XTO ENERGY

February 26, 2007

RCVD MAR5'07

OIL CONS. DIV.

DIST. 3

Mr. Charlie Perrin
District Supervisor
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

30-045-33948

RE: Reserve Pit Closure at Hampton D #1E

Dear Mr. Perrin:

XTO Energy Inc. (XTO) has prepared this report, per your request, to describe the activities associated with reclamation of the reserve pit at the Hampton D #1E natural gas well location. This well location is located in letter Unit I of Section 10, Township 30N, Range 11W, within the Aztec city limits in San Juan County, New Mexico.

This letter is intended to document conversations between XTO and the New Mexico Oil Conservation Division (NMOCD) District 3 personnel provide a description of our activities associated with closing the reserve pit, and address specific questions raised by NMOCD on what XTO will do in the future to prevent similar incidents. The conversations and pit closure activities are presented in a timeline that begins when the well was completed and continues to our current reclamation activities.

XTO recently drilled and completed the Hampton D #1E natural gas well. The reserve pit for this well was used to hold drill cuttings and fluids, which consist of water, small pieces of crushed rock and gravel, clay, and sediments. The drilling fluids and additives are water-based and contain no hydrocarbons or constituents of concern. The products used in our drilling muds are typically bentonite, glycol, starch, cedar fiber, polymers, lime and pH modifiers such as sodium hydroxide.

Whenever we close a reserve pit, there are steps that are typically required in the Conditions of Approval (COA) included in the approved Applications for Permit to Drill (APD), NMOCD Rule 50 and environmental guidelines, and BLM Onshore Order No. 7. XTO has used these requirements to develop an unwritten standard operating procedure that we use when closing any pit, regardless of the surface owner. These practices include:

- Removal of water from the pit surface, to promote drying of the pit contents. This may need to be done several times during the period the pit is allowed to "dry" prior to closure. During months with low evaporation, we rely more on water trucks to haul water than is necessary during the warmer months.
- Cut and remove the pit liner at the mud level. Haul the excess pit liner off site to an approved solid waste disposal facility.
- Blend clean soil into the pit to stabilize the material for burial.

- Reclaim the pit by backfilling and contouring the surface of the pit to prevent ponding of rain water.

From November 2006 when drilling operations were completed until we began closing the pit, XTO hauled approximately 480 barrels (bbl) of water from the reserve pit. Another 420 bbl of water were removed during the week of February 5, 2007. The tickets recording the dates and volumes of water hauled by Robert's Trucking are included as Attachment 1. The following timeline, which begins at the end of our drilling operations, describes activities and conversations documented by XTO personnel, as requested by NMOCD.

November 17, 2006 –

- XTO completes drilling Hampton D #1E natural gas well.

November 29, 2006 –

- Robert's Trucking hauls 160 bbl of water to Basin Disposal's Salt Water Disposal (SWD) well.

January 15, 2007 –

- Robert's Trucking hauls 80 bbl of water to Basin Disposal's SWD.

January 19, 2007

- Robert's Trucking hauls 240 bbl of water to Basin Disposal's SWD.

Thursday, February 1, 2007

- Robert's Trucking hauls 80 bbl of water to Basin Disposal's SWD.

Friday, February 2, 2007

- XTO contractor, Rosenbaum Construction begins preparations for closing the pit, which involved cutting the liner at the mud level. (We know now that one corner of the liner had stuck to the ground and that the cut in this corner did not completely sever the liner.)

Monday, February 5, 2007

- Contractor continues pit closure activities.
- XTO is notified by the NMOCD that a nearby resident had complained about several things: oil on the pit, trash in the pit, contractor ripping and shredding the liner, and an "oily effluent".
- XTO Construction Coordinator, Scott Baxstrom, goes to the location to investigate the complaint. Meanwhile, NMOCD Environmental Specialist, Brandon Powell, contacts me regarding the status of the reserve pit. We found no oil in the pit, but only (1) dark colored solids resulting from the formations that were drilled through and (2) the mud that was used. There was no oil observed in the pit by the NMOCD or XTO. Our contractor had left a piece of the pit liner in the pit and he was reprimanded - that is unacceptable and we do not allow trash or debris to be placed in the pit. The pit liner was not shredded, one corner of the pit where the liner was not completely separated at the mud line was torn. As the equipment drove over this corner, it appears that the liner developed a small vertical tear which probably could have been avoided if the cut was

completed properly. The tear was not below the mud level and neither XTO, nor our contractor, intentionally tore or shredded this corner of the liner.

