

NM2 - 2

**MONITORING
REPORTS
YEAR(S):**

2007 - 1999

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505)632-1199 Fax: (505)632-3903

RECEIVED

2008 FEB 1 PM 12 29

January 29, 2008

Ms. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Mr. Martin:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Schneider Waste Management Facility, Permit NM-02-0002. This report is for 2007 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

During the 2007 monitoring year, weekly inspections did not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values ranging between 8.5 - 9.8 units. A minimum freeboard of 1.08 feet was measured beginning on January 16, 2007. Yearend freeboard was measured at 2.9 feet.

Water at the Schneider pond is reduced via natural evaporation, spray evaporation and periodic transfer to the Cahn Evaporation Pond (Permit NM-02-0007) through a gravity feed pipeline. During most of the year no water was transferred to the Cahn pond.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2007 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

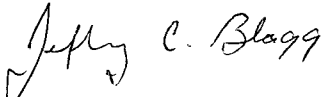
Sludge thickness was measured on August 3, 2007. On this date the average sludge was measured at 0.2 inches with an average water depth of about 9-inches. All sludge was removed from the pond in 2005 during a pond re-lining project and minimal sludge has accumulated since that date.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the new liner system has good integrity with no leaks. The new (shallow) leak detection system did not record any accumulations of water. An older, deep leak detection system has been left in place as a backup and small amounts of fluid accumulation (<0.5 gallons/day) from water trapped within the old liner continues to be observed and periodically removed from the old sump traps.

Questions or comments concerning the this transmittal may be directed to myself at (505)632-1199 or to Larry Schlotterback with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.



Jeffrey C. Blagg, P.E.
President

Attachments: Monitoring Spread Sheets

cc: Brandon Powell, NMOCD Aztec District Office
Larry Schlotterback, BP SJ Operations Center

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 02, 2008 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/02/07	CALM	0	ND	0.0	0.39	1.1	9.1	1.33	Y	Water xfer to Cahn off, Water Spray Off, Air Inj. On.
01/08/07	3-5	FROM 30	ND	0.0	1.95	0.3	9.1	1.21	Y	*1/2"-1" Thick ice on surface
01/16/07	0-4	FROM 45	ND	0.0	1.0	0.4	9.2	1.08	Y	Ice on surface, melting
01/23/07	3-5	FROM 210	ND	0.0	1.1	0.3	9.2	1.10	Y	Facility LO/TO (at limit)
02/01/07	5-8	FROM 170	ND	0.0	0.77	0.4	9.2	1.08	Y	
02/06/07	CALM	0	ND	0.0	2.33	1.3	9.1	1.08	Y	
02/12/07	15-30	FROM 270	ND	0.0	3.5	2.6	9.1	1.08	Y	All ice melted, facility still LO/TO.
02/19/07	2-5	FROM 135	ND	0.0	1.47	5.9	9.2	1.10	Y	
02/27/07	20-35	FROM 260	ND	0.0	0.94	7.0	9.2	1.25	Y	
03/06/07	10-15	FROM 270	ND	0.0	1.66	7.7	9.2	1.33	Y	Work crew skimming oil from pond surface
03/12/07	4-8	FROM 0	ND	0.0	1.91	8.9	9.2	1.33	Y	
03/19/07	10-15	FROM 0	ND	0.0	1.40	7.7	9.2	1.45	Y	Facility no longer LO/TO.
03/27/07	10-20	FROM 180	ND	0.0	1.30	15.2	8.8	1.50	Y	
04/02/07	10-20	FROM 210	ND	0.0	1.10	12.2	8.5	1.60	Y	
04/09/07	10-20	FROM 270	ND	0.0	0.34	15.4	8.8	1.75	Y	
04/17/07	0-3	FROM 180	ND	0.0	0.71	11.1	9.0	1.75	Y	
04/24/07	20-35	FROM 270	ND	0.0	2.00	9.7	9.1	1.80	Y	
04/30/07	2-4	FROM 180	ND	0.0	1.20	20.0	9.0	1.90	Y	
05/04/07	10-12	FROM 180	ND	0.0	0.90	22.2	9.0	1.90	Y	
05/09/07	5-10	FROM 270	ND	0.0	6.80	20.8	8.9	1.90	Y	
05/16/07	10-15	FROM 180	ND	0.0	16.90	22.8	9.1	2.00	Y	
05/22/07	15-25	FROM 310	ND	0.0	17.21	19.4	9.4	2.10	Y	
05/28/07	CALM	0	ND	0.0	8.16	17.3	9.4	2.10	Y	
06/01/07	5-10	FROM 180	ND	0.0	8.00	18.0	8.9	2.10	Y	
06/06/07	12-18	FROM 180	ND	0.0	7.54	16.2	9.4	2.10	Y	
06/15/07	4-10	FROM 10	ND	0.0	7.71	17.9	9.2	2.44	Y	
06/19/07	2-5	FROM 180	ND	0.0	2.05	24.2	9.2	2.50	Y	
06/25/07	2-5	FROM 180	ND	0.0	1.86	25.1	9.4	2.60	Y	
07/02/07	0-5	FROM 180	ND	0.0	5.90	29.2	9.4	2.60	Y	

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 02, 2008 (K4G)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/09/07	3-5	FROM 45	ND	0.0	3.03	27.1	9.4	2.90	Y	
07/16/07	0-5	FROM 45	ND	0.0	6.50	21.1	9.4	3.00	Y	
07/25/07	5-10	FROM 180	ND	0.0	5.80	25.2	9.4	3.10	Y	
07/31/07	0-5	FROM 180	ND	0.0	N/A	29.1	9.2	3.10	Y	
08/03/07	2-5	FROM 180	ND	0.0	N/A	29.1	9.2	3.10	Y	Conduct Annual Sludge Thickness Measurements
08/07/07	4-8	FROM 180	ND	0.0	N/A	26.8	9.2	3.10	Y	
08/13/07	CALM	0	ND	0.0	N/A	25.3	9.2	3.10	Y	
08/20/07	0-8	FROM 90	ND	0.0	N/A	25.6	9.2	3.20	Y	
08/27/07	CALM	0	ND	0.0	N/A	23.9	9.4	3.30	Y	
09/05/07	0-4	FROM 180	ND	0.0	N/A	25.8	9.3	3.30	Y	
09/10/07	5-8	FROM 315	ND	0.0	N/A	24.6	9.5	3.30	Y	
09/17/07	5-10	FROM 135	ND	0.0	N/A	26.1	9.5	3.30	Y	
09/24/07	5-10	FROM 180	ND	0.0	N/A	24.2	9.4	3.30	Y	
10/01/07	3-5	FROM 90	ND	0.0	N/A	26.2	9.5	3.30	Y	About 3" 8" of water in pond, with about 10% of liner base showing.
10/10/07	0-4	FROM 90	ND	0.0	N/A	24.0	9.5	3.30	Y	
10/15/07	8/12	FROM 180	ND	0.0	N/A	20.9	9.6	3.30	Y	
10/23/07	CALM	0	ND	0.0	N/A	16.7	9.7	3.30	Y	
10/29/07	5-10	FROM 90	ND	0.0	N/A	14.5	9.5	3.30	Y	
11/05/07	10-15	FROM 350	ND	0.0	N/A	8.2	9.6	3.30	Y	
11/13/07	0-5	FROM 180	ND	0.0	N/A	11.1	9.5	3.30	Y	
11/19/07	CALM	0	ND	0.0	N/A	8.6	9.6	3.30	Y	Ice on entire pond surface.
11/26/07	5-8	FROM 0	ND	0.0	N/A	0.9	9.5	3.30	Y	Ice on entire pond surface.
12/03/07	CALM	0	ND	0.0	N/A	6.4	9.8	3.20	Y	Oily emulsion on about 2/3 of pond surface
12/11/07	0-4	FROM 135	ND	0.0	N/A	5.1	9.6	3.00	Y	Oily emulsion on about 1/3 of pond surface
12/17/07	5-8	FROM 60	ND	0.0	N/A	1.0	9.6	3.00	Y	Ice on entire surface with oily emulsion at NE corner only
12/27/07	0-1	FROM 0	ND	NA	N/A	NA	NA	2.90	Y	Ice on entire surface, with oily emulsion at NE Corner only.

Leak Detection - Monthly Insepection Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 04, 2007 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP (Deep)				SE SUMP (Deep)			
	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH
	ppm	ppm	celcius		ppm	ppm	celcius	

01/02/07	Water Below Inlet				Water Below Inlet			
02/06/07	Water Below Inlet				Water Below Inlet			
03/06/07	Water Below Inlet				Water Below Inlet			
04/02/07	Water Below Inlet				Water Below Inlet			
05/04/07	Water Below Inlet				Water Below Inlet			
06/01/07	Water Below Inlet				Water Below Inlet			
07/02/07	Water Below Inlet				Water Below Inlet			
08/03/07	Water Below Inlet				Water Below Inlet			
09/05/07	Water Below Inlet				Water Below Inlet			
10/01/07	Water Below Inlet				Water Below Inlet			
11/05/07	Water Below Inlet				Water Below Inlet			
12/03/07	Water Below Inlet				Water Below Inlet			

Note: Sump inspections indicate no failure of pond liner integrity.

Shallow (primary) sump system dry for entire 2007 monitoring year.

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

2007 FEB 13 AM 10 18

February 9, 2007

Ms. Brad Jones
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Mr. Martin:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Schneider Waste Management Facility, Permit NM-02-0002. This report is for 2006 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

During the 2006 monitoring year, weekly inspections did not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values ranging between 7.8 - 9.2 units. A minimum freeboard of 1.42 feet was measured on December 27, 2006.

Water at the Schneider pond is reduced via natural evaporation, spray evaporation and periodic transfer to the Cahn Evaporation Pond (Permit NM-02-0007) through a gravity feed pipeline. During most of the year no water was transferred to the Cahn pond.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2005 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

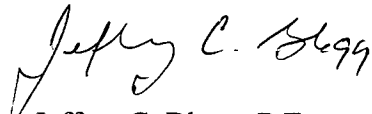
Sludge thickness was measured on October 10, 2006 during removal of residual oil on the pond surface. There was no recordable sludge found on the pond base. Note that all sludge was removed in August 2005 during a pond relining project.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the new liner system has good integrity with no leaks. A minor amount of water accumulated in the northeast sump in February 2006 but was removed and did not re-accumulate. Indications are this water was from trapped liquids that entered the sump system from a small leak that was repaired in 2005. An older, deep leak detection system has been left in place as a backup and small amounts of fluid accumulation (<1 gallon/day) from water trapped within the old liner continues to be observed and periodically removed from the old sump traps.

Questions or comments concerning the this transmittal may be directed to myself at (505)632-1199 or to Kevin Hansford with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.


Jeffrey C. Blagg, P.E.
President

Attachments: Monitoring Spread Sheets

cc: Brandon Powell, NMOCD Aztec District Office
Kevin Hansford, BP SJ Operations Center

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 02, 2007 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/02/06	3-5	FROM 30	ND	0.0	N/A	2.0	8.8	3.50	Y	ABOUT 4" OF H2O IN POND
01/09/06	1-3	FROM 120	ND	0.0	N/A	0.6	8.7	3.50	Y	ABOUT 6" OF H2O IN POND WITH SURFACE LAYER OF ICE
01/19/06	3-5	FROM 270	ND	0.0	0.8	0.6	8.6	3.00	Y	ICE ON 80% OF SURFACE
01/26/06	0-2	FROM 180	ND	0.0	2.4	0.8	8.6	2.90	Y	ICE ON 90% OF SURFACE
02/01/06	12-22	FROM 270	ND	0.0	N/A	6.7	7.8	2.80	Y	WATER DEPTH TOO LOW FOR DO MEASUREMENT
02/08/06	0-3	FROM 160	ND	0.0	5.70	4.9	7.8	2.80	Y	
02/14/06	2-4	FROM 0	ND	0.0	2.7	4.0	7.9	2.50	Y	
02/28/06	4-8	FROM 80	ND	0.0	6.30	7.0	8.2	2.50	Y	ABOUT 60 GAL H2O IN NEW NE SUMP - PUMP OUT
03/08/06	10-18	FROM 250	ND	0.0	1.32	7.9	7.8	2.40	Y	H2O SHALLOW IN NE SUMP
03/13/06	5-10	FROM 270	ND	0.0	2.94	5.8	7.8	2.36	Y	NO NEW H2O IN SUMP
03/21/06	6-12	FROM 70	ND	0.0	2.22	8.4	8.1	2.25	Y	
02/22/06	0-4	FROM 180	ND	0.0	3.90	5.4	7.8	2.60	Y	
03/29/06	5-12	FROM 180	ND	0.0	1.38	9.5	8.5	2.19	Y	
04/03/06	0-3	FROM 90	ND	0.0	1.49	10.9	8.5	2.13	Y	
04/11/06	5-10	FROM 270	ND	0.0	1.92	15.9	8.2	2.15	Y	
04/17/06	5-10	FROM 180	ND	0.0	1.15	14.2	8.9	2.02	Y	
04/28/06	0-1	FROM 45	ND	0.0	1.15	13.3	8.5	2.08	Y	
05/01/06	8-12	FROM 270	ND	0.0	1.34	20.3	8.8	2.02	Y	
05/08/06	10-16	FROM WEST	ND	0.0	1.87	23.1	8.8	2.29	Y	
05/15/06	5-10	FROM 90	ND	0.0	1.42	18.4	8.9	2.33	Y	
05/23/06	10-12	FROM 235	ND	0.0	1.47	18.9	8.9	2.42	Y	
06/02/06	2-4	FROM 290	ND	0.0	1.11	26.3	8.8	2.48	Y	
06/07/06	4-7	FROM 20	ND	0.0	0.51	18.9	8.9	2.52	Y	
06/12/06	5-18	FROM 180	ND	0.0	7.80	26.8	8.8	2.54	Y	
06/20/06	4-8	FROM 180	ND	0.0	1.11	21.1	8.9	2.66	Y	
06/26/06	1-3	FROM 0	ND	0.0	0.66	29.9	8.9	2.73	Y	
07/05/06	2-4	FROM 190	ND	0.0	0.98	25.9	8.8	2.75	Y	

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW/4, Section 28, T 32 N, R 10 W, N.M.P.M.
San Juan County, New Mexico

REVISED DATE: JANUARY 02, 2007 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/10/06	2-3	FROM 250	ND	0.0	0.74	24.1	9.0	2.67	Y	
07/17/06	2-4	FROM 0	ND	0.0	0.11	20.4	9.1	2.73	Y	
07/24/06	0-3	FROM 45	ND	0.0	0.21	24.7	9.1	2.75	Y	
07/28/06	5-8	FROM 200	ND	0.0	0.39	22.9	9.0	2.75	Y	
08/05/06	5-8	FROM 180	ND	0.0	0.33	30.4	8.9	2.69	Y	
08/10/06	0-3	FROM 170	ND	0.0	0.41	24.7	9.0	2.67	Y	
08/16/06	1-2	VARIABLE	ND	0.0	0.09	21.7	9.1	2.69	Y	
08/22/06	4-8	FROM 170	ND	0.0	0.12	25.4	9.0	2.67	Y	
08/29/06	2-5	FROM 180	ND	0.0	0.59	28.0	9.0	2.67	Y	
09/05/06	2-5	FROM 180	ND	0.0	0.09	21.1	9.0	2.69	Y	
09/12/06	2-4	FROM 170	ND	0.0	0.56	21.4	9.1	2.63	Y	
09/18/06	0-2	FROM 45	ND	0.0	1.26	20.7	9.1	2.58	Y	
09/26/06	2-6	FROM 160	ND	0.0	0.64	18.3	9.0	2.54	Y	
10/05/06	2-8	FROM 45	ND	0.0	0.30	15.5	9.0	2.46	Y	
10/10/06	4-8	FROM 260	ND	0.0	0.38	16.4	9.1	2.17	Y	CREW ON SITE SKIMMING OIL. NO SLUDGE IN POND BASE
10/18/06	2-4	FROM 45	ND	0.0	1.15	11.3	9.1	2.00	Y	
10/24/06	CALM	0	ND	0.0	0.51	11.5	9.2	1.92	Y	
11/01/06	4-6	FROM 180	ND	0.0	1.39	8.8	9.1	2.50	Y	
11/09/06	4-8	FROM 45	ND	0.0	0.81	7.4	9.0	1.92	Y	
11/17/06	2-4	FROM 90	ND	0.0	0.74	4.2	9.2	1.88	Y	
11/21/06	2-4	FROM 190	ND	0.0	0.53	4.7	9.2	1.92	Y	
11/27/06	10-15	FROM 180	ND	0.0	0.44	4.2	9.2	1.92	Y	
12/04/06	4-6	FROM 180	ND	0.0	0.74	0.7	9.2	1.92	Y	THIN ICE ON SURFACE
12/13/05	2-4	FROM 180	ND	0.0	0.66	2.3	9.0	1.71	Y	
12/22/06	5-15	FROM 30	ND	0.0	1.04	1.2	9.1	1.55	Y	
12/27/06	5-10	FROM 30	ND	0.0	0.61	0.9	9.2	1.42	Y	

BP - America Production Company
Schneider Waste Management Facility
Leak Detection - Monthly Insepection Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 05, 2006 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP				SE SUMP			
	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH
01/02/06	BELOW INLET				BELOW INLET			
02/01/06	BELOW INLET				BELOW INLET			
03/08/06	BELOW INLET				0.0	0.04	6.9	9.2
04/03/06	BELOW INLET				BELOW INLET			
05/01/06	BELOW INLET				BELOW INLET			
06/02/06	BELOW INLET				BELOW INLET			
07/05/06	BELOW INLET				BELOW INLET			
08/10/06	BELOW INLET				BELOW INLET			
09/05/06	BELOW INLET				BELOW INLET			
10/05/06	BELOW INLET				BELOW INLET			
11/01/06	BELOW INLET				BELOW INLET			
12/04/06	BELOW INLET				BELOW INLET			

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

February 20, 2006

2006 FEB 22 PM 1 21

Ms. Ed Martin
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Mr. Martin:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Schneider Waste Management Facility, Permit NM-02-0002. This report is for 2005 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

A new liner system was installed in the Schneider Evaporation Pond in August – September 2005. The liner was installed on top of the existing liner system and was comprised of a 40-mil PVC sub liner, wafer mesh interstitial fabric and 80-mil PVC top liner. A dedicated leak detection system to monitor fluids between the liners was constructed and included two monitoring sumps to collect any fluids. The old (deeper) liner and leak detection system was left in place as a backup to the new installation. The evaporation pond was placed back into service on September 22, 2005.

A leak in the new top liner was identified on November 3, 2005 during a monthly sump inspection. The pond was immediately taken out of service, drained and the leak source was identified and repaired. The evaporation pond was placed back into service on December 14, 2005. The new liner indicated good integrity following the repair.

During the 2005 monitoring year, weekly inspections did not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values ranging between 8.1 - 9.3 units. A minimum freeboard of 1.3 feet was measured on February 21, 2005. Yearend freeboard was greater than 3.5 feet, with the pond mostly empty following liner installation and repair.

