

AUG 11 2009

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ExxonMobil
August 10, 2009 *Production*

C-141 Form
Avalon Delaware Unit
Eddy County, New Mexico

State of New Mexico
Oil Conservation Division
District 2
1301 W. Grand Avenue
Artesia, New Mexico 88210

Gentlemen:

Please find enclosed the C-141 form for a spill at our Avalon Delaware Unit. The spill of 83 barrels of Produced Water occurred on July 28, 2009. Shortly, you shall receive a Remediation plan for this spill for your approval.

If you have any questions or need additional information, please contact Shelby Pennington at (432) 596-4211, extension 14.

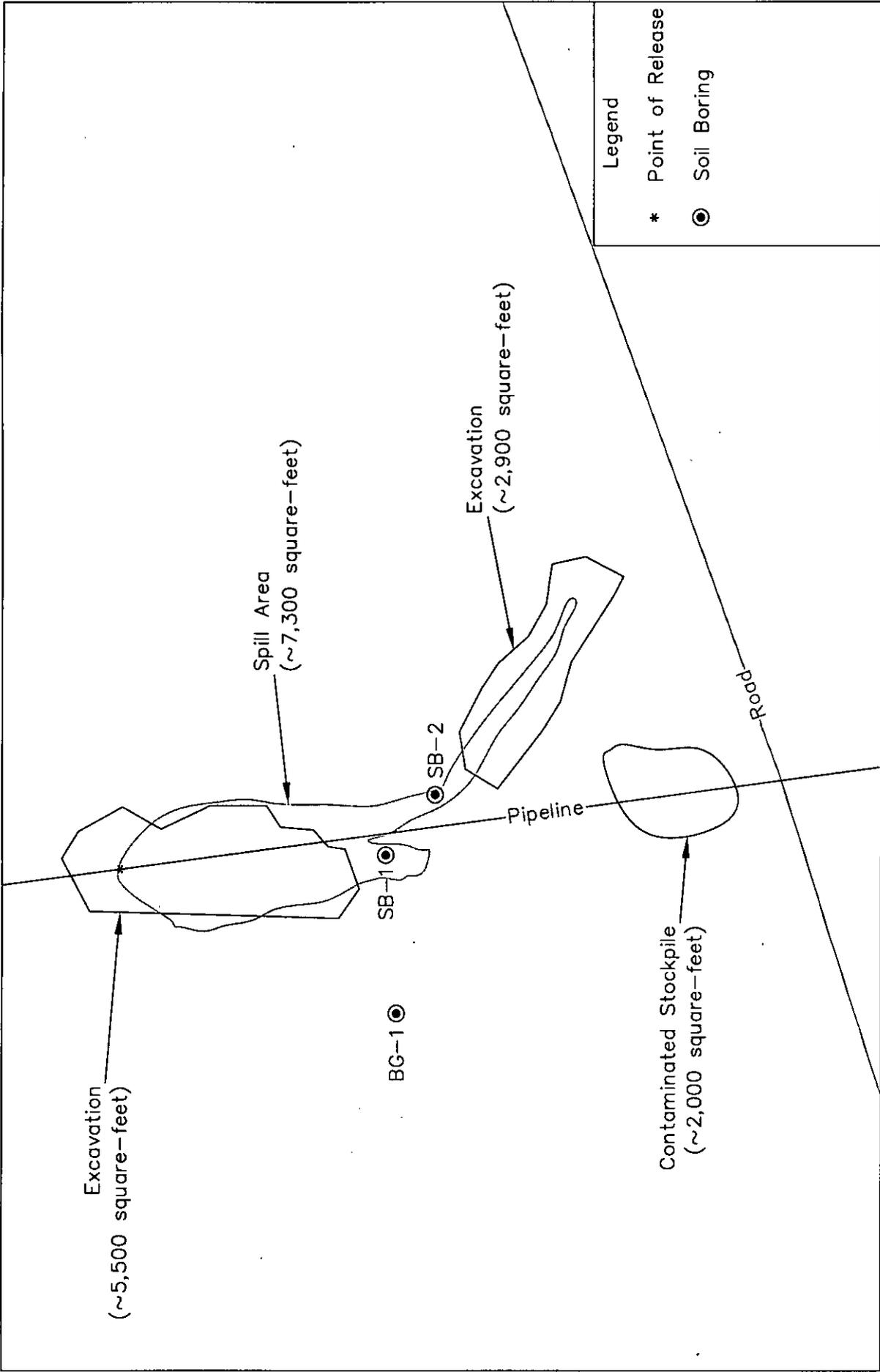
Sincerely,

Toni L. Collier

TLC
Attachments

CC: State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

C: Mr. Doug Parks
Mr. Shelby Pennington
Ms. Toni L. Collier
P020A/Avalon Delaware Unit/Spills
Reader File