- Speaking with both Scott Baxstrom and Brandon Powell, the immediate concern was the amount of water on the surface of the reserve pit. NMOCD suggested we keep a water truck onsite to pull the water.
- XTO promptly arranged for additional trucking. Robert's Trucking dispatches an 80-bbl vacuum truck to the location, where 240 bbl of water are collected over 9 hours for disposal at Basin Disposal's SWD. The majority of the water on the pit that morning was frozen, but the snow and ice melted and was collected throughout the day.
- Conversations with Scott Baxstrom and Brandon Powell throughout the day indicated that satisfactory progress was being made.

Tuesday, February 6, 2007

- Scott Baxstrom met Brandon Powell and the NMOCD Inspection Supervisor, Henry Villanueva, on location. Both NMOCD representatives expressed concern that a water truck was not on site that morning and the water level was high, the piece of pit liner was still in the pit, and requested the liner on the west side of the pit be removed at the mud level.
- XTO contacts Robert's Trucking and has a vacuum truck dispatched to remain on standby throughout the day. Approximately 40 bbl of water is removed over the four hours on location.
- NMOCD advised XTO the pit reclamation could continue once the water was removed. Again, it was communicated to XTO that the problems were under control and progress was satisfactory. XTO suggested that the mud and solids be removed to get the level low of enough that stabilization could continue without materials topping the pit liner.
- XTO contacted Riley Industrial Services and their vacuum trucks were mobilized to the location. Approximately 60 bbl of mud were removed and transported to an approved NMOCD landfarm, Industrial Ecosystems. NMOCD Certificate of Waste Status form included as Attachment 2.

Wednesday, February 7, 2007

- An XTO Contractor, Rosenbaum Construction, removed the piece of pit liner that was in the middle of the pit and cut and removed the liner that was on the west side of the pit at the mud level, as requested by NMOCD.
- Robert's Trucking had a water truck on location and collected approximately 60 bbl of water over a 12 hour period. The water was hauled to Basin Disposal's SWD.
- Riley Industrial Services and Industrial Ecosystems had vacuum trucks on site and hauled approximately five loads of mud to Industrial Ecosystem's NMOCD approved landfarm.

Thursday, February 8, 2007

- XTO temporarily suspends pit reclamation.
- Riley Industrial Services and Industrial Ecosystems had vacuum trucks on site and hauled approximately seven loads of mud to Industrial Ecosystem's NMOCD approved landfarm.

Friday, February 9, 2007

- Riley Industrial Services and Industrial Ecosystems had vacuum trucks on site and hauled approximately six loads of mud to Industrial Ecosystem's NMOCD approved landfarm.
- XTO contracts a third party environmental consulting firm, Blagg Engineering, to collect samples of mud for laboratory analysis. A five-point composite sample was collected and submitted to Envirotech Environmental laboratory according to standard chain-of-custody procedures. There was enough water pooled in one area that a grab sample could be collected, which was also submitted for laboratory analysis according to standard chain-of-custody procedures.

Saturday, February 10, 2007

- Riley Industrial Services had vacuum trucks on site and hauled approximately three loads of mud to Industrial Ecosystem's NMOCD approved landfarm.

Monday, February 12, 2007

- Riley Industrial Services continues to have vacuum trucks on site and hauls additional loads of mud to Industrial Ecosystem's NMOCD approved landfarm.

Tuesday, February 13, 2007

- Riley Industrial Services continues to have vacuum trucks on site and hauls additional loads of mud to Industrial Ecosystem's NMOCD approved landfarm.
- NMOCD contacts XTO to relay concerns that H_2S may be present at this well. XTO promptly sent a contractor from Southern Flow to the location to collect three air samples using Draeger® tubes to measure ambient levels of H_2S gas. The tubes will measure H_2S concentrations between zero parts per million (ppm) and 40 ppm. There were no detectable levels of H_2S recorded. A gas analysis was also performed on a sample of gas collected from the Hampton D #1E well, which indicated no presence of H_2S gas (Attachment 3).

Wednesday, February 14, 2007

- The mud is sufficiently pumped down. Photographs are included in Attachment 4 to document the mud level in relation to the top of the liner before resuming reclamation activities.
- XTO reinitiates the pit reclamation activities by stabilizing the remaining pit contents and backfilling.