Water transfer to the Cahn Evaporation Pond (Permit NM-02-0007) was conducted intermittently throughout the year via a gravity feed pipeline to reduce water levels in the Schneider pond.

Prior to pond relining, the aeration system and spray evaporation system were primarily in continuous operation with occasional shut-downs for maintenance or electrical outage. Following pond relining the water levels were too low to place the aeration or spray evaporation systems back into operation.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2005 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

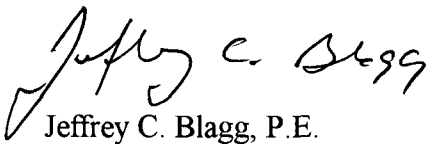
Sludge thickness was measured on July 25, 2005 in preparation for pond relining. The average sludge thickness was less than 6-inches. All sludge was removed in August 2005 and transported to the permitted BP Crouch Mesa Landfarm for remediation.

Leak Detection System Monitoring

As discussed previously, year-end leak detection monitoring indicates the new liner system (following repairs) has good integrity with no leaks. The older, deep leak detection system was left in place as a backup. Small amounts of fluid accumulation (<5 gallons/day) from water trapped between the old liner continues to be observed and periodically removed from the old sump traps.

Questions or comments concerning this transmittal may be directed to myself at (505)632-1199 or to Don Brooks with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.



Jeffrey C. Blagg, P.E.

President

Attachments: Monitoring Spread Sheets

cc: Denny Foust, NMOCD Aztec District Office
Don Brooks, BP SJ Operations Center

BP - America Procuotion Company Schneider Waste Management Facility Field Data Summary

SW-4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 27, 2005 (KAG)

BLAGG ENGINEERING, INC.

INSPECT DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/03/05	8-12	40	ND	0.0	0.99	2.1	9.2	1.60	Y	Water XFER off, Air inj. on, Spray off
01/14/05	6-12	45	ND	0.0	1.27	0.7	9.2	1.65	Y	Water XFER off, Air inj. on, Spray off
01/21/05	0-5	180	ND	0.0	1.2	6.3	9.1	1.55	Y	Water XFER off, Air inj. on, Spray on
01/28/05	0-2	175	ND	0.0	1.6	2.7	9.0	1.55	Y	Water XFER off, Air inj. on, Spray on
02/02/05	0-5	200	ND	0.0	0.53	9.1	9.1	1.50	Y	Water XFER off, Air inj. on, Spray off
02/08/05	8-12	225	ND	0.0	1.01	8.6	9.0	1.50	Y	Water XFER off, Air inj. on, Spray off
02/16/05	9-19	275	ND	0.0	2.6	12.0	9.2	1.35	Y	Water XFER off, Air inj. on, Spray off
02/21/05	3-8	45	ND	0.0	1.26	12.9	9.1	1.33	Y	Water XFER off, Air inj. on, Spray off
03/03/05	0-2	45	ND	0.0	0.95	8.8	9.2	1.40	Y	Water XFER off, Air inj. on, Spray on
03/07/05	5-12	180	ND	0.0	1.13	14.4	9.2	1.40	Y	Water XFER off, Air inj. on, Spray on
03/14/05	10-15	200	ND	0.0	1.24	8.6	9.2	1.45	Y	Water XFER off, Air inj. on, Spray off
03/22/05	0-1	45	ND	0.0	1.07	6.4	9.3	1.50	Y	Water XFER off, Air inj. on, Spray off
03/28/05	0-2	80	ND	0.0	0.30	11.4	9.3	1.45	Y	Water XFER off, Air inj. on, Spray on
04/04/05	5-10	90	ND	0.0	0.21	13.3	9.2	1.55	Y	Water XFER off, Air inj. on, Spray on
04/11/05	0-8	290	ND	0.0	0.58	10.1	9.2	1.70	Y	Water XFER off, Air inj. on, Spray on
04/20/05	10-20	195	ND	0.0	1.66	15.7	9.2	1.85	Y	Water XFER off, Air inj. on, Spray on
04/25/05	5-13	260	ND	0.0	2.34	14.9	9.3	1.85	Y	Water XFER off, Air inj. on, Spray on
05/02/05	0-6	185	ND	0.0	0.37	16.1	9.3	1.70	Y	Water XFER on, Air inj. on, Spray on
05/09/05	5-10	170	ND	0.0	0.41	23.2	9.3	1.60	Y	Water XFER off, Air inj. on, Spray on
05/16/05	0-4	45	ND	0.0	1.14	27.1	9.3	1.60	Y	Water XFER on, Air inj. on, Spray on
05/23/05	5-13	280	ND	0.0	0.05	23.7	9.3	1.70	Y	Water XFER on, Air inj. on, Spray on
05/31/05	4-6	280	ND	0.0	0.16	18.8	9.3	1.85	Y	Water XFER on, Air inj. on, Spray on
06/03/05	4-9	220	ND	0.0	0.00	18.1	9.2	2.00	Y	Water XFER on, Air inj. on, Spray on
06/10/05	0-2	160	ND	0.0	0.13	16.9	9.3	2.00	Y	Water XFER off, Air inj. on, Spray on
06/14/05	0-2	E&S	ND	0.0	0.30	18.5	9.3	1.90	Y	Water XFER off, Air inj. on, Spray on
06/21/05	0-8	160	ND	0.0	0.36	23.8	9.3	2.00	Y	Water XFER on, Air inj. on, Spray on
06/29/05	0-5	180	ND	0.0	0.19	21.0	9.3	2.10	Y	Water XFER on, Air inj. on, Spray on

BP - America Procuction Company Schneider Waste Management Facility Field Data Summary

SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 27, 2005 (KAG)

BLAGG ENGINEERING, INC.

INSPECT DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/08/05	4-10	240	ND	0.0	1.65	18.3	9.2	2.75	Y	Water XFER on, Air inj. on, Spray on
07/12/05	0-3	170	ND	0.0	0.02	29.6	9.3	2.50	Y	Water XFER on, Air inj. off, Spray on
07/19/05	0-3	Variable	ND	0.0	0.02	19.4	9.3	2.40	Y	Water XFER off, Air inj. on, Spray off
07/25/05	0-7	260	ND	0.0	0.36	24.2	9.3	2.40	Y	Water XFER off, Air inj. on, Spray off, Sludge Meas.
08/01/05	CALM	0	ND	0.0	0.96	25.1	9.3	2.50	Y	Water XFER off, Air inj. on, Spray off
08/08/05	0-4	90	ND	0.0	N/A	24.2	9.3	2.90	Y	Water XFER off, Air inj. off, Spray off, Draining Pond
08/16/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	Pond Empty, Removing Sludge
08/22/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	Pond Empty for Relining Project
08/26/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	Pond Empty for Relining Project
09/06/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	Pond Empty for Relining Project
09/13/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	New Liner in, installing aeration
09/21/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	Y	New Liner in, installing aeration
09/26/05	5-8	180	ND	0.0	N/A	N/A	N/A	3.50	Y	Pond In Service 9/22/05. 1"-2" water. Set Indicator.
10/07/05	2-5	45	ND	0.0	N/A	N/A	N/A	3.50	Y	1" - 3" water in pond.
10/11/05	6-14	285	ND	0.0	N/A	14.8	8.2	3.50	Y	Water XFER off, Air inj. off, water on 90% of surface
10/18/05	0-2	120	ND	0.0	N/A	16.9	8.2	3.30	Y	Water XFER off, Air inj. off, Spray Off
10/25/05	CALM	0	ND	0.0	8.10	15.9	8.4	3.25	Y	Water XFER off, Air inj. off, Spray Off
11/03/05	2-6	110	ND	0.0	N/A	13.0	8.1	3.25	N	Find water in New NE Sump - Apparent leak.
11/07/05	CALM	0	ND	0.0	N/A	N/A	N/A	3.30	NA	Pond Down for Leak Inspection
11/16/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	NA	Pond Down for Leak Inspection
11/22/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	NA	Pond Down for Leak Inspection
11/29/05	15-22	270	ND	0.0	N/A	N/A	N/A	N/A	NA	Pond Down for Liner Repair
12/05/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	NA	Pond Down for Liner Repair
12/13/05	N/A	N/A	ND	0.0	N/A	N/A	N/A	N/A	NA	Pond Down for Liner Repair
12/19/05	0-2	70	ND	0.0	N/A	N/A	N/A	N/A	Y	Pond in service 12/14/05. 1"-2" ice on 75% surface
12/26/05	4-6	10	ND	0.0	N/A	N/A	N/A	N/A	Y	About 2" ice on entire surface.

BP - America Production Company
Schneider Waste Management Facility
Leak Detection - Monthly Insepection Field Data Summary
SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 14, 2005 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP				SE SUMP			
	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH
01/14/05	0.0	0.68	2.0	9.1	0.0	0.25	2.6	9.1
02/02/05	0.0	0.09	6.6	9.0	0.0	0.53	6.8	9.1
03/03/05	0.0	0.50	7.2	9.0	0.0	0.39	7.4	8.9
04/04/05	0.0	0.81	12.2	9.0	0.0	0.62	12.0	9.0
05/02/05	0.0	1.27	17.5	9.0	0.0	0.29	17.6	9.1
06/03/05	0.0	0.62	18.5	9.1	0.0	0.94	18.6	9.2
07/12/05	0.0	0.11	26.4	9.2	0.0	0.06	26.1	9.3
08/01/05	0.0	0.64	24.4	9.1	0.0	0.22	25.0	9.0
09/06/05	SUMPs	EMPTY	FOR	RE-LINING	PROJECT			
10/07/05	0.0	0.09	14.9	9.2	0.0	0.31	15.5	9.2
11/03/05	0.0	0.99	15.6	9.0	0.0	1.36	15.8	9.0
12/13/05	SUMPs	EMPTY	FOR	LINER	REPAIR			

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

February 14, 2005

Ms. Ed Martin
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Mr. Martin:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Schneider Waste Management Facility, Permit NM-02-0002. This report is for 2004 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values ranging between 8.9 - 9.7 units. A minimum freeboard of 1.42 feet was measured in April, 2004 and year end freeboard was measured at 1.60 feet. Water transfer to the Cahn Evaporation Pond (Permit NM-02-0007) was conducted intermittently throughout the year via a gravity feed pipeline to reduce water levels in the Schneider pond.

The pond aeration system was in continuous operation throughout the year, with occasional shut-downs for maintenance or electrical outage only. Use of the water cascade system was discontinued in May, 2004 and a new water spray evaporation system was installed in October, 2004. The spray system has automated shut-down depending on wind speed and direction. The spray system was mostly operated in manual mode for setup and testing.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2004 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

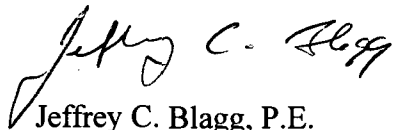
Sludge thickness was measured in the pond on December 16, 2004 at 12 separate locations. The maximum thickness was measured at 6-inches at the northwest corner of the pond and the average thickness for all points was 2.3-inches. The facility permit does not require sludge removal until the average thickness exceeds 12-inches.

Leak Detection System Monitoring

The southeast galvanized steel sump was replaced with a pvc sump in January, 2004 and the northeast sump was replaced in April, 2004. During these sump replacements there were no significant leaks observed in the old collection system. Fluid accumulation continues to be observed and periodically removed from both sumps.

Questions or comments concerning this transmittal may be directed to myself at (505)632-1199 or to Brittany Benko with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.



Jeffrey C. Blagg, P.E.
President

Attachments: Monitoring Spread Sheets

cc: Denny Foust, NMOCD Aztec District Office
Don Brooks, BP SJ Operations Center

BP - America Production Company
Schneider Waste Management Facility
Leak Detection - Monthly Insepection Field Data Summary
SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 20, 2004 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP				SE SUMP			
	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH
	ppm	ppm	celcius		ppm	ppm	celcius	
01/19/04	0.0	0.09	5.8	9.7	0.0	0.19	9.3	9.6
02/17/04	0.0	0.31	5.3	9.5	0.0	0.09	6.2	9.5
03/05/04	0.0	0.78	6.3	9.3	0.0	1.01	5.6	9.3
04/01/04	0.0	0.95	11.9	9.3	TLTM	TLTM	TLTM	TLTM
04/12/04	0.0	1.05	11.0	9.0	0.0	0.30	10.6	9.2
05/03/04	0.0	0.74	12.7	9.1	0.0	0.33	11.7	9.2
06/03/04	0.0	0.39	17.0	9.2	0.0	0.68	16.5	9.3
07/20/04	0.0	0.03	23.0	8.7	0.0	0.00	24.0	9.0
08/09/04	0.0	0.97	21.8	8.9	0.0	0.52	21.5	8.9
09/02/04	0.0	0.04	21.8	9.1	0.0	0.02	21.0	9.0
10/14/04	0.0	0.09	16.4	9.1	0.0	0.09	16.0	9.0
11/10/04	0.0	0.24	11.8	9.1	0.0	0.06	12.2	9.0
12/03/03	0.0	0.05	8.6	9.1	0.0	0.03	8.9	9.2

BP - America Procuction Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 4, 2005 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/15/04	5-10	180	ND	0.0	0.00	26.0	9	2.40	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
07/20/04	0-7	290	ND	0.0	0.05	27.9	9.1	2.30	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
07/28/04	0-7	285	ND	0.0	0.01	23.1	9	2.20	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
08/09/04	0-2	190	ND	0.0	1.41	19.2	9.2	2.30	Y	CAL INSTS TO STAND H2O XFER CAHN AIR INJ ON H2O CASCADE OFF
08/16/04	3-8	210	ND	0.0	2.13	21.4	9.1	2.30	Y	CAL INSTS TO STANDARDS AIR INJ ON H2O XFER
08/27/04	0-4	45	ND	0.0	0.05	18.0	9	2.25	Y	CAL INSTS TO STANDARDS AIR INJ ON H2O XFER TO CAHN H2O CASCADE OFF
09/02/04	2-8	225	ND	0.0	0.66	24.2	9	2.25	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
09/08/04	4-8	190	ND	0.0	0.06	20.6	9	2.20	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
09/16/04	5-10	40	ND	0.0	0.14	14.4	9	2.30	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O CASCADE OFF
09/20/04	10-20	180	ND	0.0	0.08	17.6	9	2.20	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O CASCADE OFF
09/28/04	0-3	120	ND	0.0	0.06	15.2	9.1	2.40	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O CASCADE OFF
10/06/04	0-4	180	ND	0.0	0.02	18.0	9.1	2.40	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
10/14/04	3-7	180	ND	0.0	0.04	13.6	9.3	2.33	Y	CAL INSTS TO STAND H2O XFER OFF PRELIM INSTALL OF AIR SPRAY SYS
10/22/04	5-15	180	ND	0.0	0.16	0.9	9	2.25	Y	H2O XFER OFF AIR INJ ON H2O CASCADE OFF PRELIM INSTALL OF AIR SPRAY SYS
10/28/04	10-15	180	ND	0.0	0.07	11.1	9.1	2.50	Y	H2O XFER ON AIR INJ ON NEW H2O SPRAY EVAP SYS UNDER CONSTR
11/04/04	5-10	135	ND	0.0	0.26	9.9	9.2	2.00	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON NEW H2O SPRAYOFF
11/10/04	2-6	45	ND	0.0	0.49	5.2	9.2	1.90	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O SPRAYOFF
11/19/04	5-12	260	ND	0.0	0.78	10.0	9.1	1.80	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O SPRAYOFF
11/22/04	5-8	30	ND	0.0	0.90	5.4	9.2	1.70	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O SPRAYOFF
12/01/04	5-10	190	ND	0.0	0.80	2.6	9.2	1.70	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O SPRAYOFF
12/10/04	0-2	225	ND	0.0	0.63	7.6	9.2	1.60	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON AIR/H2O SPRAYOFF
12/16/04	5-10	215	ND	0.0	0.09	8.5	9.4	1.55	Y	H2O XFER OFF AIR INJ ON H2O SPRAYOFF CONDUCT ANN SLUDGE BUILDUP MEAS.
12/22/04	0-5	200	ND	0.0	4.00	1.5	9.2	1.55	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O SPRAYOFF
12/30/04	CALM	0	ND	0.0	2.00	4.6	9.1	1.60	Y	CAL INSTS TO STAND H2O XFER TO CAHN AIR INJ ON H2O SPRAYON

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 4, 2005 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/06/04	CALM	0	ND	0.0	8.2	-1.0	9.7	1.71	Y	CAL INST @ CAHN AIR INJ ON ICE ON 90% OF SURFACE PUMP NE SUMP, 15' - BBL
01/13/04	5-10	90	ND	0.0	0.91	0.1	9.6	1.67	Y	CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
01/27/04	5-8	20	ND	0.0	1.12	-0.8	9.7	1.63	Y	POND 90% COVERED W/ICE CAL INSTS TO STANDS AIR INJ ON H2O CASCADE OFF
02/04/04	3-8	210	ND	0.0	0.81	0.9	9.7	1.50	Y	ICE ON 50% OF SURFACE AIR INJ ON H2O CASCADE OFF, CAL INST @ CAHN
02/09/04	0-8	195	ND	0.0	0.39	2.0	9.7	1.50	Y	CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
02/17/04	0-2	15	ND	0.0	0.34	1.2	9.9	1.58	Y	H2O XFER TO CAHN ON CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
02/26/04	5-9	100	ND	0.0	2.21	7.0	9.6	1.50	Y	CAL INSTS TO STANDARDS @ OFFICE H2O XFER OFF AIR INJ ON H2O CASCADE OFF
03/05/04	10-28	275	ND	0.0	0.36	6.3	9.6	1.50	Y	CAL INSTS @ OFFICE AIR INJ ON H2O CASCADE OFF
03/11/04	0-1	290	ND	0.0	0.58	14.6	9.3	1.45	Y	CAL INSTS TO STANDARDS AIR INJ ON H2O CASCADE OFF H2O XFER TO CAHN OFF
03/18/04	0-5	220	ND	0.0	0.09	15.4	9.1	1.55	Y	CAL INST @ OFFICE AIR INJ ON H2O CASCADE ON
03/26/04	0-4	225	ND	0.0	0.04	16.3	9.5	1.58	Y	CAL INST @ OFFICE AIR INJ OFF H2O CASCADE ON
04/01/04	CALM	0	ND	0.0	0.1	15.4	9.4	1.67	Y	CAL INSTS @ CAHN H2O TRANSFER OFF AIR INJ OFF H2O CASCADE ON
04/08/04	1-3	125	ND	0.0	0.84	12.3	9.5	1.42	Y	NEW NE SUMP INSTALLED 040204 AIR INJ ON H2O CASCADE ON H2O XFER OFF
04/12/04	5-10	180	ND	0.0	0.05	17.4	9.4	1.42	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
04/22/04	4-11	180	ND	0.0	0.2	14.0	9.5	1.60	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
04/29/04	10-17	200	ND	0.0	0.27	15.4	9.5	1.65	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
05/03/04	5-12	200	ND	0.0	0.41	22.5	9.5	1.70	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
05/13/04	10-20	270	ND	0.0	2.55	15.9	9.3	1.80	Y	H2O XFER OFF AIR INJ ON H2O CASCADE ON TURN H2O CASCADE OFF
05/19/04	5-8	190	ND	0.0	0.03	26.7	9.3	1.80	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
05/27/04	5-9	280	ND	0.0	0.08	23.2	9.3	1.80	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/03/04	2-6	100	ND	0.0	0.27	19.0	9.4	1.90	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/10/04	2-9	190	ND	0.0	0.31	20.6	9.2	2.10	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ OFF H2O CASCADE OFF
06/14/04	5-10	180	ND	0.0	0.05	31.2	9.3	2.10	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/24/04	2-6	210	ND	0.0	0.04	25.6	9.2	2.25	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/30/04	5-10	260	ND	0.0	0.01	25.7	8.9	2.25	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
07/09/04	5-10	20	ND	0.0	0.10	17.6	9	2.33	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF

