whatbookers shall be deemed waked under in the same of receiving the second to the applicable.	States, are used a mark to related to the performance of territorial production of which is stated from a performance of territorial productions of the marks between the performance of territorial productions of the performance of territorial productions of the performance of th	8/43	Time:	Temp. Sample Condition Cool, Intact Cool, In
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