Thursday, February 15, 2007

- XTO continues pit reclamation activities.

Friday, February 16, 2007

- XTO completes pit closure and reclamation activities.
- The laboratory analysis of the liquid and mud samples are received from the laboratory (Attachment 5).

We regret any disturbance that the nearby resident experienced throughout our operations. XTO makes every effort to be a good neighbor and prudent operator. We responded immediately to

issues raised and concerns that were expressed. As you are aware, we hired Riley Industrial Services to pump down the contents of the pit in order to get the pit contents below the tear in the liner. We did not haul anything from the pit because it was toxic or hazardous.

The composite sample of mud collected from the pit was submitted to the laboratory for the US Environmental Protection Agency's (US EPA) toxic characteristic waste analysis. This is a procedure called Toxic Characteristic Leachate Procedure (TCLP) for metals and organics. The laboratory reports, included as Attachment 5, indicate no detectable levels or trace levels that are well below the regulatory limit of the TCLP constituents.

The liquid sample was submitted to the laboratory for cation and anion analysis, the US EPA reactivity, corrosivity and ignitibility waste analyses, and benzene, toluene, ethyl benzene and total xylene (BTEX) analysis. This liquid sample was collected after approximately 920 bbl of water and almost 720 bbl of mud had been pumped from the pit. The liquid sample collected from the pit should be considered a concentrated liquid from drilling fluids, mud and products used while drilling through hydrocarbon bearing horizons into the Dakota formation. The following table is presented to summarize the BTEX results.

		Remediation Action Level
Parameter	Result (presented in ppm)	NMOCD - Guidelines for Remediation of Leaks, Spills, and Releases (presented in ppm)
Benzene	0.0738	10
Toluene	0.136	Not specified
Ethyl Benzene	0.0206	Not specified
Total Xylenes	0.145	Not specified
Total BTEX	0.375	50

ppm = mg/L

The NMOCD Guidelines for Remediation of Leaks, Spills, and Releases provide standards for soil and groundwater. Depth to groundwater is estimated to be greater than 100 feet below ground surface beneath a sandstone bench; therefore the remediation action level should be that for unsaturated contaminated soil under the Guidelines. Based on the NMOCD ranking criteria for this location the total score is 10 and the remediation action levels presented indicate the trace BTEX results are well below regulatory limits. The only other parameter potentially in question is chloride, which was detected at 824 mg/L. Chloride levels, while not addressed by the Guidelines, are below levels established by NMOCD as protective for much larger landfarming operations and hence pose no basis for concern.

XTO management has discussed our pit closure procedures and considered what we can do to prevent future issues with pit reclamation. We have decided to incorporate these changes into our standard operating procedures; training on these issues will be completed with our contractors and staff within the next 30 days:

- Removal of water from the pit surface, to promote drying of the pit contents.
- If the deadline for closing the pit occurs during seasonal periods of high precipitation, an extension for closing the pit will be requested.

- On small or undersized pits, we will partially stabilize the pit by blending clean soil into the pit for solidification and stabilization prior to cutting the pit liner. This best management practice may be implemented to help manage liquids remaining within the solid matrix of the pit.
- Cut and remove the pit liner at the dirt level. Haul excess pit liner off site to an approved solid waste disposal facility.
- Reclaim the pit by backfilling and contouring the surface of the pit to prevent ponding of rain water.

Most of the issues associated with closing this pit appeared to be centered on the liquid accumulation on the surface of the pit and the tear in the liner. The proposed changes to our reclamation process should eliminate future problems. New Mexico has experienced unusually high levels of precipitation this year. The liquids accumulate on the pit and freeze over night, making it difficult to "dry" the pit contents during winter months.

We appreciate the assistance and consideration lent by you and your staff. If you have any other questions or concerns, please don't hesitate to contact us.

Sincerely,

Lisa Winn

Lisa Winn
Environmental Coordinator
San Juan Division
XTO Energy Inc.

Cc: Del Craddock, Operational Vice President XTO Energy Inc.
Nina Hutton, EHS Vice President XTO Energy Inc.

