## Bratcher, Mike, EMNRD

From: Sent: Bob Asher [BobA@yatespetroleum.com] Thursday, December 29, 2011 9:53 AM

To: Subject: Bratcher, Mike, EMNRD Humidor BMJ State Com. #1

Mike,

Below are further delineation results.

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Amalytical Reports	Sample	Sample	200	<b>*</b>					
4230110 (44230113)		Date -	Sample Type	The Property of the Control of the C	BTEX	GRO	DRO	TOTAL	Chlorides.
Comp:01.0 B	Release Area	8/49/2014	Comp/Auger	12" (24" BSL)	ND	ND	ND	ND	6010
COIII D'OIII OID	Release	CAN ELECTRIC	Occurio/Accident	24" (36"		7.4.39		1,0	00,10
Comp:02.0 B	Aréa	8/12/2011	Comp/Auger	.∗. BSL) .∗.	ND	ND	ND	ND	3440
	Releaser		2.00	12" (24"					
Comp-01-0 ES	Area Release	8/12/2011	Comp/Auger	BSL) 24" (36"	ND	ND.	ND	ND.	11500
@omp:02:0 ≣S	Area	8/12/2011	Comp/Auger.	BSL)	ND	ND	ND	ND	-14800
Analytical Reports	Samala				W. C. 127.75	Description of the second	16 870	F. 14 1 1 2 1 1	
429611	Area	Date	Sample Type	Deoth	BTEX	GRO	DRO	TOTAL	Chlorides
	Release	50000 (102°02				277 2450			
Comp=08.0 B	Area	10/11/2011	Comp/Backhoe	3' (4'BSL)	98	Killer John	1000		96.4
Comp-04.0 B	Release Area	10/11/2011	Comp/Backhoe	AL (EL DOLL)			100		247
Courte-6490 P	Release	10/11/2011	Соттр/васкное	4' (5' BSL)					317
Comp=05.0 B	Area	10/11/2011	Comp/Backhoe	5' (6' BSL)					21.9
	Release					11			
	Area	10/11/2011	Comp/Backhoe	3! (4' BSL)	100				10500
- Comp:04:0 ES	Release Area	10/11/2011	Comp/Backhoe	4 (5 BSL)					11700
機能器の立まれることから1FC 機能機器	Release	SELO/EIGH Z-OGIENSE	**GOTTP/Dackinge	<b>※※子派(</b> (3※50E)					1917/00
Comp-05.0 ES	Area	10/11/2011	Comp/Backhoe	5' (6' BSL)					9230
Analytical Reponi-	Sample	Sample			5 " 2 1 " ( )				
431732	Area	Z Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
	Release				10	Note that			
Comp-06.0 ES	Area	11/16/2011	Comp/Backhoe	6' (7' BSL)					8970
Comp-07.0 ES	Release Area	11/16/2011	Comp/Backhoe	7' (8' BSL)					4610
<u> </u>	Release	1,7,5,251.	<u> </u>	. (0 202)					
Comp-08.0 ES	Area	11/16/2011	Comp/Backhoe	8' (9' BSL)			199	10 to 10	5650
Comp-09.0 ES	Release Area	11/16/2011	Comp/Packhas	0' (10' BSL)					2220
Analytical Reports			Comp/Backhoe	9' (10' BSL)		THE PERSON NAMED IN	**************************************		2320
486948	·Sample Area	Sample Date	Sample Type	AN IDVOCATION	втех	GRO	DRO	TOTAL	arin-ere-
	Arjea Release	Palen	*Sailibie Nybe	10' (11'	DIEA	GRU	שאש	KI, UTALK	Chlorides
Comp-10.0 ES	Area	12/20/2011	Comp/Backhoe	BSL)					6300
	Release			11' (12'					
Comp-11.0 ES	Area	12/20/2011	Comp/Backhoe	BSL)			and the state	44	936

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 70', per Trend Map).

All results are ppm. **X - Sample Points** BLS - Below Surface Level Released: 80 B/PW; Recovered: 0 B/PW. Release Date: 6/2/2011

Those results highlighted in red will be excavated and taken to an NMOCD approved facility. Yates would like to propose to backfill the first 2' of the excavation area designated "ES"

with a clay based backfill material to create a barrier to prevent impacted soils 6' BSL (Comp-05.0 ES) to 11' BSL (Comp-10.0 ES) from vertically migrating towards the surface or

migrating deeper. Yates would then backfill the remaining excavation with native or suitable soils to encourage natural revegitation.

Please contact me if you have any questions.

Thank you.

## **Robert Asher**

Senior Environmental Regulatory Agent Yates Petroleum Corporation 105 S. Fourth Street Artesia, NM 88210 575-748-4217 (Direct) 575-365-4021 (Cell)