BP - America Procuction Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 4, 2005 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/06/04	CALM	0	ND	0.0	8.2	-1.0	9.7	1.71	Y	CAL INST @ CAHN AIR INJ ON ICE ON 90% OF SURFACE PUMP NE SUMP, 15 + - BBL
01/13/04	5-10	90	ND	0.0	0.91	0.1	9.6	1.67	Y	CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
01/27/04	5-8	20	ND	0.0	1.12	-0.8	9.7	1.63	Y	POND 90% COVERED WICE CAL INSTS TO STANDS AIR INJ ON H2O CASCADE OFF
02/04/04	3-8	210	ND	0.0	0.81	0.9	9.7	1.50	Y	ICE ON 90% OF SURFACE AIR INJ ON H2O CASCADE OFF, CAL INST @ CAHN
02/09/04	0-8	195	ND	0.0	0.39	2.0	9.7	1.50	Y	CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
02/17/04	0-2	15	ND	0.0	0.34	1.2	9.9	1.58	Y	H2O XFER TO CAHN ON CAL INSTS @ CAHN AIR INJ ON H2O CASCADE OFF
02/26/04	5-9	100	ND	0.0	2.21	7.0	9.6	1.50	Y	CAL INSTS TO STANDARDS @ OFFICE H2O XFER OFF AIR INJ ON H2O CASCADE OFF
03/05/04	10-28	275	ND	0.0	0.36	6.3	9.6	1.50	Y	CAL INSTS @ OFFICE AIR INJ ON H2O CASCADE OFF
03/11/04	0-1	290	ND	0.0	0.58	14.6	9.3	1.45	Y	CAL INSTS TO STANDARDS AIR INJ ON H2O CASCADE OFF H2O XFER TO CAHN OFF
03/18/04	0-5	220	ND	0.0	0.09	15.4	9.1	1.55	Y	CAL INST @ OFFICE AIR INJ ON H2O CASCADE ON
03/26/04	0-4	225	ND	0.0	0.04	16.3	9.5	1.58	Y	CAL INST @ OFFICE AIR INJ OFF H2O CASCADE ON
04/01/04	CALM	0	ND	0.0	0.1	15.4	9.4	1.67	Y	CAL INSTS @ CAHN H2O TRANSFER OFF AIR INJ OFF H2O CASCADE ON
04/08/04	1-3	125	ND	0.0	0.84	12.3	9.5	1.42	Y	NEW NE SUMP INSTALLED 040204 AIR INJ ON H2O CASCADE ON H2O XFER OFF
04/12/04	5-10	180	ND	0.0	0.05	17.4	9.4	1.42	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
04/22/04	4-11	180	ND	0.0	0.2	14.0	9.5	1.60	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
04/29/04	10-17	200	ND	0.0	0.27	15.4	9.5	1.65	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
05/03/04	5-12	200	ND	0.0	0.41	22.5	9.5	1.70	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE ON
05/13/04	10-20	270	ND	0.0	2.55	15.9	9.3	1.80	Y	H2O XFER OFF AIR INJ ON H2O CASCADE ON TURN H2O CASCADE OFF
05/19/04	5-8	190	ND	0.0	0.03	26.7	9.3	1.80	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
05/27/04	5-9	280	ND	0.0	0.08	23.2	9.3	1.80	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/03/04	2-6	100	ND	0.0	0.27	19.0	9.4	1.90	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/10/04	2-9	190	ND	0.0	0.31	20.6	9.2	2.10	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ OFF H2O CASCADE OFF
06/14/04	5-10	180	ND	0.0	0.05	31.2	9.3	2.10	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/24/04	2-6	210	ND	0.0	0.04	25.6	9.2	2.25	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
06/30/04	5-10	260	ND	0.0	0.01	25.7	8.9	2.25	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF
07/09/04	5-10	20	ND	0.0	0.10	17.6	9	2.33	Y	CAL INSTS TO STAND H2O XFER OFF AIR INJ ON H2O CASCADE OFF

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505)632-1199 Fax: (505)632-3903

RECEIVED

MAR 01 2004

Environmental Bureau
Oil Conservation Division

February 25, 2004

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Frive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0007
BP Cahn Waste Management Facility
NW/4 Sec. 33 - T32N - R10W, San Juan County, NM

Dear Ms. Kieling:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Cahn Waste Management Facility, Permit NM-02-0007. This report is for 2003 calendar year monitoring. Attached are spread sheets that summarize the weekly evaporation pond and monthly sump monitoring test results.

In October, 2003 the pond was evaporated and drained of fluids and all sediment/sludge/salt was removed. The liner and leak detection system is approximately 21 years old and a new liner and leak detection system was installed on top of the existing system in November, 2003. The old liner and leak detection system was left in place and in operation as a back-up to the new system. Additional documentation for the liner installation is presented herein.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values in excess of 9.0. Discharges to this pond are via a pipeline from the Schneider Waste Management Facility and no water haulers or other pipelines emit water to the facility. Minimum freeboard was measured at 1.0 feet between March 31 - April 4, 2003. Evaporation brought the freeboard level to 1.5 feet by May 20, 2003. The year-end freeboard (following new liner installation) was measured at 1.7 feet.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2003 calendar year and no treatment zone monitoring was required or performed. During pond sediment/salt removal for liner replacement, these materials were temporarily stored in a bermed and fenced area prior to transportation to the San Juan County Regional Landfill. Correspondence, Generators Waste Profile and laboratory analytical

MM
3-2-04

reports concerning this waste are attached.

Evaporation Pond Sludge Thickness

All sludge/sediment was removed from the pond in October, 2003 for the new liner installation. The majority of this material was salt that accumulated as all residual water was evaporated from the pond. As of December 30, 2003 the pond sediment thickness was 0'0".

Leak Detection System Monitoring

No significant leaks into or from the leak detection system were observed during the 2003 calendar year. A secondary (shallow) leak detection system was installed in the pond during the new liner installation in November, 2003. The existing primary (deep) leak detection system was left in place for identification of leaks through the new liner system bottom liner.

As of December 30, 2003 the shallow leak detection system had not accumulated any fluids, indicating that there were no leaks in the new liner system. The deep leak detection system was capturing fluids at a low rate (about 6 gallons/day) from prior liquids trapped between liners. This flow rate is anticipated to reduce to a minimal volume as the trapped fluids are all collected.

Closure of Tank Drain Pit

During pond relining operations, a tank drain sump pit containing a steel tank was taken out of service on November 12, 2003. The soils below this pit were sampled to insure there were no leaks into the subsurface soils. Laboratory data reports indicate that no hydrocarbons were detected in the soils below this pit. The field data and laboratory reports for this pit closure are attached.

Waterfowl Diversionary Flagging

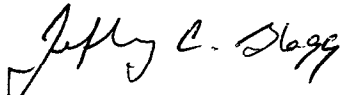
New waterfowl diversionary flagging was installed over the pond following new liner installation in November, 2003. This flagging is suspended by five (5) steel cables stretched about 6 feet above the pond. No waterfowl has been observed in the waste management facility since installation of the flagging.

Year 2004 Planned Operations

Additional facility modifications are not scheduled for 2004.

Questions or comments concerning this transmittal may be directed to myself at (505)632-1199 or to Brittany Benko with BP at (505)326-9200.

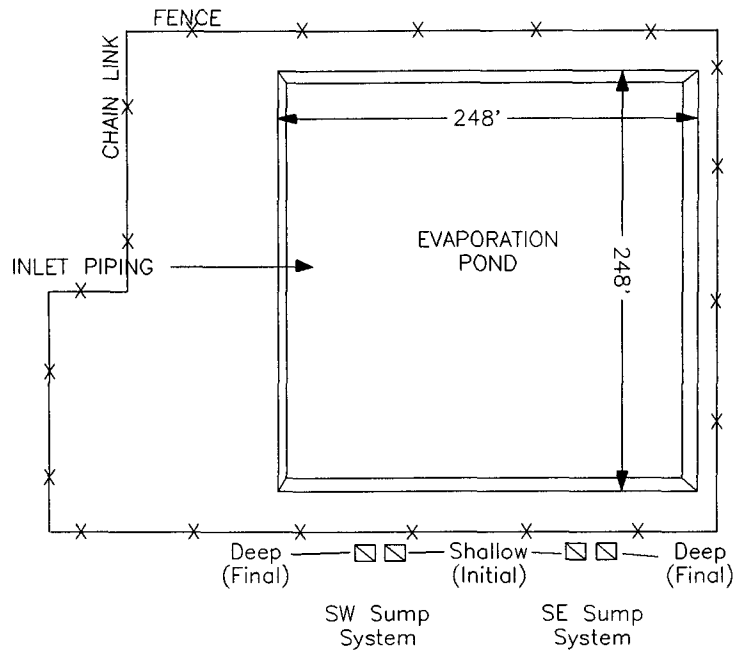
Respectfully submitted:
Blagg Engineering, Inc.


Jeffrey C. Blagg, P.E.,
President

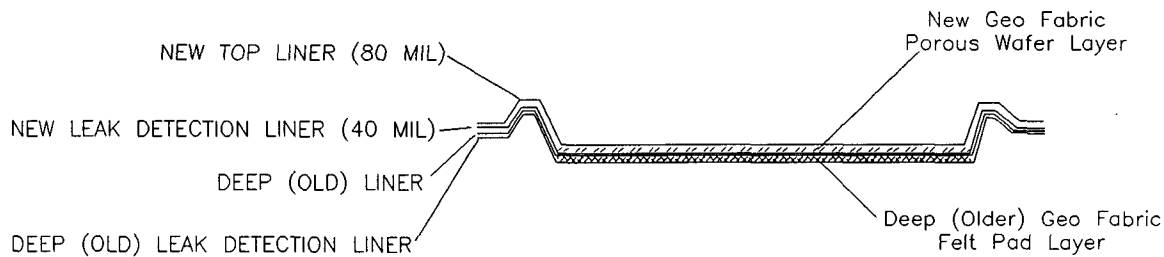
Attachments: Monitoring Spread Sheets
Solid Waste Landfill Disposal Documentation
Pit Closure Documentation

cc: Denny Foust, NMOCD Aztec District Office
Brittany Benko, BP SJ Operations Center
George Joseph, BP SJ Operations Center

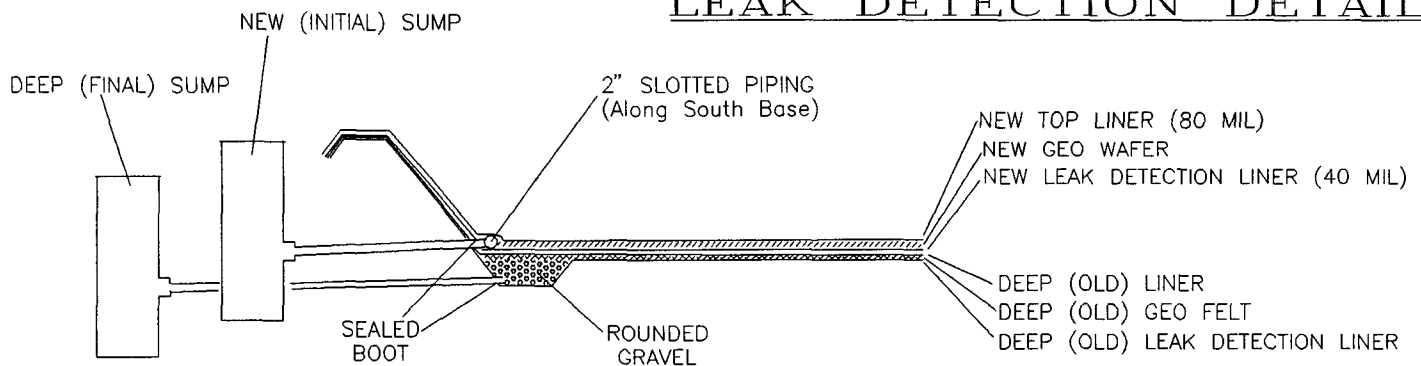
PLAN VIEW



SIDE VIEW



LEAK DETECTION DETAIL



BP-AMERICA PRODUCTION CO.
CAHN WASTE MGMT. FAC.
SAN JUAN CO., NEW MEXICO
PERMIT NM-02-0007

DECEMBER 2003

BLAGG ENGINEERING, INC.
CONSULTING ENGINEERING SERVICES

P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

EVAP. POND
SCHEMATIC

FIGURE 1

DRWN BY:
JCB

CAHN2

PROJ. MGR:
JCB

BP / America Production Co. Cahn Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/03/03	1-3	FROM EAST	ND	0.0	1.14	3.8	9.4	3.05	Y	CAL INST @ SCHNEIDER H2O XFER FROM SCH
01/10/03	0-2	180	ND	0.0	0.08	8.2	9.4	2.80	Y	CAL INSTS @ OFFICE. SUMP5 PUMPED 010603 H2O IN SE @ BOTTOM TSTM
01/17/03	6-12	0	ND	0.0	0.14	0.4	9.8	2.90	Y	CAL Insts @ Office. H2O XFER FROM SCHNEIDER
01/21/03	5-8	165	ND	0.0	0.1	6.6	9.6	3.00	Y	CAL INSTS @ OFFICE. H2O XFER FROM SCHNEIDER
01/28/03	9-13	260	ND	0.0	0.05	14.6	9.4	3.00	Y	CAL INSTS @ to standards. H2O XFER FROM SCHNEIDER USING PUMP
02/06/03	8-15	270	ND	0.0	0.09	0.1	9.1	1.50	Y	CAL INSTS to standards. H2O XFER FROM SCHNEIDER. ICE ON 95% OF SURFACE
02/11/03	1-4	350	ND	0.0	0.33	0.4	9.3	1.50	Y	CAL INSTS @ SCHN. H2O XFER FROM SCHNEIDER TERM. 27/03 THIN LAYER OF ICE.
02/20/03	2-7	10	ND	0.0	0.24	3.9	9.2	1.50	Y	INSTS CAL NOTES ON SCHNEIDER SHEET
02/26/03	1-3	350	ND	0.0	0.48	2.0	9.2	1.50	Y	CAL INSTS to standards
03/03/03	0-3	190	ND	0.0	0.08	6.3	9.2	1.40	Y	Cal Insts to Standards
03/10/03	0-5	260	ND	0.0	0.09	13.9	9.3	1.50	Y	CAL INSTS to standards. water xfer from Schneider.
03/17/03	4-8	170	ND	0.0	0.09	9.7	9.6	1.10	Y	CAL INSTS to standards. water xfer from Schneider.
03/31/03	2-7	150	ND	0.0	1.6	12.2	9.5	1.00	Y	Cal Insts to Standards
04/04/03	4-12	WEST	ND	0.0	0.64	11.8	9.4	1.00	Y	Cal Insts to Standards
04/09/03	4-7	15	ND	0.0	1.7	6.6	9.5	1.10	Y	INSTS CAL NOTES ON SCHNEIDER SHEET
04/15/03	15-25	260	ND	0.0	2.12	6.8	9.4	1.20	Y	Cal Insts to Standards
04/24/03	10-18	255	ND	0.0	0.61	17.7	9.5	1.05	Y	Cal Insts to Standards
05/01/03	0-4	190	ND	0.0	0.99	11.1	9.4	1.20	Y	Cal Insts to Standards
05/09/03	5-8	185	ND	0.0	0.52	11.7	9.3	1.25	Y	Cal Insts to Standards
05/13/03	3-10	285	ND	0.0	0.85	16.8	9.4	1.30	Y	Cal Insts to Standards
05/20/03	10-18	120	ND	0.0	0.81	14.5	9.4	1.50	Y	Cal Insts to Standards
05/28/03	4-9	180	ND	0.0	0.53	17.7	9.2	1.60	Y	Cal Insts to Standards
06/04/03	7-11	325	ND	0.0	9.05	21.6	9.1	1.50	Y	Cal Insts to Standards
06/11/03	0-3	180	ND	0.0	2.48	18.6	9.4	1.30	Y	Cal Insts to Standards. pond water has reddish color
06/19/03	2-5	10	ND	0.0	0.75	17.3	9.4	1.60	Y	INSTS CAL NOTES ON SCHNEIDER SHEET
06/26/03	2-9	190	ND	0.0	0.70	24.4	9.2	1.30	Y	INSTS CAL NOTES ON SCHNEIDER SHEET
07/02/03	0-4	45	ND	0.0	1.83	18.7	9.3	1.50	Y	Cal Insts to Standards