Attachment 1: Robert's Trucking Water Tickets
Attachment 2: NMOCD Certificate of Waste Status
Attachment 3: Hampton D #1E Gas Analysis
Attachment 4: Photograph
Attachment 5: Laboratory Results

ATTACHMENT 1

ROBERT'S TRUCKING

Bloomfield , NM

11642

CUSTOMER XTO LOCATION Hampton D #1E

DRIVER Roberto Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 29 COMPANY REP. Scott B

LOADING POINT Res. Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD. FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 326288 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	3	80	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	3	80					

Date 11-29-06 Company Rep. Sig. _____

Truck Supervisor _____

ROBERT'S TRUCKING

Bloomfield , NM

11643

CUSTOMER XTO LOCATION Hampton D #1E

DRIVER Roberto Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 79 COMPANY REP. Scott B

LOADING POINT Res Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 326306 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	3	80	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	3	80					

Date 11-29-06 Company Rep. Sig. _____

Truck Supervisor _____

san juan reproduction -r

ROBERT'S TRUCKING

Bloomfield , NM

11939

CUSTOMER XTO LOCATION Hampton #D #1E

DRIVER Daniel Mabus RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 81 COMPANY REP. Scott B

LOADING POINT Reserve Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 332141 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM		80	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	2	80					

Date 1/15/07 Company Rep. Sig. _____

Truck Supervisor _____

san juan reproduction -r

ROBERT'S TRUCKING

Bloomfield , NM

11851

II

CUSTOMER XTO LOCATION Hampton DIE

DRIVER Daniel Mobus RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 81 COMPANY REP. Scott B

LOADING POINT Reserve PIT DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT#_____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 332737 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM		80	
2	AM PM	AM PM		80	
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	4	160					

Date 11/19/07 Company Rep. Sig. _____

Truck Supervisor _____

san juan reproduction -r

ROBERT'S TRUCKING

Bloomfield , NM

11811

CUSTOMER XTO LOCATION Hampton D #1E

DRIVER Roberto Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 29 COMPANY REP. Scott Batstrom

LOADING POINT Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 332157 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	2	80	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	2	80					

Date 1-19-07 Company Rep. Sig. _____

Truck Supervisor _____

ROBERT'S TRUCKING
Bloomfield , NM

12045

CUSTOMER XTO LOCATION Hampton #D1E

DRIVER Robert Contreras RUN# ____ RIG# ____ FRAC ____

TRUCK\ PUP 78 COMPANY REP. Scott Buxtron

LOADING POINT Res Pit DEL. POINT BASIN SWD

WATER SOURCE Loop Fluid DBL. TRK. ____ FROM ____ TKT# ____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK (circled) ____ TRANSFER ____ PUMP USE ____

DISPOSAL SITE TKT# 334659 KCL TKT # ____

MILEAGE:		Empty	Loaded		Empty	Loaded		Empty	Loaded		Empty	Loaded
HI-WAY	NM			COLO.			UTAH			ARIZ.		
OFF ROAD	NM			COLO.			UTAH			ARIZ.		

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	3	80	Snowpacked + Icy
2	AM PM	AM PM			[illegible]
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	3	80					

Date 02-01-07 Company Rep. Sig. ____

Truck Supervisor ____

ROBERT'S TRUCKING

Bloomfield , NM

12102

CUSTOMER XTO LOCATION Hampton D-1E

DRIVER Robert Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 78 COMPANY REP. Scott Baxtrom

LOADING POINT Res. DEL. POINT BARN

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ___ CITY ___ KCL ___ PROD.\FLOWBACK 1 TRANSFER ___ PUMP USE _____

DISPOSAL SITE TKT# 335943 - 335170 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM		80	
2	AM PM	AM PM		80	
3	AM PM	AM PM	9	80	Standby for Rascon to cover Reserve pit.
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	9	240					

Date 2-5-06 Company Rep. Sig. _____

Truck Supervisor _____

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ROBERT'S TRUCKING

Bloomfield, NM

12091

CUSTOMER XTO LOCATION Hampton D #1E

DRIVER Roberto Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 79 COMPANY REP. Scott Baxstrom

LOADING POINT Re. Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 335380 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	4	40	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	4	40					

Date 2-6-07 Company Rep. Sig. _____

Truck Supervisor _____

ROBERT'S TRUCKING

Bloomfield , NM

12094

CUSTOMER XTO LOCATION Hampton D #1E

DRIVER Roberto Contreras RUN# _____ RIG# _____ FRAC _____

TRUCK\ PUP 79 COMPANY REP. Scott. B

LOADING POINT Rel. Pit DEL. POINT Basin SWD

WATER SOURCE _____ DBL. TRK. _____ FROM _____ TKT# _____

FRESH ____ CITY ____ KCL ____ PROD.\FLOWBACK ____ TRANSFER ____ PUMP USE _____

DISPOSAL SITE TKT# 335546 KCL TKT # _____

MILEAGE:		Empty	Loaded	Empty	Loaded	Empty	Loaded	Empty	Loaded
HI-WAY	NM			COLO.		UTAH		ARIZ.	
OFF ROAD	NM			COLO.		UTAH		ARIZ.	

