

**Bratcher, Mike, EMNRD**

**From:** Bob Asher [BobA@yatespetroleum.com]  
**Sent:** Friday, February 17, 2012 9:09 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** Knoll AOK Federal #1

Mike,

The following remedial actions have been conducted. Initial vertical/horizontal delineation samples were taken on 10/4/2011 and 11/1/2011 (all samples were tested at an NMOCD approved laboratory). Approximately 18" of impacted soils were excavated and disposed at an NMOCD approved facility. Further vertical/horizontal delineation samples were taken on 2/1/2012 (all samples were tested at an NMOCD approved laboratory). Below are all the analytical results. Yates would like to request these results be accepted for closure.

Analytical Report- 429605	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	10/4/2011	Comp/Auger	6"					8040
Comp-01.0	Release Area	10/4/2011	Comp/Auger	12"					4310
Comp-01.5	Release Area	10/4/2011	Comp/Auger	18"					2830
Analytical Report- 430848	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	11/1/2011	Comp/Auger	6"	ND	ND	108	108	
Comp-01.0	Release Area	11/1/2011	Comp/Auger	12"	ND	ND	ND	ND	
Comp-01.5	Release Area	11/1/2011	Comp/Auger	18"	ND	ND	ND	ND	
Approximately 1.5 feet of impacted soils were excavated/hailed to an NMOCD approved facility									
Analytical Report- 436237	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-02.0	Release/ Excavation	2/1/2012	Comp/Auger	24"					38.0
Comp-02.5	Release/ Excavation	2/1/2012	Comp/Auger	30"					47.8
Comp-03.0	Release/ Excavation	2/1/2012	Comp/Auger	36"					39.9

**Site Ranking is Ten (10).** Depth to Ground Water 50-99' (approx. 80', per Trend Map).

All results are ppm. Chlorides for documentation. **X - Sample Points**

Released: 3 B/O & 1100 B/PW; Recovered: 3 B/O & 1040 B/PW. Release Date: 8/31/2011

If you have any questions, please contact me.

Thank you.

**Robert Asher**

Environmental Regulatory Division  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210  
575-748-4217 (Direct)



## Bratcher, Mike, EMNRD

**From:** Bratcher, Mike, EMNRD  
**Sent:** Tuesday, February 21, 2012 3:42 PM  
**To:** 'Bob Asher'  
**Subject:** RE: Knoll AOK Federal #1

Bob,

This site can be closed based on the provided analytical data.

Thanks,

**Mike Bratcher**

NMOCD District 2  
811 S. First Street  
Artesia, NM 88210  
575-748-1283 Ext. 108  
575-626-0857  
[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)

---

**From:** Bob Asher [<mailto:BobA@yatespetroleum.com>]  
**Sent:** Friday, February 17, 2012 9:09 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** Knoll AOK Federal #1

Mike,

The following remedial actions have been conducted. Initial vertical/horizontal delineation samples were taken on 10/4/2011 and 11/1/2011 (all samples were tested at an NMOCD approved laboratory). Approximately 18" of impacted soils were excavated and disposed at an NMOCD approved facility. Further vertical/horizontal delineation samples were taken on 2/1/2012 (all samples were tested at an NMOCD approved laboratory). Below are all the analytical results. Yates would like to request these results be accepted for closure.

Analytical Report- 429605	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	10/4/2011	Comp/Auger	6"					8040
Comp-01.0	Release Area	10/4/2011	Comp/Auger	12"					4310
Comp-01.5	Release Area	10/4/2011	Comp/Auger	18"					2830
Analytical Report- 430848	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	11/1/2011	Comp/Auger	6"	ND	ND	108	108	
Comp-01.0	Release Area	11/1/2011	Comp/Auger	12"	ND	ND	ND	ND	
Comp-01.5	Release Area	11/1/2011	Comp/Auger	18"	ND	ND	ND	ND	
Approximately 1.5 feet of impacted soils were excavated/hailed to an NMOCD approved facility.									
Analytical Report- 436237	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides

Comp-02.0	Release/ Excavation	2/1/2012	Comp/Auger	24"					38.0
Comp-02.5	Release/ Excavation	2/1/2021	Comp/Auger	30"					47.8
Comp-03.0	Release/ Excavation	2/1/2012	Comp/Auger	36"					39.9

**Site Ranking is Ten (10).** Depth to Ground Water 50-99' (approx. 80', per Trend Map).

All results are ppm. Chlorides for documentation. **X - Sample Points**

Released: 3 B/O & 1100 B/PW; Recovered: 3 B/O & 1040 B/PW. Release Date: 8/31/2011

If you have any questions, please contact me.