BP / America Production Co. Cahn Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/09/03	2-6	190	ND	0.0	0.51	18.0	9.2	1.70	Y	Cal Insts to Standards
07/18/03	4-8	140	ND	0.0	0.06	32.0	9.1	1.90	Y	'INSTS CAL NOTES ON SCHNEIDER SHEET
07/25/03	0-2	160	ND	0.0	1.15	20.9	9.3	2.40	Y	Cal Insts to Standards, after water to schneider with vac. truck.
07/31/03	3-7	135	ND	0.0	TLTM	28.7	9.3	3.00	Y	Cal Insts to Standards, after water to schneider with vac. truck.
08/06/03	0-5	100	ND	0.0	NA	NA	NA	3.10	Y	Cal Insts to Standards, pond drained for inspection/repair
08/15/03	4-8	100	ND	0.0	TLTM	23.6	9.5	3.00	Y	'INSTS CAL NOTES ON SCHNEIDER SHEET
08/18/03	4-13	0	ND	0.0	TLTM	18.4	9.4	3.00	Y	Cal Insts to Standards
08/26/03	0-3	15	ND	NA	NA	NA	NA	3.20	Y	Cal Insts to Standards
09/02/03	2-4	180	ND	NA	NA	NA	NA	NA	Y	POND W/ 90% SURFACE EXPOSED-H2O PUMPED/VEAP OUT SALT & SLUDGE ON BASE
09/11/03	0.4	140	ND	0.0	TLTM	21.0	9.3	3.20	Y	Cal Insts to Standards
09/16/03	3-5	180	ND	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
09/25/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
10/02/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
10/07/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
10/14/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
10/24/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	'POND BEING CLEANED OUT CREW ON SITE REMOVING BAS SEDIMENTS
10/31/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	POND EMPTY FOR REPAIRS SUMP PUMPED DRY
11/06/03	NA	NA	NA	0.0	NA	NA	NA	NA	Y	POND EMPTY FOR REPAIRS SUMP PUMPED DOWN
11/13/03	3-6	90	ND	0.0	3.75	7.1	9.5	3.00	Y	H2O XFER TO CAHN BEGAN 0845 11/1203 CAL INSTS TO STANDARDS
11/19/03	1-3	80	ND	0.0	4.10	3.2	9.6	2.50	Y	CAL INSTS to standards, water after from Schneider.
11/24/03	0-2	270	ND	0.0	NA	9.2	9.7	2.50	Y	CAL INSTS to standards, water after from Schneider, DO meter down.
12/03/03	5.10	15	ND	0.0	9.80	1.0	9.5	2.25	Y	CAL INSTS to standards, water after from Schneider, survey in water level indicator
12/11/03	0-3	20	ND	0.0	13.10	0.3	9.6	1.88	Y	CAL INSTS to standards, water after off
12/17/03	0-2	200	ND	0.0	10.20	-0.9	9.6	1.73	Y	CAL INSTS to standards, water after off
12/23/03	1-4	80	ND	0.0	1.90	0.4	9.6	1.71	Y	CAL INSTS to standards, water after off
12/30/03	5-4	50	ND	0.0	3.80	-1.4	9.6	1.71	Y	CAL INSTS @ SCHNEIDER ICE ON 100% OF SURFACE

BP - America Production Company
Cahn Waste Management Facility
Leak Detection - Monthly Insepection Field Data Summary
SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 8, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	SW SUMP				SE SUMP			
	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH
	ppm	ppm	celcius		ppm	ppm	celcius	
01/03/03	0.0	0.31	4.6	9.5	0.0	0.09	5.5	9.4
01/10/03	0.0	0.03	10.0	9.3	NA	NA	NA	NA
02/11/03	0.0	0.06	3.0	9.2	TLTM	TLTM	TLTM	TLTM
03/10/03	0.0	0.14	7.4	9.3	TLTM	TLTM	TLTM	TLTM
04/04/03	0.0	0.96	8.3	9.6	TLTM	TLTM	TLTM	TLTM
04/24/03	0.0	0.32	13.5	9.5	TLTM	TLTM	TLTM	TLTM
05/01/03	0.0	1.72	11.4	9.7	TLTM	TLTM	TLTM	TLTM
06/11/03	0.0	7.20	19.8	9.9	0.0	6.33	21.8	10.0
07/09/03	0.0	0.19	23.2	9.9	0.0	0.23	25.5	10.0
08/06/03	0.0	0.33	26.0	9.6	0.0	0.47	24.4	9.8
09/11/03	0.0	0.75	19.8	9.8	0.0	1.42	19.8	9.9
10/02/03	NA	NA	NA	NA	NA	NA	NA	NA
11/06/03	NA	NA	NA	NA	NA	NA	NA	NA
12/03/03	0.0	1.00	8.5	9.4	TLTM	TLTM	TLTM	TLTM

CAHN EVAPORATION POND

DOCUMENTATION OF SOLID WASTE DISPOSAL
AT
SAN JUAN COUNTY LANDFILL



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

September 18, 2003

Lori Wrotenberg

Director

Oil Conservation Division

Brittany Benko
BP America Production Company
200 Amoco Court
Farmington, NM 87401

**RE: Solid Waste, Chan Evaporation Pond Salts/Solids
Generator, BP America Production Co., Chan Evaporation Pond, Permit NM-02-007
Disposal Location, San Juan County Regional Landfill, Farmington, NM**

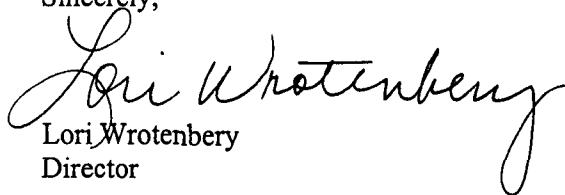
Dear Ms. Benko:

The New Mexico Oil Conservation Division (OCD) has received Blagg Engineering, Inc.'s request on behalf of BP America Production Company dated September 10, 2003 to dispose of dried evaporation pond salts and solids from the Chan Evaporation Pond at the San Juan County Regional Landfill permitted by the New Mexico Environment Department. The Chan Evaporation Pond is permitted by the OCD under Permit NM-02-007. The OCD has reviewed the material submitted including the laboratory analysis and hereby approves the above-referenced solid waste pursuant to OCD Rule 712.D.3.n.

Please be advised that our approval does not relieve BP America Production Company of liability should your operation result in pollution of surface water, ground water, or the environment. In addition, OCD approval does not relieve BP America Production Company of responsibility for compliance with other federal, state or local laws and/or regulations.

If you have any questions please do not hesitate to contact Martyne Kieling at (505) 476-3488.

Sincerely,


Lori Wrotenberg
Director

LW/mjk

xc with attachments:

Aztec OCD Office
Don Beardsley, NMED SWB
Charles A. Hules, NMED SWB
Jeff Blagg, Blagg Engineering, Inc., P.O. Box 87, Bloomfield, NM 87413

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

September 10, 2003

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Request to Dispose Waste at Municipal Landfill Pursuant to Rule 712 D (3)(n)
BP Cahn Waste Management Facility: Permit NM-02-0007
NW/4 Sec. 33 - T32N - R10W, San Juan County, NM

Dear Ms. Kieling:

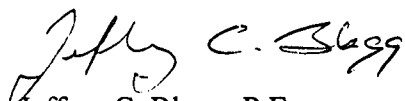
On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is requesting approval to dispose solid waste from clean out of the evaporative pond at the Cahn Waste Management Facility San Juan County, New Mexico, Permit NM-02-0007. The facility is presently undergoing standard maintenance and repair. The evaporative pond has been drained of liquids and accumulated sludge/salt is to be removed for liner inspection. BP respectfully requests approval to dispose the solid waste at a licensed commercial landfill pursuant to NMOCD Rule 712 D (3) (n).

A composite sample of the sludge/salt was collected on August 20, 2003 and submitted to Envirotech Labs in Farmington, New Mexico for determination of waste status by full TCLP analysis. The test results indicate that the material is non-hazardous by testing. An additional sample was collected on September 4, 2003 and submitted to High Desert Safety for determination of naturally occurring radioactive materials (NORM). This testing indicates that NORM is not present in the waste. Laboratory reports for all analyses are attached.

Based on the nature of the waste and analytical test results, BEI believes the waste is non-hazardous and qualifies for disposal at a solid waste landfill. Verbal communication with the San Juan County Regional Landfill, operated by Waste Management, indicates they will accept the waste if it passes TCLP testing (including metals) following approval by NMOCD.

Your review of this request is appreciated. Questions or comments may be directed to myself at (505)632-1199 or to Brittany Benko with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.


Jeffrey C. Blagg, P.E.,
President

Attachments: Laboratory Test Reports

cc: Denny Foust, NMOCD Aztec District Office
Brittany Benko, BP San Juan Operations Center
George Joseph, BP San Juan Operations Center

Service Agreement on File? ☒ YES ☐ NO

Profile Number: WM

GV 3810

☐ Hazardous ☒ Non-Hazardous ☐ TSCA

Renewal Date:

12/31/2003

A. Waste Generator Information

1. Generator Name: CAHN EVAPORATION POND 2. SIC Code: 1381
3. Facility Street Address: NW 1/4 SEC 33-T32N-R10W 4. Phone: (505) 326-9200
5. Facility City: SAN JUAN COUNTY 6. State/Province: NEW MEXICO
7. Zip/Postal Code: NA 8. Generator USEPA/Federal ID #: CESQ4
9. County: SAN JUAN 10. State/Province ID #: _____
11. Customer Name: BP AMERICA PRODUCTION CO 12. Customer Phone: () _____
13. Customer Contact: BRITTANY BENKO 14. Customer Fax: (505) 326-9262
15. Billing Address: 200 Energy Court, Farmington NM ☒ Same as above

B. Waste Stream Information**1. Description**

- a. Name of Waste: EVAPORATIVE POND SALT + SEDIMENT
b. Process Generating Waste: EVAPORATION OF WATER FROM PRODUCING OIL & GAS WELLS.
PRIMARY RESIDUE IS SALT + SEDIMENT SLUDGE

c. Color <u>VARIABLE - DARK</u>	d. Strong odor (describe): <u>PUNGENT</u>	e. Physical state @ 70°F ☒ Solid ☐ Liquid ☐ Gas ☐ Sludge ☐ Other	f. Layers ☒ Single Layer ☐ Multi-layer	g. Free liquid range <u>0</u> to <u>0</u> % h. pH: Range <u>9.3</u> to <u>9.6</u> %
------------------------------------	--	---	---	--

- i. Liquid Flash Point: ☐ <73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☒ Not applicable

- j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis): LAB TCLP TEST REPORTS ATTACHED

Constituents	Concentration Range	Constituents	Concentration Range
<u>SALT</u>	<u>80%</u>		
<u>SEDIMENT</u>	<u>20%</u>		

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

- k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive
☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive

- l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j)..... ☐ YES ☒ NO
m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j)..... ☐ YES ☒ NO
n. Does the waste represented by this profile contain asbestos?..... ☐ YES ☒ NO
If yes..... ☐ friable ☐ non-friable
o. Does the waste represented by this profile contain benzene?..... ☒ YES ☐ NO
If yes, concentration 0.0077 ppm
Is the waste subject to the benzene waste operations NESHAP?..... ☐ YES ☒ NO
p. Is the waste subject to RCRA Subpart CC controls?..... ☐ YES ☒ NO
If no, does the waste meet the organic LDR Exemption?..... ☐ YES ☐ NO
If no, does the waste contain <500 ppmw volatile organic (VO)?..... ☒ YES ☐ NO
Volatile organic concentration _____ ppmw
q. Does the waste contain any Class I or Class II ozone-depleting substances?..... ☐ YES ☒ NO
r. Does the waste contain debris? (list in Section B.1.j)..... ☐ YES ☒ NO

2. Quantity of WasteEstimated Annual Volume 750 ☐ Tons ☒ Yards ☐ Drums ☐ Other (specify) _____**3. Shipping Information**

- a. Packaging:
☐ Bulk Solid; Type/Size: _____ ☐ Bulk Liquid; Type/Size: _____
☐ Drum; Type; Size: _____ ☒ Other: END OR BULK DUMP TRUCK
b. Shipping Frequency: Units 40 Per: ☐ Month ☐ Quarter ☐ Year ☐ One time ☒ Other TRUCKS
c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e, and f)..... ☐ YES ☒ NO

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

- d. Reportable Quantity (lbs., kgs.): _____ e. Hazard Class/ID #: _____
- f. USDOT Shipping Name: _____
- g. Personal Protective Equipment Requirements: NONE
- h. Transporter/Transfer Station: VARIOUS

C. Generator's Certification. (Please check appropriate responses, sign, and date below.)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2. _____ ☐ YES ☒ NO
 a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U) _____
- b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section B.1.j) _____ ☐ YES ☐ NO
- c. Does this waste contain debris? (if yes, list size and type in Chemical Composition - B.1.) _____ ☐ YES ☐ NO
2. Is this a state hazardous waste? _____ ☐ YES ☒ NO
 identify ALL state hazardous waste codes _____
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? _____ ☐ YES ☒ NO
 If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? _____ ☐ YES ☒ NO
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (if yes, list in Chemical Composition - B.1.j) _____ ☐ YES ☒ NO
 a. If yes, were the PCBs imported into the U.S.? _____ ☐ YES ☐ NO
6. Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? _____ ☒ YES ☐ NO
7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? _____ ☒ YES ☐ NO

☒ Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Brittany D Benko Title: Environmental Coordinator
 Name (Type or Print): Brittany D Benko Company Name: BP America Production Co Date: 09/23/03

☒ Check if additional information is attached. Indicate the number of attached pages 22
(1) NMOED APPROVAL LETTER (2) LABORATORY TCLP TEST REPORTS

D. WM Management's Decision**FOR WM USE ONLY**

1. Management Method ☒ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration
☐ Hazardous Stabilization ☐ Other (Specify) _____
2. Proposed Ultimate Management Facility: SAN JUAN COUNTY LANDFILL
3. Precautions, Special Handling Procedures, or Limitation on Approval: Buy upon receipt
4. Waste Form _____ 5. Source _____ 6. System Type _____
- Special Waste Decision _____ ☒ Approved ☐ Disapproved
- Salesperson's Signature: _____ Date: _____
- Division Approval Signature (Optional): _____ Date: _____
- Special Waste Approvals Person Signature: [Signature] Date: 9-24-03

11262

ENVIROTECH INC.

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 - Pt. Comp.	Date Reported:	08-22-03
Lab ID#:	26383	Date Sampled:	08-20-03
Sample Matrix:	Solid	Date Received:	08-22-03
Preservative:	Cool	Date Analyzed:	08-22-03
Condition:	Cool and Intact	Chain of Custody:	11262

Parameter	Result
-----------	--------

IGNITABILITY:	Negative
---------------	----------

CORROSIVITY:	Negative	pH = 9.44
--------------	----------	-----------

REACTIVITY:	Negative
-------------	----------

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

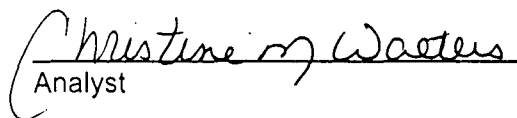
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. (i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)
---------------	---

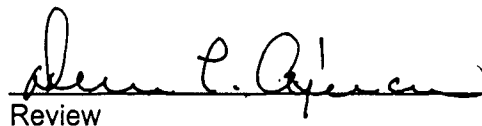
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. (i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)
--------------	--

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:	Cahn Pond.
-----------	------------


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt. Comp.	Date Reported:	08-25-03
Laboratory Number:	26383	Date Sampled:	08-20-03
Chain of Custody:	11262	Date Received:	08-22-03
Sample Matrix:	TCLP Extract	Date Extracted:	08-22-03
Preservative:	Cool	Date Analyzed:	08-25-03
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)	0.0116	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0077	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

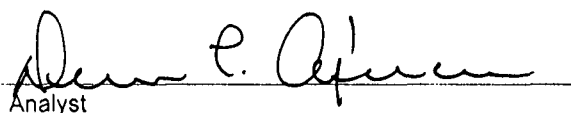
ND - Parameter not detected at the stated detection limit.

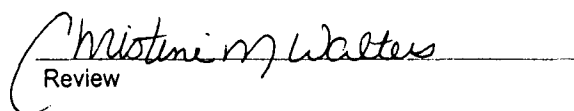
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	100%
	1,4-difluorobenzene	100%
	4-bromochlorobenzene	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

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

Comments: Cahn Pond.


Analyst


Review

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt. Comp.	Date Reported:	08-25-03
Laboratory Number:	26383	Date Sampled:	08-20-03
Chain of Custody:	11262	Date Received:	08-22-03
Sample Matrix:	TCLP Extract	Date Extracted:	08-22-03
Preservative:	Cool	Date Analyzed:	08-25-03
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	99%

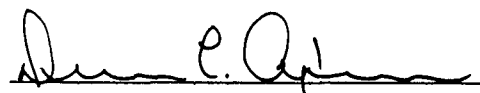
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

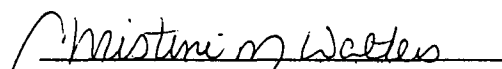
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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: Cahn Pond.


Analyst


Review

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Pt. Comp.	Date Reported:	08-25-03
Laboratory Number:	26383	Date Sampled:	08-20-03
Chain of Custody:	11262	Date Received:	08-22-03
Sample Matrix:	TCLP Extract	Date Extracted:	08-22-03
Preservative:	Cool	Date Analyzed:	08-25-03
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. 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

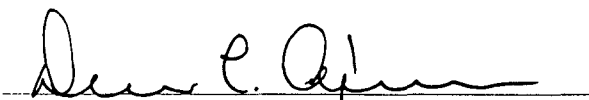
ND - Parameter not detected at the stated detection limit.

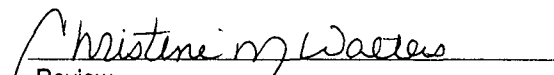
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	97%

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 8090, 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: Cahn Pond.


Analyst


Review

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 - Pt. Comp.	Date Reported:	08-26-03
Laboratory Number:	26383	Date Sampled:	08-20-03
Chain of Custody:	11262	Date Received:	08-22-03
Sample Matrix:	TCLP Extract	Date Analyzed:	08-26-03
Preservative:	Cool	Date Extracted:	08-22-03
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	ND	0.001	5.0
Barium	0.102	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.045	0.001	5.0
Lead	0.026	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

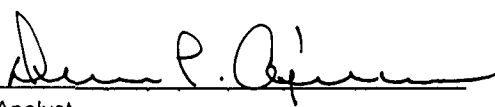
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, December 1996.

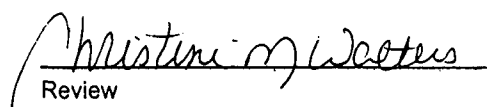
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

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: **Cahn Pond.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-25-03
Laboratory Number:	08-25-TCV	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-25-03
Condition:	N/A	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	ND	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.

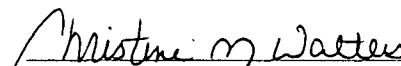
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	100%
	1,4-difluorobenzene	100%
	4-bromochlorobenzene	100%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

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

Comments: QA/QC for sample 26383.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-25-03
Laboratory Number:	08-22-TCV	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-25-03
Condition:	N/A	Date Extracted:	08-22-03
		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	ND	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

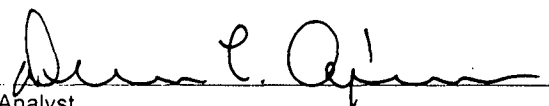
ND - Parameter not detected at the stated detection limit.

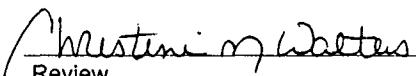
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	99%
	1,4-difluorobenzene	98%
	4-bromochlorobenzene	98%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

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

Comments: QA/QC for sample 26383.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
QUALITY ASSURANCE REPORT

Client: QA/QC
Sample ID: Matrix Duplicate
Laboratory Number: 26383
Sample Matrix: TCLP Extract
Analysis Requested: TCLP
Condition: N/A

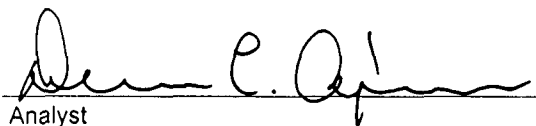
Project #: N/A
Date Reported: 08-25-03
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08-25-03
Date Extracted: 08-22-03

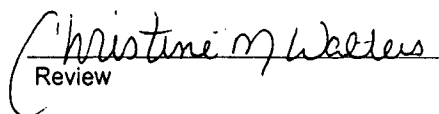
Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0001	0.0%
1,1-Dichloroethene	ND	ND	0.0001	0.0%
2-Butanone (MEK)	0.0116	0.0116	0.0001	0.0%
Chloroform	ND	ND	0.0001	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	0.0077	0.0077	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	ND	ND	0.0005	0.0%
Chlorobenzene	ND	ND	0.0003	0.0%
1,4-Dichlorobenzene	ND	ND	0.0002	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 26383.