	START	END	HOURS	BBLS	DETAILS
1	AM PM	AM PM	12	60	
2	AM PM	AM PM			
3	AM PM	AM PM			
4	AM PM	AM PM			
5	AM PM	AM PM			
6	AM PM	AM PM			
7	AM PM	AM PM			
8	AM PM	AM PM			
9	AM PM	AM PM			
10	AM PM	AM PM			
11	AM PM	AM PM			
12	AM PM	AM PM			
13	AM PM	AM PM			
14	AM PM	AM PM			
15	AM PM	AM PM			

NOTE! New tkt @ midnight	TTL HRS	TTL BBLS	HRLY CHRG	BBL RATE	TRANSIT $	PUMP CHRG	SHOP
Tkts must stay in sequence	12						

Date 2-11-07 Company Rep. Sig. _____

Truck Supervisor _____

san juan reproduction -r

ATTACHMENT 2

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
XTO Energy Inc. 2700 Farmington Ave., Bldg K, Ste 1 Farmington, New Mexico 87401	J. F. J. Landfarm C/o Industrial Ecosystems Inc #81 CR 3150 Aztec, New Mexico 87410
3. Originating Site (name): **Hampton D #1E** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **Sec. 10I—30N—11W San Juan County, New Mexico**
4. Source and Description of Waste **Approximately ~~120~~ 700 bbls of drilling mud and dirt from reserve pit being stabilized for closure** **Contact Person : Scott Baxtrom (505) 320-7751**	

I, Kim Champlin, Torey Cardona, and/or Lisa Winn representative for :**XTO Energy Inc.** do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

_X__**EXEMPT** oilfield waste

____**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Kim Champlin

Title: Environmental Assistant

Phone Number: 505-566-7954

Date: 02/06/2007

ATTACHMENT 3

SOUTHERN FLOW COMPANIES

SOUTHERN FLOW
2425 WEST AZTEC BLVD.
AZTEC NM 87410-0000
(505) 334-3898

CUST 2817-04 FOR: XTO ENERGY INC (6329)
FLD 3314 ATTN ROBERT VEST
STA 002 2700 FARMINGTON AVE
DATE 02/14/07 BLDG K SUITE 1
GC # VAR FARMINGTON NM 87401

SAMPLE IDENT: XTO ENERGY, INC.
85659-7393-77856
77856 HAMPTON D #1E NO: A70214-095844

TYPE GAS SAMPLE ANALYSIS GPA

SAMPLE: DATE 02/13/07 CYL NO 421 PSIG 138 GRAV 0.000 DIFF/IN H2O 0 WATER LBS/MMCF 0.0
DATA: TIME NA FLOW MMCF 0 TEMP 39 F SAMPLED BY - SFC-J. PETREE
MEMO: TAG 012902

COMPONENT	ANALYSIS	MOL PERCENT	GPM PSIA 14.730	ALT GPM PSIA 15.025
CO2	CARBON DIOXIDE	7.992	1.340	1.367
N2	NITROGEN	.357	.039	.040
C1	METHANE	84.541	14.329	14.616
C2	ETHANE	4.761	1.272	1.298
C3	PROPANE	1.341	.369	.377
IC4	ISO-BUTANE	.292	.096	.097
NC4	N-BUTANE	.301	.095	.097
IC5	ISO-PENTANE	.142	.052	.053
NC5	N-PENTANE	.095	.034	.035
C6+	HEXANES PLUS	.268	.118	.121
	TOTAL	100.000		
	TOTAL ETHANE + GPM		2.036	2.078
	TOTAL ISO-PENTANE + GPM		0.204	0.209