Thank you.

**Robert Asher**

Environmental Regulatory Division  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210  
575-748-4217 (Direct)  
575-365-4021

**Bratcher, Mike, EMNRD**

---

**From:** Bob Asher [BobA@yatespetroleum.com]  
**Sent:** Tuesday, February 21, 2012 3:44 PM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** RE: Knoll AOK Federal #1

Mike,

I will submit a Final C-141 and supporting documentation requesting closure.

Thank you.

**Robert Asher**  
Yates Petroleum Corporation

---

**From:** Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]  
**Sent:** Tuesday, February 21, 2012 3:42 PM  
**To:** Bob Asher  
**Subject:** RE: Knoll AOK Federal #1

Bob,

This site can be closed based on the provided analytical data.

Thanks,

**Mike Bratcher**  
NMOCD District 2  
811 S. First Street  
Artesia, NM 88210  
575-748-1283 Ext. 108  
575-626-0857  
[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)

---

**From:** Bob Asher [mailto:BobA@yatespetroleum.com]  
**Sent:** Friday, February 17, 2012 9:09 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** Knoll AOK Federal #1

Mike,

The following remedial actions have been conducted. Initial vertical/horizontal delineation samples were taken on 10/4/2011 and 11/1/2011 (all samples were tested at an NMOCD approved laboratory). Approximately 18" of impacted soils were excavated and disposed at an NMOCD approved facility. Further vertical/horizontal delineation samples were taken on 2/1/2012 (all samples were tested at an NMOCD approved laboratory). Below are all the analytical results. Yates would like to request these results be accepted for closure.

Analytical Report- 429605	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
------------------------------	----------------	-------------	-------------	-------	------	-----	-----	-------	-----------

Comp-00.5	Release Area	10/4/2011	Comp/Auger	6"					8040
Comp-01.0	Release Area	10/4/2011	Comp/Auger	12"					4310
Comp-01.5	Release Area	10/4/2011	Comp/Auger	18"					2830
<b>Analytical Report-430848</b>	<b>Sample Area</b>	<b>Sample Date</b>	<b>Sample Type</b>	<b>Depth</b>	<b>BTEX</b>	<b>GRO</b>	<b>DRO</b>	<b>TOTAL</b>	<b>Chlorides</b>
Comp-00.5	Release Area	11/1/2011	Comp/Auger	6"	ND	ND	108	108	
Comp-01.0	Release Area	11/1/2011	Comp/Auger	12"	ND	ND	ND	ND	
Comp-01.5	Release Area	11/1/2011	Comp/Auger	18"	ND	ND	ND	ND	
<b>Analytical Report-436237</b>	<b>Sample Area</b>	<b>Sample Date</b>	<b>Sample Type</b>	<b>Depth</b>	<b>BTEX</b>	<b>GRO</b>	<b>DRO</b>	<b>TOTAL</b>	<b>Chlorides</b>
Comp-02.0	Release/Excavation	2/1/2012	Comp/Auger	24"					38.0
Comp-02.5	Release/Excavation	2/1/2021	Comp/Auger	30"					47.8
Comp-03.0	Release/Excavation	2/1/2012	Comp/Auger	36"					39.9

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 80', per Trend Map).  
All results are ppm. Chlorides for documentation. **X - Sample Points**

Released: 3 B/O & 1100 B/PW; Recovered: 3 B/O & 1040 B/PW. Release Date: 8/31/2011

If you have any questions, please contact me.

Thank you.

**Robert Asher**

Environmental Regulatory Division  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210  
575-748-4217 (Direct)  
575-365-4021