Analyst


Review

Client: QA/QC
Sample ID: Matrix Spike
Laboratory Number: 26383
Sample Matrix: TCLP Extract
Analysis Requested: TCLP
Condition: N/A

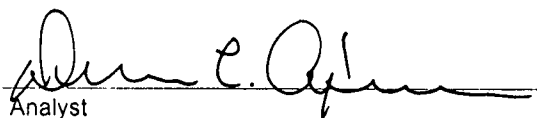
Project #: N/A
Date Reported: 08-25-03
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08-25-03
Date Extracted: 08-22-03

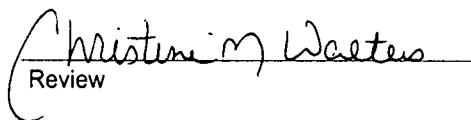
Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.050	0.0495	0.0001	99.0%	28-163
1,1-Dichloroethene	ND	0.050	0.0494	0.0001	98.8%	43-143
2-Butanone (MEK)	0.0116	0.050	0.0614	0.0001	99.7%	47-132
Chloroform	ND	0.050	0.0500	0.0001	100.0%	49-133
Carbon Tetrachloride	ND	0.050	0.0495	0.0001	99.0%	43-143
Benzene	0.0077	0.050	0.0575	0.0001	99.7%	39-150
1,2-Dichloroethane	ND	0.050	0.0490	0.0001	98.0%	51-147
Trichloroethene	ND	0.050	0.0495	0.0003	99.0%	35-146
Tetrachloroethene	ND	0.050	0.0495	0.0005	99.0%	26-162
Chlorobenzene	ND	0.050	0.0495	0.0003	99.0%	38-150
1,4-Dichlorobenzene	ND	0.050	0.0495	0.0002	99.0%	42-143

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for sample 26383.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	08-25-03
Laboratory Number:	08-25-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-25-03
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results		Detection	Regulatory
Parameter	Concentration (mg/L)	Limit (mg/L)	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	98 %
	2,4,6-tribromophenol	99 %

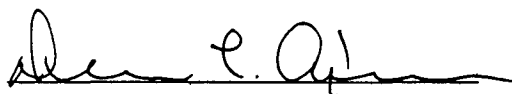
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

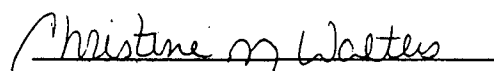
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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: QA/QC for sample 26383.


Analyst


Review

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-25-03
Laboratory Number:	08-22-TCA	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-22-03
Condition:	Cool & Intact	Date Analyzed:	08-25-03
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. 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	99%

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

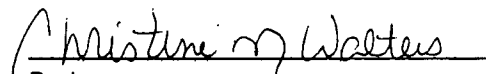
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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: QA/QC for sample 26383.


Analyst


Review

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	08-25-03
Laboratory Number:	26383	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	08-22-03
Condition:	Cool & Intact	Date Analyzed:	08-25-03
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

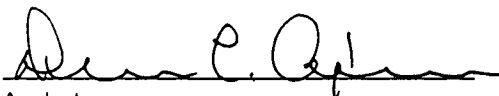
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

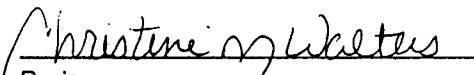
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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: QA/QC for sample 26383.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
Quality Assurance Report

Client: QA/QC
Sample ID: Laboratory Blank
Laboratory Number: 08-25-TBN
Sample Matrix: Hexane
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 08-25-03
Date Sampled: N/A
Date Received: N/A
Date Extracted: N/A
Date Analyzed: 08-25-03
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. 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

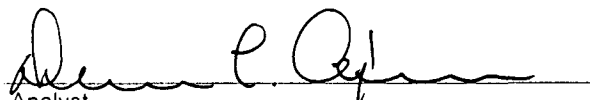
ND - Parameter not detected at the stated detection limit.

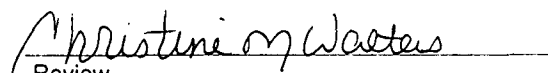
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	100%

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 8090, 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: QA/QC for sample 26383.


Analyst


Review

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QUALITY ASSURANCE REPORT

Client: QA/QC
Sample ID: Method Blank
Laboratory Number: 08-22-TBN
Sample Matrix: TCLP Extract
Preservative: Cool
Condition: Cool and Intact

Project #: N/A
Date Reported: 08-25-03
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-22-03
Date Analyzed: 08-25-03
Analysis Requested: TCLP

Parameter	Concentration (mg/L)	Det. 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.

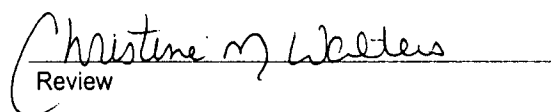
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	96%

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 8090, 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: QA/QC for sample 26383.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8090
Nitroaromatics and Cyclic Ketones
TCLP Base/Neutral Organics
QA/QC Matrix Duplicate Report

Client: QA/QC
Sample ID: Matrix Duplicate
Laboratory Number: 26383
Sample Matrix: TCLP Extract
Preservative: N/A
Condition: N/A

Project #: N/A
Date Reported: 08-25-03
Date Sampled: N/A
Date Received: N/A
Date Extracted: 08-22-03
Date Analyzed: 08-25-03
Analysis Requested: TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

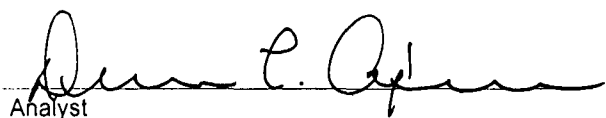
ND - Parameter not detected at the stated detection limit.

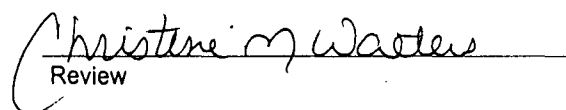
QA/QC Acceptance Criteria	Parameter	Maximum Difference
	8090 Compounds	30%

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 8090, 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: QA/QC for sample 26383.


Analyst


Review

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	08-26-TCM QA/QC	Date Reported:	08-26-03
Laboratory Number:	26383	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	08-26-03
Condition:	N/A	Date Extracted:	08-22-03

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Barium	ND	ND	0.001	0.102	0.100	2.0%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.045	0.045	0.0%	0% - 30%
Lead	ND	ND	0.001	0.026	0.026	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	ND	0.498	99.6%	80% - 120%
Barium	0.500	0.102	0.601	99.8%	80% - 120%
Cadmium	0.500	ND	0.499	99.8%	80% - 120%
Chromium	0.500	0.045	0.544	99.8%	80% - 120%
Lead	0.500	0.026	0.525	99.8%	80% - 120%
Mercury	0.050	ND	0.050	100.0%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

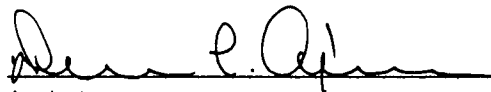
ND - Parameter not detected at the stated detection limit.

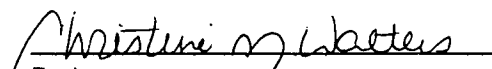
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

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.

Comments: QA/QC for sample 26383.


Analyst


Review

HIGH DESERT SAFETY

301 South Frontier
Bloomfield, NM 87413
Phone – (505) 632-3633 Cell – (505) 330-0614
Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 9-5-03-01

Owner: BP

Location: Cahn Evaporation Pond

Date: September 5, 2003

Meter Model: Wm B Johnson & Assoc Inc – GSM-110 – Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc – GP-200 – Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

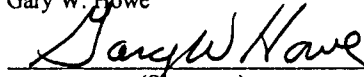
Equipment information:

Evaporative Residue

Comments:

4 Point Composite

Survey Conducted by: Gary W. Howe


(Signature)

CAHN EVAPORATION POND

DOCUMENTATION OF STEEL PIT CLOSURE

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

LOCATION NO: _____

COCR NO: 11563**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: CAHN EVAP. POND WELL #: _____ TYPE: TANK DRAINQUAD/UNIT: E SEC: 33 TWP: 32N RNG: 10W PM: NM CNTY: SJ ST: NMDATE STARTED: 11-12-03DATE FINISHED: 11-12-03

QTR/FOOTAGE: _____

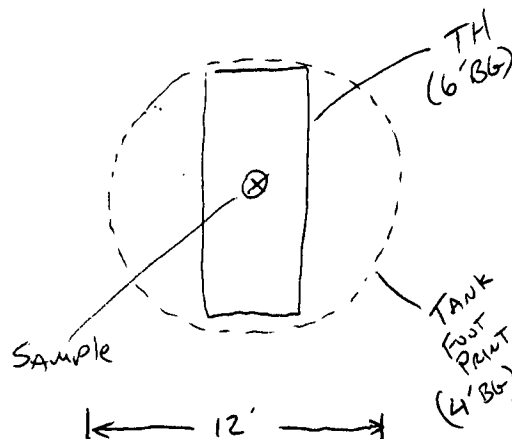
CONTRACTOR: P+SENVIRONMENTAL
SPECIALIST: JCBEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: PERMIT: NM-02-007 FORMATION: NA**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY SEE NOTES FT. FROM WELLHEAD.DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**OVM CALIB. READ. = 53.3 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1005 am/pm DATE: 11-12-03SOIL TYPE: SAND / SILTY SAND / SILT / (SILTY CLAY) / CLAY / GRAVEL / OTHER _____SOIL COLOR: ORANGE TAN w/ WHITE SPECSCOHESION (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 / HARDMOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION - _____HC ODOR DETECTED: YES / (NO) EXPLANATION - _____SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. _____ADDITIONAL COMMENTS: 95 BGL Street Pit, @ CAHN WASTE MANAGEMENT FACILITY.
REMOVE TANK + DIG TEST TRENCH w/ BACKHOE. NO EVIDENCE
OF CONTAMINATION. LOCATION: 36° 56' 46.9" N x 107° 53' 24.25" W**SCALE**

0 FT

↑
N**PIT PERIMETER****FIELD 418.1 CALCULATIONS**

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

**OVM
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6"	0.0
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
CC6	TPH	0955

PIT PROFILEP.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM**TRAVEL NOTES:**CALLOUT: 11/12/03ONSITE: 11/12/03

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

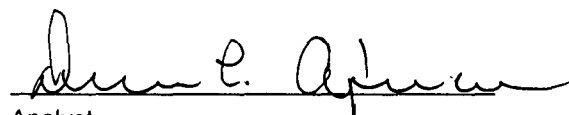
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Tank Drain C @ 6'	Date Reported:	11-13-03
Laboratory Number:	27168	Date Sampled:	11-12-03
Chain of Custody No:	11563	Date Received:	11-12-03
Sample Matrix:	Soil	Date Extracted:	11-13-03
Preservative:	Cool	Date Analyzed:	11-13-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

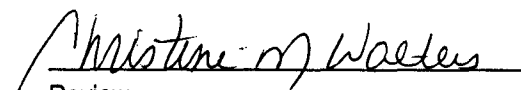
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Cahn Evap. Pond.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	11-13-TPH QA/QC	Date Reported:	11-13-03
Laboratory Number:	27166	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	11-13-03
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	04-29-03	1.8591E-002	1.8572E-002	0.10%	0 - 15%
Diesel Range C10 - C28	04-29-03	1.5507E-002	1.5492E-002	0.10%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

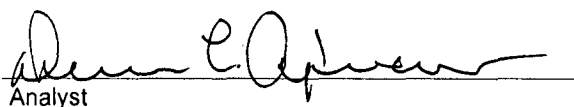
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	70.2	70.0	0.3%	0 - 30%
Diesel Range C10 - C28	95.3	95.0	0.3%	0 - 30%

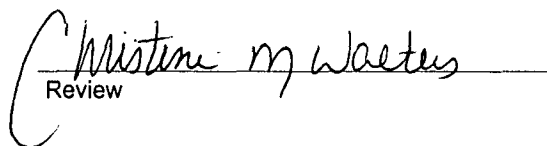
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	70.2	250	320	99.8%	75 - 125%
Diesel Range C10 - C28	95.3	250	345	99.8%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for samples 27166, 27268 - 27172.


Analyst


Review

1563

ENVIROTECH INC.

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

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

RECEIVED

MAR 01 2004

Environmental Bureau
Oil Conservation Division

February 25, 2004

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Ms. Kieling:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting this annual report for the Schneider Waste Management Facility, Permit NM-02-0002. This report is for 2003 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values in excess of 9.0. A minimum freeboard of 1.0 feet was measured on June 4, 2003 but by June 11, 2003 this had receded to 1.6 feet. A maximum freeboard was measured at 3.05 feet on January 3, 2003. Water transfer to the Cahn Evaporation Pond (Permit NM-02-0007) was conducted intermittently throughout the year via a gravity feed pipeline to reduce water levels in the Schneider pond.

The pond aeration system was in intermittent operation from January - June and in continuous operation from June - December. This system is designed to introduce oxygen to the pond water to minimize the possibility of hydrogen sulfide gas generation.

A water cascade system was installed on the west side of the pond in October, 2003 to accelerate water evaporation. This system was in continuous operation from October 7 - December 1, 2003 and then shut down during the freezing period.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2003 calendar year and no treatment zone monitoring was required or performed.

my
3-2-04

Evaporation Pond Sludge Thickness

Sludge thickness was measured in the pond on December 30, 2003 at 18 separate locations. The maximum thickness was measured at 6-inches at the northwest corner of the pond and the average thickness for all points was 2.2-inches. The facility permit does not require sludge removal until the average thickness exceeds 12-inches.

Leak Detection System Monitoring

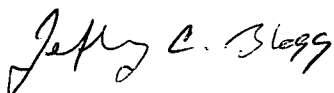
No significant leaks into or from the leak detection system were observed during the 2003 calendar year. Fluid accumulation was observed in the two (2) inter-liner sump traps, and these traps were pumped periodically to minimize buildup.

Year 2004 Planned Operations

Preliminary plans for a facility shut-down, pond cleanout and liner inspection are anticipated during the 2004 calendar year. Any liner repairs and/or relining will be evaluated during this inspection. Replacement of the present steel/concrete sumps with PVC plastic sumps have been scheduled. The southeast sump has been replaced at the time of this report, and the northeast sump is anticipated to be replaced in March, 2004.

Questions or comments concerning the this transmittal may be directed to myself at (505)632-1199 or to Brittany Benko with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.

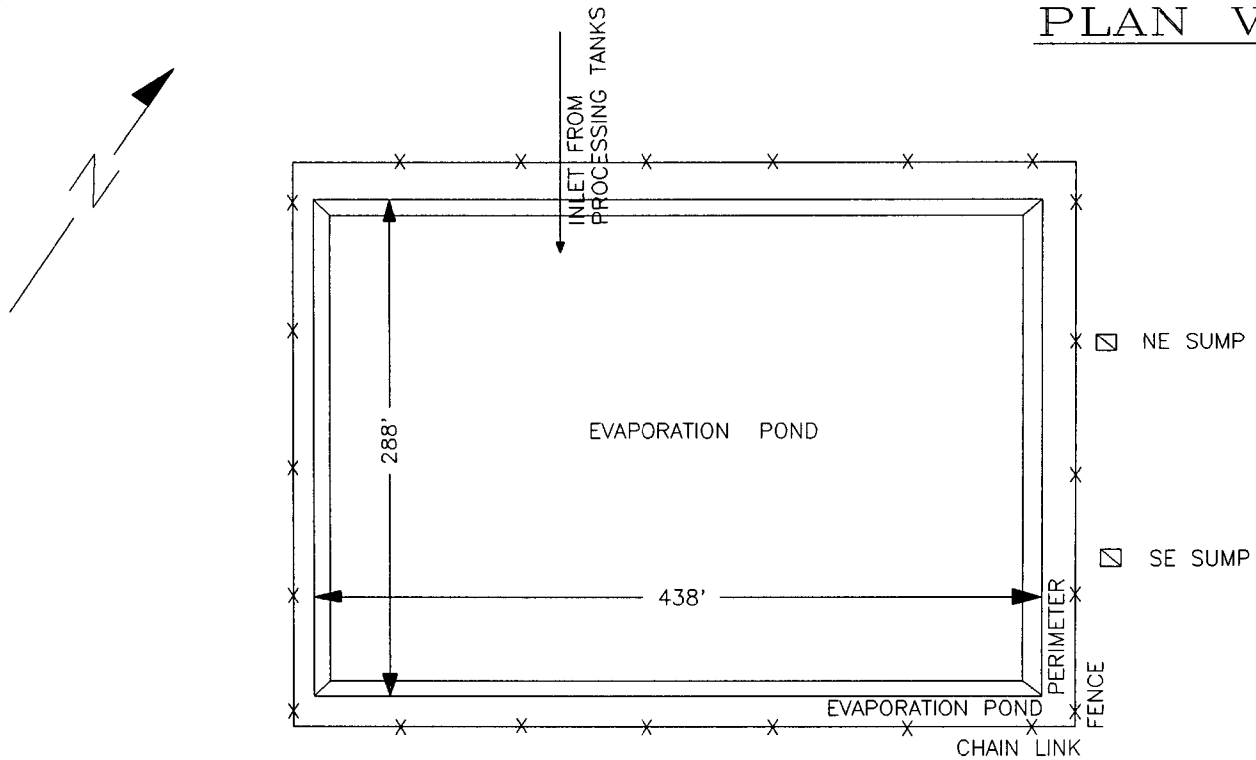


Jeffrey C. Blagg, P.E.
President

Attachments: Monitoring Spread Sheets

cc: Denny Foust, NMOCD Aztec District Office
Brittany Benko, BP SJ Operations Center
George Joseph, BP SJ Operations Center