COMPRESSIBILITY FACTOR @ 14.730 PSIA 0.9972

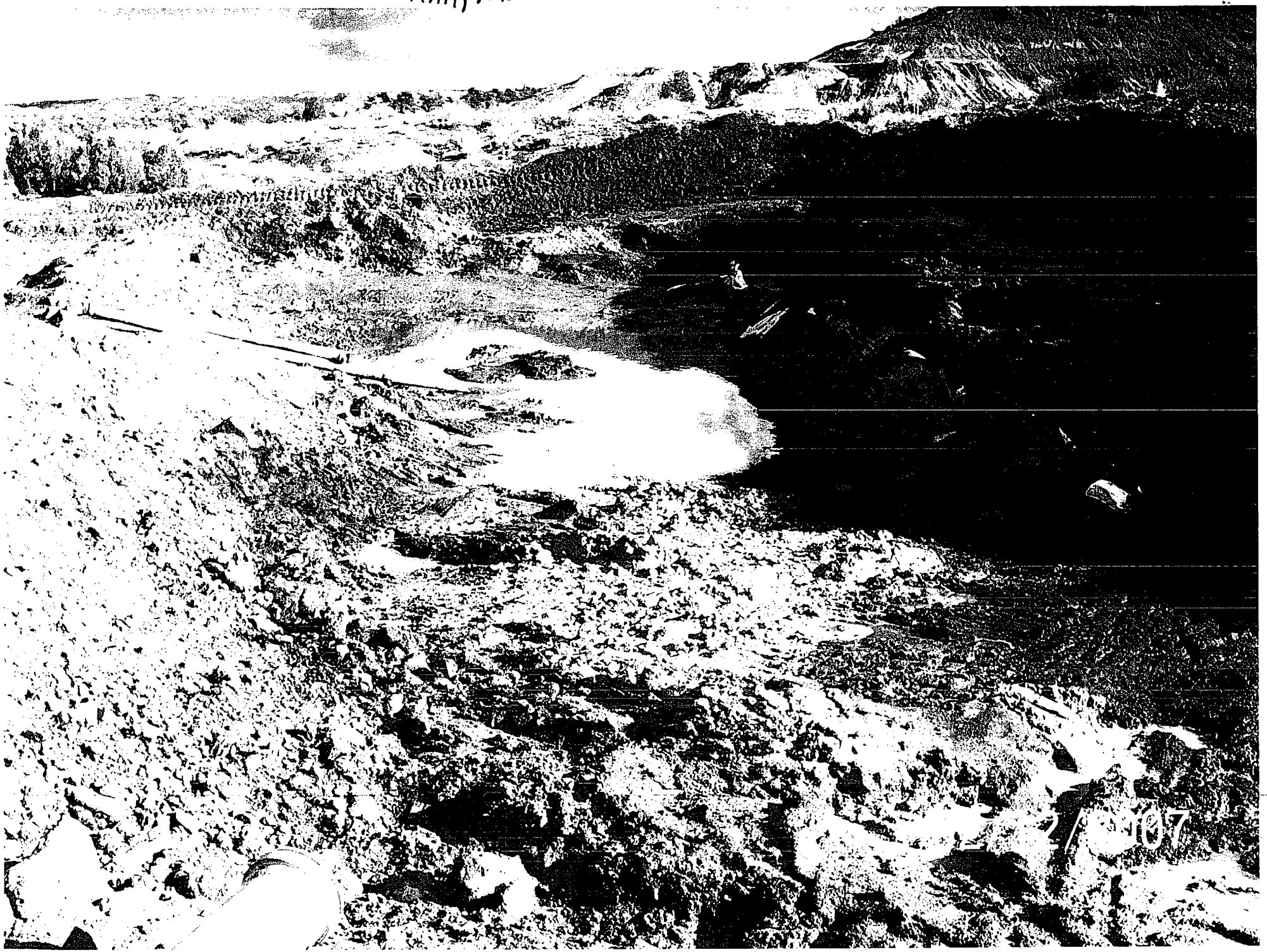
SPECIFIC GRAVITY - 60 DEG F (AIR = 1) 0.690

C6+ MOLECULAR WEIGHT 95.283

	BTUS PER CUBIC FT	DIFFERENCE	VARIANCE	HISTORICAL AVERAGE
14.730 DRY	1019.9	.9	.00 %	.0
14.730 WET	1003.1	.0	.00 %	.0
15.025 DRY	1040.3	.0	.00 %	.0
15.025 WET	1023.2	.0	.00 %	.0
14.696 DRY	1016.8	.0	.00 %	.0
14.696 WET	1000.1	.0	.00 %	.0

