

## Bratcher, Mike, EMNRD

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**From:** shelby.g.pennington@exxonmobil.com  
**Sent:** Wednesday, January 20, 2010 8:14 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** ExxonMobil ADU 238 Water spill

Mike,  
I just wanted to check with you and make sure you got the information you requested. I sent in the other analytical. Let me know if you need anything on this spill or if you approve of the plan at your convenience.

Shelby G. Pennington  
ExxonMobil Fullerton/Seminole & New Mexico  
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**Bratcher, Mike, EMNRD**

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**From:** shelby.g.pennington@exxonmobil.com  
**Sent:** Thursday, January 14, 2010 7:27 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** Avalon Delaware Unit #238  
**Attachments:** Table 3 - Soil Borings.pdf

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## Summary Soil Boring Field Analyses and Laboratory Analytical Results

NMOCD Ref. ; EPI Ref. #190037

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

[illegible]

TABLE 3

## Summary Soil Boring Field Analyses and Laboratory Analytical Results

Exxon Mobil - Avalon Delaware Unit #238

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) |
|---------------------------|--------------|-------------|-------------|-------------------|------------------------|-----------------|-----------------|----------------------|-----------------------|--------------------|------------------------------|--------------------------------|---------------------------------|--------------------------|------------------|
| BH#2 - 5                  | 25           | 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                 |                              |                                |                                 | 1,000                    | 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; BG = Background Boring Hole; S = Surface