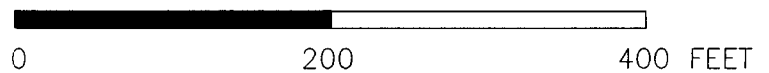
PLAN VIEW



SIDE VIEW



LEGEND



BP AMERICA PRODUCTION CO.
SCHNEIDER WASTE MGMT. FAC.
SAN JUAN CO., NEW MEXICO
PERMIT NM-02-0002

DECEMBER 2003

BLAGG ENGINEERING, INC.
CONSULTING ENGINEERING SERVICES

P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

EVAP. POND
SCHEMATIC

FIGURE 3

DRWN BY:
JCB

SNEID4

PROJ MGR:
JCB

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	PH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/03/03	1-3	FROM EAST	ND	0.0	1.14	3.8	9.4	3.05	Y	CAL INST @ SCHNEIDER H2O XFER FROM SCH
01/10/03	5-8	225	ND	0.0	0.04	5.0	9.5	1.50	Y	INSTRS CAL "NOTES ON CAHN SHEET H2O XFER TO CAHN SUMPS PUMPED 0109003
01/17/03	4-8	70	ND	0.0	0.51	1.7	9.9	1.40	Y	H2O XFER TO CAHN INST CAL "NOTES ON CAHN SHEET
01/21/03	4-8	170	ND	0.0	0.47	3.8	9.8	1.30	Y	CAL NOTES @ CAHN H2O XFER T O CAHN
01/28/03	9-15	260	ND	0.0	0.14	8.2	9.9	1.30	Y	H2O XFER TO CAHN W/PUMP INST CAL "NOTES ON CAHN SHEET
02/06/03	10-15	250	ND	0.0	0.18	2.4	9.4	1.80	Y	CAL "NOTES ON CAHN SHEET, ICE ON 60% OF SURFACE
02/11/03	3-8	25	ND	0.0	0.14	0.6	9.2	1.80	Y	CAL INSTS To Standards, H2O XFER TO CAHN TERM. ON 020703
02/20/03	4-9	15	ND	0.0	0.04	3.3	9.1	1.50	Y	CAL INST To Standards.
02/26/03	0-2	100	ND	0.0	0.09	2.2	9.4	1.30	Y	INSTS CAL NOTES ON CAHN SHEET
03/06/03	2-6	195	ND	0.0	0.12	6.1	9.4	1.10	Y	INSTS CAL NOTES ON CAHN SHEET
03/10/03	4-8	290	ND	0.0	0.26	13.3	9.2	1.20	Y	CAL INSTS @ CAHN H2O XFER TO CAHN
03/17/03	6-12	250	ND	0.0	0.1	8.6	9.6	1.20	Y	CAL INSTS @ CAHN H2O XFER TO CAHN
03/31/03	1-4	150	ND	0.0	0.97	10.4	9.4	1.10	Y	CAL INSTS @ CAHN
04/04/03	8-15	WEST	ND	0.0	1.46	13.8	9.4	1.10	Y	INSTS CAL NOTES @ CAHN
04/09/03	10-15	20	ND	0.0	2.05	7.0	9.4	1.10	Y	CAL INST to Standards, PUMP NE SUMP. VOL = 60 BBL
04/15/03	15-25	280	ND	0.0	1.64	6.2	9.4	1.10	Y	INSTS CAL NOTES @ CAHN
04/24/03	10-18	285	ND	0.0	0.55	15.6	9.4	1.15	Y	INSTS CAL NOTES @ CAHN
05/01/03	0-6	180	ND	0.0	2.5	13.5	9.4	1.15	Y	INSTS CAL NOTES ON CAHN
05/09/03	10-18	190	ND	0.0	0.81	13.1	9.1	1.10	Y	INSTS CAL NOTES @ CAHN
05/13/03	5-12	260	ND	0.0	0.52	14.8	9.4	1.15	Y	INSTS CAL NOTES @ CAHN
05/20/03	12-20	130	ND	0.0	0.51	15.2	9.3	1.15	Y	CAL NOTES @ CAHN
05/28/03	5-10	210	ND	0.0	0.51	20.1	9.3	1.10	Y	INSTS CAL NOTES ON CAHN SHEET
06/04/03	8-14	DUESOUTH	ND	0.0	0.5	20.5	9.2	1.00	Y	INSTS CAL NOTES ON CAHN SHEET
06/11/03	3-9	175	ND	0.0	0.23	24.0	9.5	1.60	Y	INSTS CAL NOTES ON CAHN SHEET AIR SPARGE ON
06/19/03	3-5	0	ND	0.0	0.28	17.8	9.3	1.60	Y	CAL INST to Standards, AIR INJ ON
06/26/03	0-7	105	ND	0.0	0.63	23.4	9.4	2.00	Y	CAL INST to Standards, AIR INJ ON
07/02/03	4-6	20	ND	0.0	0.52	19.5	9.4	2.00	Y	INSTS CAL NOTES ON CAHN SHEET AIR SPARGE ON

BP - America Production Company Schneider Waste Management Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celsius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/09/03	2-7	200	ND	0.0	0.13	20.0	9.3	2.10	Y	'INSTS CAL NOTES @ CAHN AIR INJ ON
07/18/03	2-4	170	ND	0.0	0.36	32.3	9.3	2.00	Y	'CAL INST TO STANDARDS, AIR INJ OFF. PUMP SUMPS TODAY
07/25/03	4-6	180	ND	0.0	0.13	22.2	9.3	2.20	Y	'INSTS CAL NOTES @ CAHN
07/31/03	2-7	160	ND	0.0	3.82	29.5	9.3	2.10	Y	'H2O XFER FROM CAHN AIR INJ ON CAL INSTRUMENTS TO STANDARDS.
08/06/03	3-6	100	ND	0.0	0.06	28.3	9.4	2.10	Y	'INSTS CAL NOTES @ CAHN AIR INJ ON
08/15/03	0-4	110	ND	0.0	1.42	20.4	9.5	2.00	Y	Cal Instruments to Standards.
08/18/03	3-10	15	ND	0.0	1.79	18.0	9.5	1.95	Y	Cal Instruments to Standards.
08/26/03	2-5	25	ND	0.0	1.57	19.8	9.5	1.95	Y	Cal Instruments to Standards. Air Injection On.
09/02/03	0-4	170	ND	0.0	0.18	22.4	9.4	2.00	Y	Cal Instruments to Standards.
09/11/03	0-5	135	ND	0.0	0.35	16.3	9.4	1.80	Y	'INSTS CAL NOTES @ CAHN AIR INJ ON
09/16/03	2-7	170	ND	0.0	1.79	18.0	9.4	1.70	Y	Cal Instruments to Standards, Air Injection On.
09/25/03	4-8	250	ND	0.0	5.33	19.3	9.4	1.60	Y	Cal Instruments to Standards.
10/02/03	8-15	25	ND	0.0	4.58	15.5	9.4	1.60	Y	Cal Instruments to Standards, Air Injection On.
10/07/03	5-9	NORTH	ND	0.0	2.13	13.7	9.4	1.50	Y	'CAL Insts to Standards, AIR INJ ON. H2O CASCADE ON
10/14/03	0-2	15	ND	0.0	2.11	11.8	9.4	1.60	Y	'CAL Insts to Standards, AIR INJ ON. H2O CASCADE ON
10/24/03	0-4	20	ND	0.0	0.54	11.0	9.4	1.60	Y	'CAL Insts to Standards, AIR INJ OFF. H2O CASCADE ON
10/31/03	5-10	35	ND	0.0	3.20	8.0	9.4	1.55	Y	CAL INSTRS TO STANDARDS H2O CASCADE ON AIR INJ ON
11/06/03	8-12	35	ND	0.0	8.70	5.3	9.6	1.50	Y	AIR INJ ON H2O CASCADE ON OXYGENATOR ADDED ON 10/31/03
11/13/03	3-6	100	ND	0.0	1.98	6.6	9.6	1.50	Y	H2O XFER TO CAHN. CAL INSTRS @ CAHN AIR INJ ON H2O CASCADE ON
11/19/03	1-3	90	ND	0.0	1.10	3.6	9.7	1.85	Y	CAL NOTES A CAHN H2O XFER TO CAHN H2O CASCADE ON AIR INJ ON
11/24/03	2-4	270	ND	0.0	NA*	9.1	9.7	2.00	Y	CAL NOTES @ CAHN AIR INJ ON H2O CASCADE ON * DO METER DOWN
12/03/03	0-5	25	ND	0.0	1.40	1.8	9.7	2.00	Y	CAL INSTRS @ CAHN H2O XFER TO CAHN AIR INJ ON H2O CASCADE OFF
12/11/03	2-5	100	ND	0.0	6.60	0.7	9.6	2.00	Y	AIR INJ ON H2O CASCADE OFF CAL NOTES @ CAHN
12/17/03	0-1	180	ND	0.0	8.20	0.1	9.5	2.00	Y	CAL INSTRS TO STANDARDS AIR INJ ON H2O CASCADE OFF H2O XFER OFF
12/23/03	3-7	0	ND	0.0	0.40	0.8	9.6	2.00	Y	CAL INSTRS @ CAHN AIR INJ ON H2O CASCADE OFF PUMP SUMPS TODAY
12/30/03	5-10	55	ND	0.0	1.20	-0.8	9.6	2.00	Y	CAL INST TO STANDARDS AIR INJ ON H2O CASCADE OFF. Measure Sludge Thickness

BP - America Production Company
Schneider Waste Management Facility
Leak Detection - Monthly Insepection Field Data Summary
SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 8, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP				SE SUMP			
	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH	DISSOLVED SULFIDE	DISSOLVED OXYGEN	TEMP.	pH
	ppm	ppm	celcius		ppm	ppm	celcius	
01/03/03	0.0	0.11	5.7	9.5	0.0	0.03	6.8	9.5
01/10/03	0.0	0.09	7.2	8.9	0.0	0.01	8.3	9.3
02/11/03	0.0	0.09	5.0	9.0	0.0	0.03	8.1	9.4
03/10/03	0.0	0.03	7.0	9.0	0.0	0.01	6.5	9.1
04/04/03	0.0	0.89	6.8	9.2	0.0	0.06	6.0	9.4
04/24/03	0.0	0.42	11.0	9.6	0.0	0.10	9.8	9.5
05/01/03	0.0	1.40	10.1	9.2	0.0	0.63	9.3	9.4
06/11/03	0.0	0.67	21.0	9.3	0.0	3.52	18.0	9.0
07/09/03	0.0	0.09	20.8	9.1	0.0	0.09	19.5	9.2
08/06/03	0.0	0.12	21.2	9.5	0.0	0.09	20.8	9.4
09/11/03	0.0	1.20	18.9	9.5	0.0	5.52	18.9	9.4
10/02/03	0.0	3.00	18.6	9.5	0.0	0.95	19.0	9.5
11/06/03	0.0	5.70	12.6	9.4	0.0	1.40	13.4	9.4
12/03/03	0.0	0.50	9.0	9.5	0.0	0.40	8.0	9.3

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

February 7, 2003

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RECEIVED

FEB 12 2003
Environmental Bureau
Oil Conservation Division

Re: Annual Report: Permit NM-02-0002
BP Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Ms. Kieling:

On behalf of BP America Production Co., Blagg Engineering, Inc. (BEI) is submitting the annual report for the Schneider Waste Management Facility pursuant to Permit NM-02-0002. This report is for 2002 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Tested pH levels were stable at values in excess of 9.0. A minimum freeboard of 1.6 feet was measured during the months of March, April and December. A maximum freeboard was measured at 3.5 feet in August and September.

An aeration system was in continuous operation at the facility from January to October, 2002. This system was shut down on October 24, 2002 to monitor potential hydrogen sulfide gas generation. No such gases were detected and the aeration system remained out of service for the remainder of the year.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2002 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

Sludge thickness was measured in the pond on August 23, 2002. The average sludge thickness was

MJK
2/12/03

measured at 3-inches and the maximum thickness was recorded at 6-inches in the area of the primary pond inlet. The facility permit does not require sludge removal until the average thickness exceeds 12-inches.

Leak Detection System Monitoring

No significant leaks into or from the leak detection system were observed during the 2002 calendar year. Minimal fluid accumulation was observed in the two (2) inter-liner sump traps and there was no continual fluid flow into the traps.

Questions or comments concerning the this transmittal may be directed to myself at (505)632-1199 or to Brittany Benko with BP at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.



Jeffrey C. Blagg, P.E.,
President

Attachments: Monitoring Spread Sheets

cc: Denny Foust, NMOCD Aztec District Office
Brittany Benko, BP San Juan Operations Center

BP / AMOCO

Schneider Waste Mgmt. Facility

Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 2, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/08/02	CALM	NA	ND	0.0	0.51	2.2	9.5	2.10	Y	CAL PH 7.7, 10-10 CAL DO TO ATMOS (82%) H2O XFER FROM ECH TO CAHN AIR INJ ON
01/14/02	4-10	25	ND	0.0	2.31	2.8	9.4	2.05	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
01/22/02	4-10	10	ND	0.0	0.9	2.2	9.4	2.00	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
01/28/01	5-10	15	ND	0.0	1.14	2.1	9.5	1.95	Y	CAL INST @ CAHN TERM H2O XFER TO CAHN AIR INJ ON
02/04/02	0-2	75	ND	0.0	0.09	1.1	9.5	1.90	Y	CAL INST @ CAHN RESTART H2O XFER TO CAHN ICE COVERING 100% AIR INJ ON
02/15/02	0-4	90	ND	0.0	1.68	2.8	9.4	1.80	Y	CAL PH 7-7, 10-10 CAL DO TO ATMOS (82%) H2S FAC CAL AIR INJ ON
02/20/02	8-12	300	ND	0.0	0.55	6.5	9.6	1.60	Y	CAL INST PH 7.7 (10-10 DO TO ATMOS (82%) H2S TO STANDARD 10PPM H2O XFER TO CAHN AIR INJ ON
02/26/02	5-13	245	ND	0.0	1.61	7.6	9.5	1.70	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
03/05/02	5-10	240	ND	0.0	1.46	7.9	9.6	1.70	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
03/16/02	2-4	85	ND	0.0	0.62	8.4	9.7	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
03/19/02	3-9	200	ND	0.0	1.41	8.7	9.6	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
03/28/02	6-11	200	ND	0.0	1.06	8.9	9.5	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
04/02/02	7-13	185	ND	0.0	1.97	14.1	9.6	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
04/13/02	6-9	250	ND	0.0	0.64	19.2	9.6	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
04/17/02	12-22	180	ND	0.0	1.31	18.0	9.6	1.60	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
04/26/02	4-6	210	ND	0.0	1.11	21.0	9.5	1.80	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
05/02/02	CALM	NA	ND	0.0	1.63	12.5	9.4	1.90	Y	INST CAL ON CAHN SHEET AIR INJ ON TERM H2O XFER TO CAHN FOR VACUUM LINE REPAIR
05/06/02	3-8	170	ND	0.0	0.65	19.0	9.3	1.95	Y	CAL INST @ CAHN RESUME H2O XFER TO CAHN AIR INJ ON
05/13/02	1-6	220	ND	0.0	1.21	22.0	9.2	2.00	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
05/23/02	5-13	180	ND	0.0	0.61	23.0	9.3	2.20	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
05/29/02	0-4	300	ND	0.0	NA	23.0	9.5	2.30	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
06/04/02	4-9	200	ND	0.0	3.60	23.7	9.3	2.50	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
06/14/02	5-8	275	ND	0.0	1.01	25.9	9.4	2.80	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
06/18/02	0-2	170	ND	0.0	0.62	25.1	9.4	2.80	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
06/25/02	0-2	120	ND	0.0	1.00	16.1	9.3	3.00	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
07/03/02	0-1	275	ND	0.0	0.31	27.0	9.4	3.10	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON

BP / AMOCO

Schneider Waste Mgmt. Facility

Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 2, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/11/02	5-9	190	ND	0.0	0.61	27.5	9.4	3.10	Y	CAL INST @ CAHN H2O XFER TO CAHN AIR INJ ON
07/19/02	4-6	90	ND	0.0	0.31	26.2	9.4	3.20	Y	H2O XFER TO CAHN AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
07/23/02	2-4	130	ND	0.0	0.19	25.1	9.3	3.20	Y	TERM H2O XFER AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
08/01/02	0-2	10	ND	0.0	0.20	26.1	9.2	3.30	Y	AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
08/08/02	1-3	60	ND	0.0	0.06	19.1	9.2	3.30	Y	AIR INJ ON CAL INST @ OFFICE
08/15/02	2-5	195	ND	0.0	0.31	19.0	9.3	3.30	Y	AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
08/23/02	2-7	180	ND	0.0	NA	20.2	9.3	3.50	Y	AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
08/30/02	5-12	170	ND	0.0	0.08	19.7	9.4	3.50	Y	CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
09/03/02	8-12	NORTH	ND	0.0	NA	22.0	9.1	3.50	Y	CAL INST @ CAHN AIR INJ ON H2O TOO SHALLOW FOR DO
09/12/02	2-4	280	ND	0.0	NA	19.7	9.3	3.30	Y	CAL INST @ CAHN AIR INJ ON H2O TOO SHALLOW FOR DO
09/21/02	10-15	275	ND	0.0	NA	20.3	9.3	3.10	Y	CAL INSTR @ CAHN AIR INJ ON
09/27/02	5-10	275	ND	0.0	NA	19.2	9.2	3.20	Y	CAL INSTR @ CAHN AIR INJ ON
10/04/02	CALM	NA	ND	0.0	0.03	12.3	9.4	3.10	Y	CAL INSTR @ CAHN AIR INJ ON
10/12/02	2-6	20	ND	0.0	0.21	13.6	9.2	3.10	Y	CAL INSTR @ CAHN AIR INJ ON
10/17/02	8-11	180	ND	0.0	0.16	13.0	9.5	3.10	Y	CAL INSTR @ CAHN AIR INJ ON
10/24/02	7-13	NORTH	ND	0.0	0.04	14.1	9.6	3.00	Y	CAL INSTR @ CAHN AIR INJ ON
10/28/02	5-15	200	ND	0.0	0.44	9.8	9.6	3.00	Y	CAL INSTR @ CAHN CALDO TO ATMOS (82%) RAINING LIGHTLY
11/07/02	0-2	205	ND	0.0	0.31	6.3	9.6	2.90	Y	CAL INSTR @ CAHN CALDO TO ATMOS (82%) BEGIN H2O XFER TO CAHN
11/13/02	0-4	190	ND	0.0	0.12	5.0	9.7	2.60	Y	CAL INSTR @ CAHN
11/19/02	3-7	200	ND	0.0	0.09	3.6	9.6	2.50	Y	CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
11/26/02	4-8	190	ND	0.0	0.18	2.2	9.6	2.30	Y	CAL INST @ CAHN
12/02/02	1-2	200	ND	0.0	0.13	2.8	9.6	2.20	Y	CAL INST AT CAHN SHEET LITE RAIN
12/11/02	10-12	200	ND	0.0	0.18	1.2	9.5	2.00	Y	AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
12/19/02	10-15	270	ND	0.0	0.09	1.2	9.5	1.80	Y	AIR INJ ON CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL
12/27/02	0-1	EAST	ND	0.0	0.10	0.5	9.6	1.70	Y	CAL INST @ CAHN ICE ON 95% OF SURFACE
12/31/02	1-3	20	ND	0.00	0.08	0.5	9.7	1.60	Y	CAL pH 7-7 10-10 CAL DO TO ATMOS (82%) H2S PRECAL ICE ON 80% OF SURFACE

BP / AMOCO
Schneider Waste Mgmt. Facility
Leak Detection - Monthly Insepection Field Data Summary
SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 2, 2003 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	NE SUMP				SE SUMP			
	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH
01/14/02	0.0	0.11	5.7	9.5	0.0	0.03	6.8	9.5
02/20/01	0.0	0.01	6.1	9.4	0.0	0.00	7.3	9.5
03/19/02	0.0	0.01	5.9	9.5	0.0	0.22	6.1	9.7
04/02/02	0.0	0.01	8.7	9.6	0.0	0.18	9.3	9.7
04/26/02	0.0	0.31	13.3	9.6	0.0	0.12	14.0	9.7
05/02/02	0.0	0.54	11.2	9.3	0.0	0.21	11.5	9.2
06/25/02	0.0	0.12	16.7	9.2	0.0	0.06	17.8	9.2
08/08/02	0.0	0.14	21.6	9.0	0.0	0.08	22.9	9.1
09/03/02	0.0	0.05	21.0	9.3	0.0	0.01	20.8	9.2
10/12/02	0.0	0.11	19.3	9.1	0.0	0.04	21.7	9.2
11/13/02	0.0	0.08	10.4	9.6	0.0	0.03	11.0	9.6
12/02/02	0.0	0.10	7.4	9.7	0.0	0.05	8.5	9.6
12/31/02	0.0	0.04	4.8	9.6	0.0	0.00	5.3	9.6

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

February 18, 2002

RECEIVED
FEB 25 2002
Environmental Bureau
Oil Conservation Division

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Annual Report: Permit NM-02-0002
BP-Amoco Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM

Dear Ms. Kieling:

On behalf of BP-Amoco, Blagg Engineering, Inc. (BEI) is submitting an annual report with respect to treatment zone monitoring and leak detection inspections at the Schneider Waste Management Facility, Permit NM-02-0002. This NMOCDD permit was issued on February 1, 1999 and this annual report is for 2001 calendar year monitoring. Attached, please find spread sheets that summarize the weekly evaporation pond and monthly sump monitoring test results.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of hydrogen sulfide gas in excess of permit limits. No dissolved sulfide was detected in the evaporation pond water and pH levels were stable at values in excess of 9.0. An aeration system was in continuous operation at the facility.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2001 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

Sludge thickness was measured in the pond on June 21, 2001. The average sludge thickness was measured at 3-inches and the maximum thickness was recorded at 5-inches in the area of the primary pond inlet. The facility permit does not require sludge removal until the average thickness exceeds 12-inches.