ATTACHMENT 4

HAMPTON #12



ATTACHMENT 5

CLIENT: XTO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO:
COCR NO: 1992

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: HAMPTON D WELL #: 1E TYPE: RESERVE
QUAD/UNIT: I SEC: 10 TWP: 30N RNG: 11W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1470 FSL x 820 FEL CONTRACTOR:

DATE STARTED: 2/9/07
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE:
DISPOSAL FACILITY: REMEDIATION METHOD:
LAND USE: RANGE/RESIDENTIAL LEASE: FEE FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 80± FT. S45E± FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

OVM CALIB. READ. = ppm
OVM CALIB. GAS = ppm RF = 0.52
TIME: am/pm DATE:

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / (OTHER) DRILL MUD / CUTTINGS
SOIL COLOR: LITE GRAY
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / (WET / SATURATED / SUPER SATURATED)
DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -
HC ODOR DETECTED: YES / NO EXPLANATION -
SAMPLE TYPE: (GRAB / COMPOSITE) # OF PTS.
ADDITIONAL COMMENTS: 110'± x 45'± PVC LINED DRILLING RESERVE PIT. COLLECT WATER SAMPLE (GRAB) & 5-POINT COMPOSITE MUD SAMPLE FOR LAB TESTING

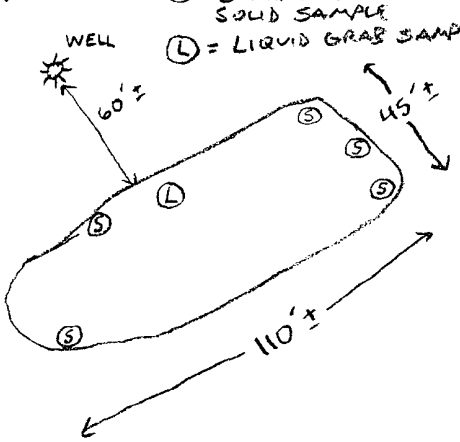
FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

N

PIT PERIMETER



P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
LIQUID	BTEX / RCI	1250
	CATION/ANION	
SOLIDS	TCLP	1300
5-POINT		

PIT PROFILE

TRAVEL NOTES: CALLOUT: ONSITE: 2/9/07

revised: 09/04/02

bei1005C.skf

CHAIN OF CUSTODY RECORD

1992

Client / Project Name	Project Location
BLAGG/XTO	HAMPTON D #1E

Sampler:	Client No.
JEFF BLAGG	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	CATION/ ANION	RCI	TCLP Less Pest/ Herb			Remarks
RESERVE PIT LIQUIDS	2-9-07	1250	40073	LIQUID	3	X	X	X				GRAB SAMPLE
RESERVE PIT SOLIDS	"	1300	40074	SOLID	1				X			5-POINT COMPOSITE

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	2/9/07	1422	Brian Walker	2/9/07	1422
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Liquids	Date Reported:	02-13-07
Chain of Custody:	1992	Date Sampled:	02-09-07
Laboratory Number:	40073	Date Received:	02-09-07
Sample Matrix:	Liquid	Date Analyzed:	02-13-07
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**73.8**	**1**	**0.2**
Toluene	**136**	**1**	**0.2**
Ethylbenzene	**20.6**	**1**	**0.2**
p,m-Xylene	**107**	**1**	**0.2**
o-Xylene	**37.5**	**1**	**0.1**
Total BTEX	**375**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**99.8 %**
	1,4-difluorobenzene	**99.8 %**
	4-bromochlorobenzene	**99.8 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Hampton D #1E Grab Sample**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Liquids	Date Reported:	02-13-07
Laboratory Number:	40073	Date Sampled:	02-09-07
Chain of Custody:	1992	Date Received:	02-09-07
Sample Matrix:	Liquid	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	02-12-07
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**11.02**	s.u.		
Conductivity @ 25° C	**9,910**	umhos/cm		
Total Dissolved Solids @ 180C	**4,620**	mg/L		
Total Dissolved Solids (Calc)	**2,210**	mg/L		
SAR	**12.9**	ratio		
Total Alkalinity as CaCO3	**666**	mg/L		
Total Hardness as CaCO3	**438**	mg/L		
Bicarbonate as HCO3	**566**	mg/L	9.28	meq/L
Carbonate as CO3	**100**	mg/L	3.33	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**1.1**	mg/L	0.02	meq/L
Nitrite Nitrogen	**0.025**	mg/L	0.00	meq/L
Chloride	**824**	mg/L	23.25	meq/L
Fluoride	**1.23**	mg/L	0.06	meq/L
Phosphate	**4.7**	mg/L	0.15	meq/L
Sulfate	**89.5**	mg/L	1.86	meq/L
Iron	**<0.001**	mg/L	0.00	meq/L
Calcium	**173**	mg/L	8.63	meq/L
Magnesium	**1.17**	mg/L	0.10	meq/L
Potassium	**88.5**	mg/L	2.26	meq/L
Sodium	**620**	mg/L	26.97	meq/L
Cations			37.96	meq/L
Anions			37.95	meq/L
Cation/Anion Difference			**0.03%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Hampton D #1E Grab Sample**