Legend

- * Point of Release
- ⊙ Soil Boring

REVISED:

DWG By: D Dominguez
August 2009

120 SHEET
1 of 1

0 60 120
Feet

Figure 3
Site Map
ExxonMobil
Avalon Delaware Unit #238

Eddy County, New Mexico
NE 1/4 of the SW 1/4, Sec. 30, T20S, R28E
N 32° 32' 41.21" W 104° 13' 15.65"
Elevation: 3,299 feet amsl

Bratcher, Mike, EMNRD

From: shelby.g.pennington@exxonmobil.com
Sent: Monday, August 31, 2009 8:42 AM
To: Bratcher, Mike, EMNRD
Subject: ADU #238 Diagram and Samples
Attachments: Table 3 - Soil Borings.xls; Figure #3.pdf

Mike,
Here is the Diagram and samples. The BG hole was a background and test for groundwater. No water at 70 feet. Let me know what you think will be the best approach on this. Give me a shot with any questions or concerns. Thanks

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 by the MessageLabs Email Security System.

TABLE 2

Summary Soil Boring Field Analyses and Laboratory Analytical Results
 Exxon Mobil - Avalon Delaware Unit #238 20-015-28659

NMOCD Ref. ; EPI Ref. #190037

UL-K (NE1/4 of the SW1/4) of Section 30. T20S. R28E; Eddy County, New Mexico

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges C6-C12 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)
BG-S	0.5	Surface	13-Aug-09	--	240	--	--	--	--	--	--	--	--	--	--
BG-1	5	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	--	--
BG-2	10	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	--	--
BG-3	20	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	32	--
BG-4	30	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	--	--
BG-5	40	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	16	--
BG-6	50	In situ	13-Aug-09	--	240	--	--	--	--	--	--	--	--	--	--
BG-7	60	In situ	13-Aug-09	--	**	--	--	--	--	--	--	--	--	--	--
BG-8	70	In situ	13-Aug-09	--	**	--	--	--	--	--	--	--	--	--	--
BH#1-1	5	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	32,800	--
BH#1-2	10	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH#1-3	15	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH#1-4	20	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH#1-5	25	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH#1-6	30	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	6,800	--
BH#1-7	40	In situ	13-Aug-09	--	2,640	--	--	--	--	--	--	--	--	3,360	--
BH#1-8	50	In situ	13-Aug-09	--	720	--	--	--	--	--	--	--	--	656	--
BH#1-9	60	In situ	13-Aug-09	--	320	--	--	--	--	--	--	--	--	200	--
BH#2-1	5	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	11,700	--
BH#2-2	10	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	--	--
BH#2-3	15	In situ	13-Aug-09	--	>4,000	--	--	--	--	--	--	--	--	8,000	--
BH#2-4	20	In situ	13-Aug-09	--	800	--	--	--	--	--	--	--	--	608	--

TABLE 2

Summary Soil Boring Field Analyses and Laboratory Analytical Results

Exxon Mobil - Avalon Delaware Unit #238

NMOCD Ref. ; EPI Ref. #I90037

UL-K (NE1/4 of the SW1/4) of Section 30. T20S. R28E; Eddy County, New Mexico

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Carbon Ranges C6-C12 (mg/Kg)	Carbon Ranges >C12-C28 (mg/Kg)	Carbon Ranges >C28-C-35 (mg/Kg)	Total TPH C6-C35 (mg/Kg)	Chloride (mg/Kg)	
BH#2 - 5	2.5	In situ	13-Aug-09	--	560	--	--	--	--	--	--	--	--	--	656	
BH#2 - 6	30	In situ	13-Aug-09	--	400	--	--	--	--	--	--	--	--	--	448	
BH#2 - 7	35	In situ	13-Aug-09	--	640	--	--	--	--	--	--	--	--	--	416	
BH#2 - 8	40	In situ	13-Aug-09	--	400	--	--	--	--	--	--	--	--	--	112	
BH#2 - 9	45	In situ	13-Aug-09	--	320	--	--	--	--	--	--	--	--	--	128	
NMOCD Remedial Thresholds																
				100		10				50					100	500

Bold values exceed NMOCD remedial threshold goals

*** = Solids would not settle out due to clay particulate matter*

- - - Not Analyzed

Soil Sample Nomenclature: BH = Boring Hole; BC = Background Boring Hole; S = Surface