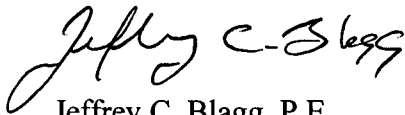
Leak Detection System Monitoring

No significant leaks into or from the leak detection system were observed during the 2001 calendar year. Minimal fluid accumulation was observed in the two (2) inter-liner sump traps and there was no continual fluid flow into the traps.

Questions or comments concerning the this transmittal may be directed to Jeff Blagg of Blagg Engineering at (505)632-1199 or to Buddy Shaw with BP-Amoco at (505)326-9219.

Respectfully submitted:

Blagg Engineering, Inc.

A handwritten signature in cursive script, reading "Jeffrey C. Blagg".

Jeffrey C. Blagg, P.E.,
President

Attachments: Monitoring Spread Sheets

cc: Denny Foust, NMOCD Aztec District Office
B.D. Shaw, BP-Amoco San Juan Operations Center

BP / AMOCO

Schneider Waste Mgmt. Facility

Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 2, 2002 (KAG)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/02/01	4-8	160	ND	0.0	1.23	1.5	9.4	1.90	Y	H2O XFER CONTINUING pH CALIBRATED
01/12/01	3-6	150	ND	0.0	0.61	2.0	9.4	1.80	Y	' H2O XFER CONTINUING
01/18/01	1-3	120	ND	0.0	0.81	1.0	9.5	1.70	Y	' H2O XFER CONTINUING CALIBRATE INST @CAHN H2O SURFACE FROZEN 1/4"
01/25/01	11-22	300	ND	0.0	2.18	4.4	9.3	1.60	Y	CALIBRATE INSTS @CAHN H2O XFER TO MUDDY TO INSPECT SUMP
01/31/01	0-2	75	ND	0.0	1.14	-1.0	9.4	1.60	Y	H2O XFER CONTINUING CALIBRATE INST TO CAHN THIN LAYER OF ICE ON W SIDE
02/06/00	0-2	270	ND	0.0	0.88	1.5	9.4	1.60	Y	CALIBRATE DO TO ATMOS pH CALIBRATED @ CAHN H2O XFER CONTINUING
02/16/01	0-3	270	ND	0.0	1.31	3.0	9.4	1.60	Y	H2O XFER TO CAHN CALIBRATE INST @ CAHN
02/26/01	5-10	N30E	ND	0.0	13.75	3.8	9.5	1.70	Y	H2O XFER TO CAHN CALIBRATE INST @CAHN HINGE BROKE ON NE SUMP
03/08/01	1	270	ND	0.0	1.5	7.2	9.5	1.65	Y	CALIBRATE INST @ CAHN H2O XFER CONTINUING
03/16/01	3-7	110	ND	0.0	1.6	8.3	9.5	1.70	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
03/21/01	4-8	190	ND	0.0	1.2	11.4	9.5	1.80	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
03/30/01	10-15	135	ND	0.0	0.9	12.6	9.72	1.75	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
04/04/01	5-8	230	ND	0.0	2.40	12.3	9.4	1.90	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
04/12/01	6-11	205	ND	0.0	1.10	12.3	9.3	1.90	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
04/19/01	6-16	240	ND	0.0	0.78	14.5	9.4	1.90	Y	CAL pH 7=7 10=10 CAL DO TO ATMOS H2O XFER AERATION ON MINOR ODOR
04/27/01	1-2	245	ND	0.0	0.94	21.7	9.5	1.95	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
05/02/01	6.11	195	ND	0.0	0.31	19.1	9.4	2.00	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
05/10/01	11-15	260	ND	0.0	2.60	15.7	9.4	1.90	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
05/16/01	2-5	230	ND	0.0	1.10	20.2	9.5	2.00	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING AIR INJ ON
05/22/01	0-3	S20W	ND	0.0	2.50	14.7	9.5	2.00	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
05/30/01	6-14	302	ND	0.0	1.00	20.9	9.4	2.10	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
06/07/01	4-6	240	ND	0.0	1.05	27.2	9.4	2.10	Y	CAL pH 7=7, 10=10 CALDO TO ATMOS AIR INJ ON
06/13/01	5-15	230	ND	0.0	1.90	19.1	9.4	2.50	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING AIR INJ ON

BP / AMOCO

Schneider Waste Mgmt. Facility

Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: JANUARY 2, 2002 (KAG)

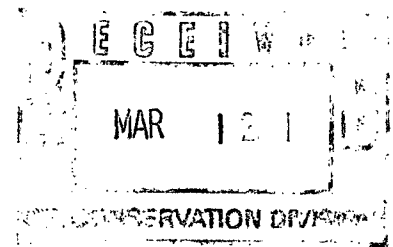
BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
06/21/01	3-6	95	ND	0.0	2.22	18.6	9.3	2.60	Y	CAL INST TO CAHN H2O XFER CONT AIR INJ ON PLS CONST HIGH PRESSURE WASHING LOWER RIDGES
06/28/01	4-6	120	ND	0.0	1.20	21.0	9.5	2.70	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
07/06/01	2-3	120	ND	0.0	0.64	23.1	9.5	2.90	Y	H2O XFER TO CAHN AIR INJECTION ON
07/10/01	1	90	ND	0.0	1.40	26.2	9.5	3.00	Y	AERATION SYSTEM ON CAL INST @CAHN H2O XFER CONTINUING
07/18/01	1-2	80	ND	0.0	1.40	24.0	9.4	3.00	Y	END H2O XFER CAL INST @CAHN AIR INJ ON
07/23/01	2-4	120	ND	0.0	0.94	25.5	9.4	3.00	Y	CAL INSTS @ CAHN H2O XFER TO CAHN AIR INJ ON
07/31/01	2-4	105	ND	0.0	0.64	22.7	9.4	3.10	Y	CAL DO & pH AIR SPARGING ON
08/06/01	1-5	100	ND	0.0	0.51	26.5	9.3	3.10	Y	CAL DO & pH AIR SPARGING ON
08/14/01	3-6	210	ND	0.0	1.04	20.4	9.4	2.90	Y	AERATION SYSTEM ON CAL PH & DO METERS VERY MUDDY FROM LAST NIGHTS RAIN
08/24/01	2-7	60	ND	0.0	1.60	20.3	9.4	2.90	Y	CAL DO & pH AIR SPARGING ON
08/30/01	3-5	170	ND	0.0	1.14	18.9	9.5	3.00	Y	CAL DO & pH AIR SPARGING ON
09/07/01	7-15	310	ND	0.0	2.40	15.8	9.5	2.90	Y	CAL DO & pH AIR SPARGING ON H2O XFER TO CAHN
09/18/01	2-4	40	ND	0.0	1.49	19.8	9.4	3.00	Y	AIR INJECTION ON H2O XFER TO CAHN CAL INST @ CAHN
09/26/01	3-8	90	ND	0.0	1.90	13.2	9.5	3.00	Y	PUMP BUMPS, H2O XFER TO CAHN AIR SPARGE ON, CAL PH 7.7, 10-10, CAL DO TO ATMOS
10/05/01	3-5	115	ND	0.0	0.44	16.0	9.5	3.00	Y	CALPH 7.7, 10-10 CALDO TO ATMOS AIR INJ ON AIR SPARGE ON H2O XFER TO CAHN
10/13/01	3-6	95	ND	0.0	1.41	10.1	9.5	3.00	Y	CAL INSTS @ CAHN H2O XFER TO CAHN AIR INJ ON
10/18/01	3-8	160	ND	0.0	1.33	16.2	9.5	3.00	Y	CALPH 7.7, 10-10 CALDO TO ATMOS AIR INJ ON END H2O XFER TO CAHN
10/24/01	14-23	230	ND	0.0	2.00	12.3	9.5	3.00	Y	CALPH 7=7, 10=10 CALDO TO ATMOS AIR INJ ON
11/02/01	5-9	15	ND	0.0	0.63	7.2	9.5	3.00	Y	AIR SPARGE ON
11/08/01	3-7	225	ND	0.0	1.55	9.4	9.5	3.00	Y	AIR SPARGE ON
11/14/01	8-12	193	ND	0.0	0.92	10.5	9.4	3.00	Y	AIR SPARGE ON
11/19/01	0-2	180	ND	0.0	1.19	13.5	9.5	2.90	Y	AIR SPARGE ON
11/26/01	2-6	80	ND	0.0	1.90	1.4	9.4	2.80	Y	AIR SPARGE ON CALIBRATE INST @CAHN
12/03/01	4-13	20	ND	0.0	1.62	3.8	9.5	2.70	Y	AIR SPARGE ON H2O XFER TO CAHN CALIBRATE INST @CAHN
12/14/01	6-11	45	ND	0.0	1.19	0.3	9.4	2.40	Y	CALIBRATE INST @ CAHN POND SURFACE 90% FROZEN
12/19/01	1	VARI	ND	0.0	NA	0.9	9.5	2.40	Y	CALIBRATE PH @ CAHN POND SURFACE 50% FROZEN END H2O XFER AIR INJ ON

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903



February 19, 2001

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: BP-Amoco Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM
Permit NM-02-0002 Annual Report

Dear Ms. Kieling:

On behalf of BP-Amoco, Blagg Engineering, Inc. (BEI) is submitting an annual report with respect to treatment zone monitoring and leak detection inspections at the subject Schneider Waste Management Facility. An NMOCD permit for this facility was issued on February 1, 1999. This annual report is for the 2000 calendar year monitoring.

General Pond Monitoring

Weekly evaporation pond monitoring has not indicated the generation of hydrogen sulfide gas in excess of permit limits at the Schneider Waste Management Facility. No dissolved sulfide was detected in the pond water and pH levels were stable at values in excess of 9.0. An aeration system was in continuous operation at the pond for the entire year.

Attached, please find a spread sheet that includes a summary of weekly evaporation pond monitoring test results.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2000 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

Sludge thickness was measured in the pond on November 21, 2000. The average sludge thickness was measured at 2-inches and the maximum thickness was recorded at 3-inches in the area of the primary pond inlet. The facility permit does not require sludge removal until the average thickness exceeds 12-inches.

Leak Detection System Monitoring

No significant leaks into or from the leak detection system were observed during the 2000 calendar year. Beginning on April 13, 2000 a series of sump pump-off tests were run to determine water inflow rates into the two pond leak detection sumps. This testing included measuring the depth to water in each sump followed by pumping the water from the sumps using a vacuum truck. The volume of water removed from the sumps was recorded. For a period of several weeks the volume of water that re-entered the sumps was measured and the inflow rate was calculated. Several pump tests were run to verify the test results. Attached is a summary of the pump-off test results.

The pump test results indicate that the southeast sump generates very little water. Initial sump pumping produced approximately 10 gallons of water and subsequent inflow rates dropped to a negligible amount 1 month after sump pumping.

The northeast sump initially generated about 1,050 gallons of water, but if the sump was pumped 2 days later the total water volume would drop to about 42 gallons. Long term water inflow into the sump would drop to less than 1 gallon per day approximately 3 weeks after sump pumping. This indicates that after a small amount of back pressure builds up in the sump system that the pond loss rate into the system is substantially reduced.

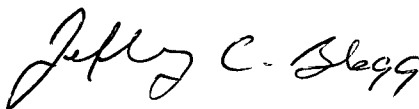
Recommendations

Based on the results of the Year 2000 Schneider Waste Management Facility monitoring, BEI recommends monthly monitoring rather than weekly monitoring at the site. Pond freeboard, dissolved sulfide and pH values change very slowly over time and monthly monitoring is believed to be sufficient for detecting the possible generation of hydrogen sulfide gas. BP-Amoco personnel not associated with monitoring are at the facility several times per week and if a site hazard is observed this will be communicated to the BP-Amoco HSE team for immediate response.

Questions or comments concerning the this transmittal may be directed to Jeff Blagg of Blagg Engineering at (505)632-1199 or to Buddy Shaw with BP-Amoco at (505)326-9219.

Respectfully submitted:

Blagg Engineering, Inc.

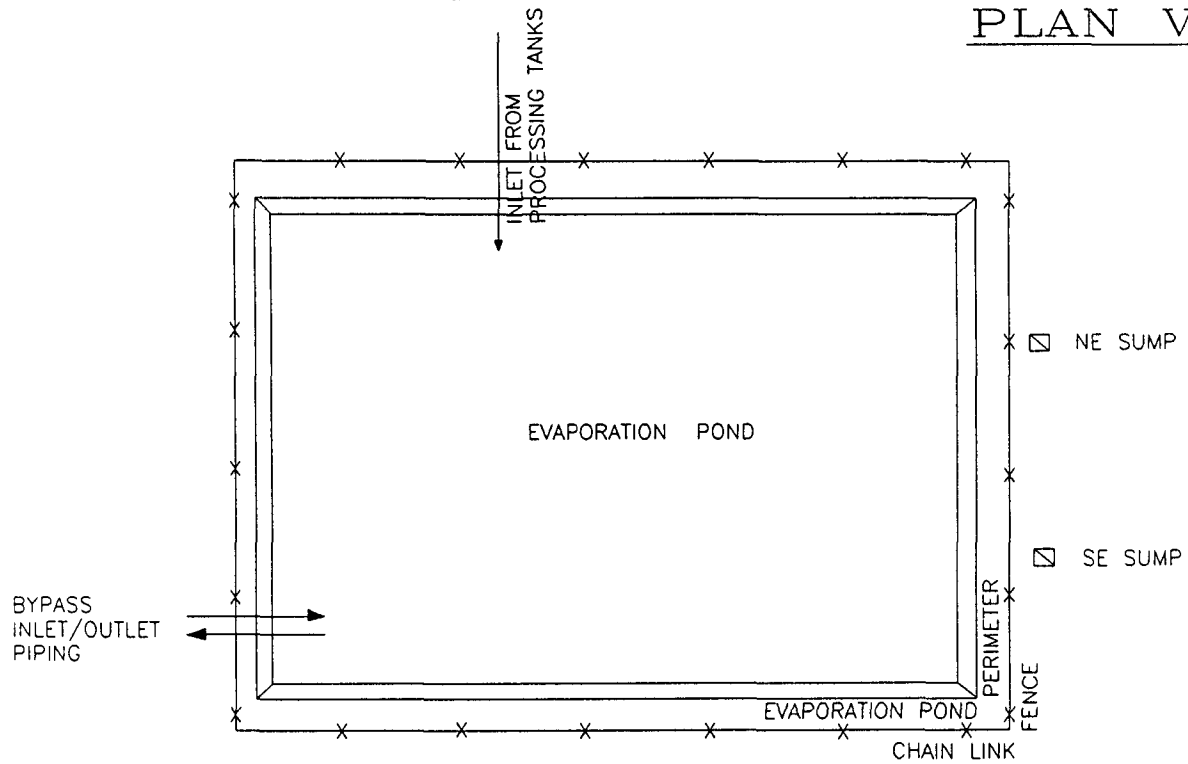


Jeffrey C. Blagg, P.E.,
President

Attachments: Site Diagram
Monitoring Spread Sheets
Sump Pumping Recovery Tests

cc: Denny Foust, NMOCD Aztec District Office
B.D. Shaw, BP-Amoco San Juan Operations Center

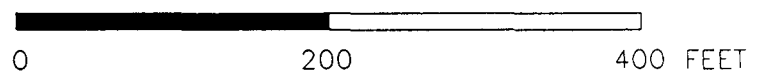
PLAN VIEW



SIDE VIEW



LEGEND



AMOCO PRODUCTION CO.
SCHNEIDER WASTE MGMT. FAC.
SAN JUAN CO., NEW MEXICO

DECEMBER 2000

BLAGG ENGINEERING, INC.
CONSULTING ENGINEERING SERVICES

P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

EVAP. POND
SCHEMATIC

FIGURE 3

DRWN BY:
JCB

SNEID4

PROJ MGR:
JCB

BP / AMOCO Schneider Waste Mgmt. Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2000 (KAT)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/05/00	<5	N 17 E	ND	0.0	0.00/0.00	0.0	9.6	2.00	Y	AERATION SYSTEM OPERATING
01/11/00	<5	-	ND	0.0	0.00/0.00	0.0	9.5	2.00	Y	
01/19/00	<5	N 55 E	ND	0.0	0.39/0.00	0.0	9.9	2.00	Y	
01/24/00	7	N 22 E	ND	0.0	0.16/0.00	7.6	9.8	1.75	Y	
01/31/00	<5	N 35 E	ND	0.0	0.92/0.43	6.4	9.6	2.00	Y	
02/09/00	<5	N 05 W	ND	0.0	0.37/0.16	9.1	9.7	1.50	Y	
02/16/00	7	N 44 E	ND	0.0	0.67/0.36	6.7	9.8	1.75	Y	
02/21/00	6	N 49 E	ND	0.0	0.63/0.25	4.6	9.9	1.75	Y	
02/28/00	11	S 42 W	ND	0.0	0.56/0.27	9.3	9.7	1.50	Y	
03/10/00	6	N 45 W	ND	0.0	0.01/0.00	7.7	9.8	2.00	Y	
03/23/00	11	230	ND	0.0	1.70	13.7	9.8	1.60	Y	
04/03/00	<5	235	0.2	0.0	0.71	14.4	9.9	1.50	Y	
04/07/00	19	300	0.4	0.0	0.88	14.8	9.9	1.50	Y	
04/12/00	<1	0	0.6	0.0	0.24	15.3	9.8	1.40	Y	
04/19/00	9-15	280	ND	0.0	0.19	15.4	9.9	1.40	Y	
04/26/00	5	295	0.2	0.0	0.09	15.8	9.8	1.40	Y	
05/05/00	9	160	ND	0.0	0.09	16.2	9.9	1.50	Y	
05/10/00	15-20	220	0.1	0.0	0.00	25.5	9.6	1.50	Y	BEGIN H2O TRANSFER TO CAHN POND
05/15/00	0-4	0	ND	0.0	0.09	25.4	9.8	2.00	Y	END H2O TRANSFER
05/22/00	12-20	210	0.2	0.0	0.08	24.6	9.8	2.00	Y	
05/30/00	2-8	35	ND	0.0	0.06	24.9	9.9	2.10	Y	

BP / AMOCO Schneider Waste Mgmt. Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

BLAGG ENGINEERING, INC.