Christine M Walters
Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Liquids	Date Reported:	02-13-07
Lab ID#:	40073	Date Sampled:	02-09-07
Sample Matrix:	Liquid	Date Received:	02-09-07
Preservative:	Cool	Date Analyzed:	02-12-07
Condition:	Cool and Intact	Chain of Custody:	1992

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 11.1**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: **Hampton D #1E Grab Sample**

Christine M Walters
Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Solids	Date Reported:	02-13-07
Lab ID#:	40074	Date Sampled:	02-09-07
Sample Matrix:	Solid	Date Received:	02-09-07
Preservative:	Cool	Date Analyzed:	02-12-07
Condition:	Cool and Intact	Chain of Custody:	1992

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 8.64**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*
Reference:	40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.
Comments:	**Hampton D #1E 5 - Point Composite**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Solids	Date Reported:	02-16-07
Laboratory Number:	40074	Date Sampled:	02-09-07
Chain of Custody:	1992	Date Received:	02-09-07
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-07
Preservative:	Cool	Date Analyzed:	02-16-07
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0026	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	99.8%
	1,4-difluorobenzene	99.9%
	4-bromochlorobenzene	99.8%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: **Hampton D #1E 5 - Point Composite**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Solids	Date Reported:	02-14-07
Laboratory Number:	40074	Date Sampled:	02-09-07
Chain of Custody:	1992	Date Received:	02-09-07
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-07
Preservative:	Cool	Date Analyzed:	02-14-07
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	**ND**	**0.020**	**200**
p,m-Cresol	**ND**	**0.040**	**200**
2,4,6-Trichlorophenol	**ND**	**0.020**	**2.0**
2,4,5-Trichlorophenol	**ND**	**0.020**	**400**
Pentachlorophenol	**ND**	**0.020**	**100**

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	**99%**
	2,4,6-Tribromophenol	**100%**

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **Hampton D #1E 5 - Point Composite**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091
Nitroaromatics and Cyclic Ketones

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Solids	Date Reported:	02-14-07
Laboratory Number:	40074	Date Sampled:	02-09-07
Chain of Custody:	1992	Date Received:	02-09-07
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-07
Preservative:	Cool	Date Analyzed:	02-14-07
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	**ND**	**0.020**	**5.0**
Hexachloroethane	**ND**	**0.020**	**3.0**
Nitrobenzene	**ND**	**0.020**	**2.0**
Hexachlorobutadiene	**ND**	**0.020**	**0.5**
2,4-Dinitrotoluene	**ND**	**0.020**	**0.13**
HexachloroBenzene	**ND**	**0.020**	**0.13**

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorobiphenyl	**99%**

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8091, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments: **Hampton D #1E 5 - Point Composite**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Reserve Pit Solids	Date Reported:	02-13-07
Laboratory Number:	40074	Date Sampled:	02-09-07
Chain of Custody:	1992	Date Received:	02-09-07
Sample Matrix:	TCLP Extract	Date Analyzed:	02-13-07
Preservative:	Cool	Date Extracted:	02-12-07
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.005**	**0.001**	**5.0**
Barium	**0.481**	**0.001**	**100**
Cadmium	**0.003**	**0.001**	**1.0**
Chromium	**0.007**	**0.001**	**5.0**
Lead	**0.262**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.309**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Hampton D #1E 5 - Point Composite**

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