REVISED DATE: DECEMBER 31, 2000 (KAT)

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
06/07/00	2-8	190	ND	0.0	0.08	26.4	9.9	2.20	Y	
06/22/00	<3	270	ND	0.0	0.07	30.5	9.3	2.50	Y	
06/29/00	3-6	240	ND	0.0	0.14	31.0	9.4	2.60	Y	
07/05/00	3-6	165	ND	0.0	0.00	27.0	9.3	2.80	Y	
07/14/00	<5	S 75 E	ND	0.0	0.00	24.2	9.6	2.75	Y	
07/21/00	CALM	CALM	ND	0.0	0.00	25.9	9.5	2.90	Y	BEGIN H2O TRANSFER TO CAHN POND
07/27/00	10-15	270	ND	0.0	0.00	24.2	9.5	3.10	Y	STOPPED H2O TRANSFER TO CAHN
08/03/00	5-9	S 16 W	ND	0.0	0.00	32.1	9.5	3.20	Y	
08/10/00	3-5	VARIABLE	ND	0.0	0.00	32.4	9.4	3.10	Y	
08/18/00	3-5	122	ND	0.0	0.00	31.0	9.4	3.10	Y	
08/24/00	2-7	205	ND	0.0	0.00	33.2	9.4	3.10	Y	
09/08/00	<1	260	ND	0.0	0.00	28.3	9.3	3.05	Y	
09/13/00	5-10	170	ND	0.0	0.00	28.0	9.3	3.00	Y	
09/25/00	2-4	180	ND	0.0	0.00	N/A	9.4	3.05	Y	
10/05/00	<1	210	ND	0.0	0.00	22.1	9.4	3.00	Y	
10/13/00	0-2	180	ND	0.0	0.00	20.0	9.4	2.90	Y	BEGIN H2O TRANSFER TO CAHN
10/20/00	1-4	355	ND	0.0	0.00	19.1	9.3	2.85	Y	
10/26/00	1-3	90	ND	0.0	0.00	19.3	9.4	2.70	Y	
11/03/00	4-6	117	ND	0.0	0.00	8.0	9.3	2.60	Y	
11/10/00	4-7	140	ND	0.0	2.90	3.5	9.4	2.50	Y	
11/15/00	10-18	320	ND	0.0	1.90	3.5	9.4	2.40	Y	
11/21/00	2-4	130	ND	0.0	1.50	5.0	9.2	2.40	Y	HAVE P&S MEASURE SLUDGE AVERAGE 2" THICK
11/30/00	8-15	290	ND	0.0	0.80	7.0	9.5	2.30	Y	
12/05/00	5-10	220	ND	0.0	1.78	6.0	9.2	2.20	Y	
12/21/00	2-5	180	ND	0.0	1.80	2.0	9.4	2.00	Y	
12/29/00	1-3	175	ND	0.0	1.25	1.0	9.4	1.90	Y	

BP / AMOCO
Schneider Waste Mgmt. Facility
Leak Detection - Monthly Insepection Field Data Summary
SW/4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 31, 2000 (KAT)

BLAGG ENGINEERING, INC.

[illegible]

BP-AMOCO SCHNEIDER EVAPORATION POND SUMP PUMPING X RECOVERY TESTS

Northeast Sump

<u>Date</u>	<u>Time</u>	<u>Initial DTW</u>	<u>Final DTW</u>	<u>Pump Vol</u>	<u>Comments</u>
04/13/00	840	5.8'	8.2'	25 bbl	Pump sump with SSS
04/19/00	945		6.8'		Inspection: recovery @ 5.5 gal/d
04/26/00	1210		6.3		Inspection: recovery @ 1.7 gal/d
05/05/00	1225		6.0'		Inspection: recovery @ 0.8 gal/d
05/10/00	1430	5.8'	8.1'	23 bbl	Pump sump with SSS (35.8 gal/d)
05/11/00	1115		7.2'		Inspection: recovery @ 21.1 gal/d
05/12/00	800	7.1'	9.6'	1 bbl	Pump sump with SSS (21.0 gal/d)
05/15/00	1000		7.2'		Inspection: recovery @ 18.8 gal/d
05/22/00	1530		6.6'		Inspection: recovery @ 2.0 gal/d
05/24/00	1030	6.5'	9.8'	17 bbl	Pump sump with SSS (59.5 gal/d)
05/30/00	800	6.9'	9.8'	2 bbl	Pump sump with SSS (14.0 gal/d)
06/07/00	1240		7.0'		Inspection: recovery @ 8.2 gal/d
06/22/00	1430		6.6'		Inspection: recovery @ 0.6 gal/d
06/29/00	1345		6.4'		Inspection: recovery @ 0.7 gal/d
07/05/00	1115		6.3		Inspection: recovery @ 0.4 gal/d
10/26/00	1230		5.7'		Inspection: recovery @ 0.1 gal/d

Southeast Sump

<u>Date</u>	<u>Time</u>	<u>Initial DTW</u>	<u>Final DTW</u>	<u>Pump Vol</u>	<u>Comments</u>
04/13/00	840	8.4'	9.8'	0.25 bbl	Pump sump with SSS
04/19/00	945		9.3'		Inspection: recovery @ 2.0 gal/d
04/26/00	1210		9.0'		Inspection: recovery @ 1.0 gal/d
05/05/00	1225		8.5'		Inspection: recovery @ 2.3 gal/d
05/10/00	1430	8.3'	9.8'	0.25 bbl	Pump sump with SSS (0.4 gal/d)
05/11/00	1115		9.6'		Inspection: recovery @ 4.7 gal/d
05/12/00	800		9.5'		Inspection: recovery @ 2.4 gal/d
05/15/00	1000		9.3'		Inspection: recovery @ 1.6 gal/d
05/22/00	1530		8.8'		Inspection: recovery @ 1.7 gal/d
05/24/00	1030		8.7'		Inspection: recovery @ 1.2 gal/d
05/30/00	800	8.5'	9.7'	0.5 bbl	Pump sump with SSS (1.0 gal/d)
06/07/00	1240		9.0'		Inspection: recovery @ 2.1 gal/d
06/22/00	1430		8.5'		Inspection: recovery @ 0.8 gal/d
06/29/00	1345		8.5'		Inspection: recovery @ 0.0 gal/d
07/05/00	1115		8.5'		Inspection: recovery @ 0.0 gal/d
10/26/00	1230		8.4'		Inspection: recovery @ 0.0 gal/d

STATE OF NEW MEXICO
ENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

✓ Telephone _____ Personal _____ Time 4:00 Date 3-13-00

Originating Party

Marlyne Kieling

Other Parties

Boddy Shaw

Subject Cahn - Freeethum Schnider Sumps Have
Quite a bit of water and it looks to be pond
water according to PH

Discussion Boddy will get with Jeff Blagg and Begin Pumping
Sumps to check to see if water returns. Drop water level to check for
Boddy will also be checking PH of water (Seem High) leak.

Conclusions or Agreements They will send a report on what is
done about investigating liquid.

Distribution

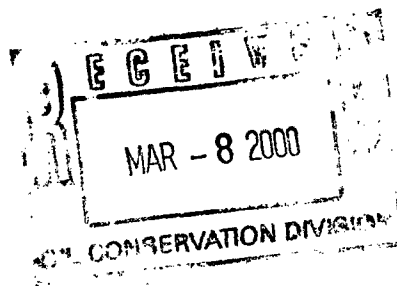
Signed

Marlyne Kieling

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903



March 7, 2000

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: BP-Amoco Schneider Waste Management Facility
SW/4 Sec. 28 - T32N - R10W, San Juan County, NM
Permit NM-02-0002 Annual Report

Dear Ms. Kieling:

On behalf of BP-Amoco, Blagg Engineering, Inc. is submitting an annual report with respect to treatment zone monitoring and leak detection inspections at the subject Schneider Waste Management Facility. An NMOCD permit for this facility was issued on February 1, 1999. This annual report is for the 1999 calendar year monitoring. Attached, please find a spread sheet that includes a summary of weekly evaporation pond monitoring test results.

Landfarm Treatment Zone Monitoring

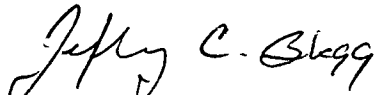
No landfarm cells were constructed during the 1999 calendar year and no treatment zone monitoring was required or performed.

Leak Detection System Monitoring

No leaks into or from the leak detection system were observed during the 1999 calendar year.

Questions or comments concerning the this transmittal may be directed to Jeff Blagg of Blagg Engineering at (505)632-1199 or to Buddy Shaw with Amoco at (505)326-9219.

Respectfully submitted:
Blagg Engineering, Inc.


Jeffrey C. Blagg, P.E.,
President

cc: Denny Foust, NMOCD Aztec District Office
B.D. Shaw, BP-Amoco San Juan Operations Center

BP / AMOCO Schneider Waste Mgmt. Facility Field Data Summary

SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 30, 1999 (REP)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
02/09/99	6	N 32 W	ND	0.0	0.08	2.6	9.7	2.00	Y	NE SUMP 2.5 FT., SE SUMP 2.5 FT.
02/16/99	6	N 32 W	ND	0.0	0.08	2.6	9.7	2.00	Y	NE SUMP 0.0 FT., SE SUMP 1.5 FT.
02/23/99	<5	N 54 W	ND	0.0	0.05	5.5	9.8	2.00	Y	SAME AS ABOVE.
03/02/99	<5	S 40 E	ND	0.0	0.03	6.6	9.6	2.00	Y	NE SUMP 0.0 FT., SE SUMP 1.75 FT.
03/09/99	<5	N 38 W	ND	0.0	0.01	5.4	10.1	2.00	Y	SAME AS ABOVE.
03/17/99	8	S 5 W	ND	0.0	0.18	9.8	10.1	2.00	Y	SAME AS ABOVE.
03/24/99	<5	N 71 E	ND	0.0	0.59	11.0	9.9	2.25	Y	SAME AS ABOVE, AERATION INITIATED 03/23/99.
03/29/99	<5	N 39 W	ND	0.0	1.74	10.9	9.7	2.25	Y	SAME AS ABOVE.
04/09/99	25	S 82 W	ND	0.0	4.25 *	9.2	9.8	2.25	Y	* DISS. OXY. METER NOT CALIBRATED
04/14/99	<5	N 30 E	ND	0.0	5.25 *	12.1	9.9	2.00	Y	* DISS. OXY. METER NOT CALIBRATED
04/23/99	<5	S 47 E	ND	0.0	5.07 *	12.6	9.8	2.00	Y	* DISS. OXY. METER NOT CALIBRATED
04/28/99	<5	N 76 E	ND	0.0	0.65	12.3	9.8	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
05/04/99	10	N 59 W	ND	0.0	0.08	11.0	9.7	2.00	Y	NE SUMP 3.0 FT., SE SUMP 0.00 FT.
05/10/99	15	S 76 W	ND	0.0	0.10	12.0	9.8	2.00	Y	NE SUMP 3.0 FT., SE SUMP 0.00 FT.
05/17/99	<5	S 40 E	ND	0.0	0.25	18.5	10.6	2.00	Y	NE SUMP 3.0 FT., SE SUMP 0.00 FT.
05/24/99	7	S 85 E	ND	0.0	0.27	16.4	11.9	2.25	Y	NE SUMP 3.75 FT., SE SUMP 1.75 FT.
06/03/99	12	S 34 W	ND	0.0	0.16	19.8	10.9	2.00	Y	NE SUMP 3.75 FT., SE SUMP 1.75 FT.
06/10/99	<5	S 35 W	ND	0.0	0.12	19.0	10.1	2.25	Y	NE SUMP 3.75 FT., SE SUMP 1.75 FT.
06/16/99	<5	S 14 W	ND	0.0	0.11	20.0	11.4	2.25	Y	NE SUMP 3.75 FT., SE SUMP 1.75 FT.
06/22/99	10	S 72 W	ND	0.0	0.02	23.3	9.8	2.25	Y	NE SUMP 3.75 FT., SE SUMP 1.75 FT.
06/29/99	<5	N 68 E	ND	0.0	0.04	18.8	9.5	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
07/06/99	<5	N 34 E	ND	0.0	0.06	22.3	9.8	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
07/14/99	<5	N 74 E	ND	0.0	0.01	20.1	9.9	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.

BP / AMOCO

Schneider Waste Mgmt. Facility

Field Data Summary

SW/4, Section 28, T32 N, R10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 30, 1999 (REP)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIRECTION bearing	H2S ppm	DISSOLVED SULFIDE ppm	DISSOLVED OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/20/99	8	N 44 E	ND	0.0	0.43 / 0.01	18.0	9.8	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
07/26/99	<5	N 33 E	ND	0.0	0.40 / 0.01	20.0	9.8	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
08/02/99	<5	N 30 E	ND	0.0	0.13 *	20.7	9.9	2.50	Y	* AERATION SYSTEM NOT IN OPERATION
08/09/99	<5	N 45 W	ND	0.0	0.24 / 0.08	19.9	9.9	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
08/16/99	<5	N 52 E	ND	0.0	0.77 / 0.36	19.6	9.9	2.00	Y	STARTED WATER TRANSFER TO CAHN
08/25/99	<5	N 21 E	ND	0.0	0.98 / 0.53	20.3	9.7	2.50	Y	NE SUMP 4.0 FT., SE SUMP 2.0 FT.
08/31/99	<5	N 54 E	ND	0.0	0.45 / 0.16	20.9	9.8	2.50	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
09/10/99	<5	N 08 E	ND	0.0	0.44 / 0.08	18.2	9.8	3.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
09/15/99	<5	N 50 E	ND	0.0	0.39 / 0.17	17.1	9.8	2.25	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
09/20/99	<5	N 23 E	ND	0.0	0.33 / 0.02	19.3	9.6	1.75	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
09/29/99	<5	S 42 E	ND	0.0	0.25 / 0.08	19.4	9.7	1.75	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
10/05/99	8	N 26 E	ND	0.0	0.32 / 0.00	18.4	9.6	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
10/14/99	<5	N 32 E	ND	0.0	0.32 / 0.16	17.6	9.8	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
10/20/99	<5	N 57 E	ND	0.0	0.27 / 0.10	18.0	9.6	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
10/27/99	<5	N 30 E	ND	0.0	0.36 / 0.17	19.3	9.6	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
11/05/99	<5	N 04 E	ND	0.0	0.22 / 0.08	17.7	9.7	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
11/10/99	<5	N 45 E	ND	0.0	0.16 / 0.09	18.1	9.7	2.00	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
11/17/99	<5	N 03 E	ND	0.0	0.16 / 0.00	12.6	9.6	2.50	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
11/24/99	7	N 20 E	ND	0.0	0.24 / 0.09	16.2	9.7	2.50	Y	NE SUMP 5.0 FT., SE SUMP 1.75 FT.
11/30/99	<5	N 28 E	ND	0.0	0.08 / 0.00	8.9	9.4	2.50	Y	NE SUMP 5.0 FT., SE SUMP 2.00 FT.
12/10/99	<5	N 74 E	ND	0.0	0.18 / 0.00	2.7	9.7	2.25	Y	NE SUMP 5.0 FT., SE SUMP 2.00 FT.
12/16/99	<5	N 28 E	ND	0.0	0.02 / 0.00	0.0	9.6	2.25	Y	NE SUMP 5.0 FT., SE SUMP 2.00 FT.
12/23/99	6	N 54 E	ND	0.0	0.00 / 0.00	0.0	9.8	2.25	Y	NE SUMP 5.0 FT., SE SUMP 2.00 FT.
12/30/99	<5	N 75 E	ND	0.0	0.00 / 0.00	3.4	10.1	2.25	Y	NE SUMP 5.0 FT., SE SUMP 2.00 FT.

BP / AMOCO
Schneider Waste Mgmt. Facility
Leak Detection - Monthly Insepection Field Data Summary
SW / 4, Section 28, T 32 N, R 10 W, N.M.P.M
San Juan County, New Mexico

REVISED DATE: DECEMBER 30, 1999 (REP)

BLAGG ENGINEERING, INC.

[illegible]

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

RECEIVED

FEB 2 1999

Environmental Bureau
Oil Conservation Division

February 24, 1999

Ms. Martyne J. Kieling
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Amoco Production Company
Schneider Waste Management Facility, SW/4 Sec. 28 - T32N - R10W
Permit NM-02-0002 Annual Report

Dear Ms. Kieling:

On behalf of Amoco Production Company, Blagg Engineering, Inc. is submitting an annual report with respect to treatment zone monitoring and leak detection inspections at the subject Schneider Waste Management Facility. An NMOCD permit for this facility was issued on February 1, 1999. Annual reporting criteria stipulated in this permit require data results be submitted to NMOCD by March 1 for the prior years monitoring. Note that since this permit was issued in February, 1999 no monitoring data is available for the 1998 calendar year. Submittal of this report for the 1998 calendar year is to satisfy the requirements of the permit.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 1998 calendar year and no treatment zone monitoring was required or performed.

Leak Detection System Monitoring

No leaks into or from the leak detection system were observed during the 1998 calendar year.

Questions or comments concerning the this transmittal may be directed to Jeff Blagg of Blagg Engineering at (505)632-1199 or to Buddy Shaw with Amoco at (505)326-9200.

Respectfully submitted:
Blagg Engineering, Inc.


Jeffrey C. Blagg, P.E.,
President

cc: Denny Foust, NMOCD Aztec District Office
B.D. Shaw, Amoco San Juan Operations Center

5-4-99
hjh