

NM2 - _____2_____

**MONITORING
REPORTS
YEAR(S):**

____2011 - 2015____

BLAGG ENGINEERING, INC.

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

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

CERTIFIED MAIL
7012 1010 0002 1168 7456

February 18, 2015

Mr. 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. Jones:

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 2014 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring inspection results.

General Pond Monitoring

During the 2014 monitoring year, weekly inspections did not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Water inflow to the evaporation facility was suspended for the entire year. For most inspections the pond was dry, or had only a trace of precipitation water at levels too low to measure parameters (pH, temperature, dissolved oxygen). Freeboard exceeded 3.4 feet for the entire year

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2014 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

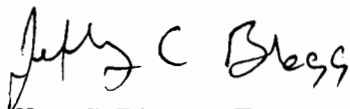
Sludge thickness was measured on July 7, 2014. On this date most of the measurement points tested at less than 1/2-inch, with an average overall thickness of 0.7 inches.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the liner system has good integrity with no leaks. The pond was lined with a new PVC liner and secondary leak detection system in 2005. This newer (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 (<0.1 gallon/day) from water trapped within the older system continues to be observed and periodically removed.

Questions or comments concerning this transmittal may be directed to myself at (505)632-1199 or to Jeff Peace 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
Jeff Peace, P.E., 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: Feb 18, 2015 (JCB)

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
01/06/14	3-5	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
01/14/14	4-6	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
01/22/14	5-8	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
01/29/14	8-12	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
02/07/14	2-4	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
02/12/14	0-2	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
02/20/14	2-4	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
02/25/14	4-6	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
03/03/14	12-15	From 235	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
03/13/14	4-8	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
03/18/14	2-4	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
03/27/14	10-15	From 235	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
04/01/14	4-6	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
04/07/14	8-12	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
04/16/14	4-6	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
04/24/14	5-10	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
04/30/14	4-8	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
05/05/14	10-15	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
05/13/14	10-20	From 225	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
05/19/14	2-4	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
05/28/14	10-15	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
06/02/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
06/11/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
06/18/14	4-6	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
06/27/14	2-4	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
07/03/14	5-10	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
07/07/14	5-10	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
07/16/14	5-8	From 0	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only

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

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07/23/14	0-2	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
07/30/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
08/04/14	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
08/15/14	2-4	2-4	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
08/21/14	4-6	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
08/27/14	1-3	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
09/04/14	6-8	From 135	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
09/08/14	12-15	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
09/17/14	4-8	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
09/25/14	3-5	From 135	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
09/29/14	8-12	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
10/03/14	6-8	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
10/10/14	1-3	From 135	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
10/17/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
10/22/14	2-4	From 0	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
10/30/14	8-12	From 270	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
11/04/14	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
11/13/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
11/18/14	4-6	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
11/24/14	5-7	From 180	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
12/02/14	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
12/09/14	4-6	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
12/15/14	2-4	From 90	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
12/22/14	3-5	From 135	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only
12/29/14	1-3	From 45	0	NA	TLTM	NA	NA	3.40	Y	Trace Precipitation Water Only

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: Feb 18, 2015 (JCB)

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
01/06/14	BELOW INLET				BELOW INLET			
02/07/14	BELOW INLET				BELOW INLET			
03/03/14	BELOW INLET				BELOW INLET			
04/01/14	BELOW INLET				BELOW INLET			
05/05/14	BELOW INLET				BELOW INLET			
06/02/14	BELOW INLET				BELOW INLET			
07/03/14	BELOW INLET				BELOW INLET			
08/04/14	BELOW INLET				BELOW INLET			
09/04/14	BELOW INLET				BELOW INLET			
10/03/14	BELOW INLET				BELOW INLET			
11/04/14	BELOW INLET				BELOW INLET			
12/02/14	BELOW INLET				BELOW INLET			

BLAGG ENGINEERING, INC.

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

RECEIVED OOD

USPS CERTIFIED 2014 FEB 27 P 3:33
7012-1010-0002-1168-7425

February 24, 2014

Mr. 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. Jones:

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 2013 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring inspection results.

General Pond Monitoring

During the 2013 monitoring year, weekly inspections did not indicated the generation of dissolved sulfide or hydrogen sulfide gas during any inspections. Water inflow to the evaporation facility was suspended for the entire year. For many inspections the pond was dry, or had only a trace of precipitation water at levels too low to measure parameters (pH, temperature, dissolved oxygen). Freeboard exceeded 3.4 feet for the entire year

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2013 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

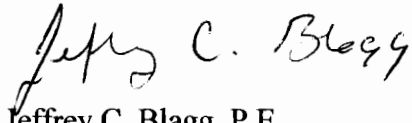
Sludge thickness was measured on November 6, 2013. On this date most of the measurement points tested at less than ½-inch, with an average overall thickness of 0.6 inches.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the liner system has good integrity with no leaks. The pond was lined with a new PVC liner and secondary leak detection system in 2005. This newer (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 (<0.1 gallon/day) from water trapped within the older system continues to be observed and periodically removed.

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Respectfully submitted:
Blagg Engineering, Inc.



Jeffrey C. Blagg, P.E.
President

Attachments: Monitoring Spread Sheets

cc: Brandon Powell, NMOCD Aztec District Office
Jeff Peace, P.E., 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: Feb 22, 2014 (JCB)

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
01/04/13	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
01/08/13	2-5	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
01/15/13	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
01/23/13	5-8	From 90	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
01/29/13	10-12	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
02/04/13	0-2	From 90	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
02/11/13	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
02/18/13	2-4	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
02/25/13	1-3	From 90	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
03/06/13	4-8	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
03/14/13	0-5	From 135	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
03/18/13	15-25	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
03/25/13	5-8	From 135	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
04/02/13	5-10	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
04/08/13	15-25	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
04/16/13	5-10	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
04/23/13	5-8	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
05/01/13	10-15	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
05/07/13	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
05/17/13	10-15	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
05/21/13	10-20	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
05/31/13	2-4	From 135	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
06/06/13	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
06/11/13	2-5	From 0	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
06/19/13	0-5	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
06/24/13	5-10	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
07/01/13	CALM	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
07/09/13	5-8	From 0	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry

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: Feb 22, 2014 (JCB)

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
07/15/13	5-8	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
07/24/13	CALM	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
08/01/13	2-4	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
08/06/13	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
08/15/13	5-10	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
08/23/13	2-4	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
08/26/13	3-5	From 0	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
09/03/13	5-8	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
09/13/13	4-8	From 135	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
09/17/13	5-10	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
09/23/13	10-18	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
10/02/13	2-4	From 135	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
10/09/13	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
10/14/13	4-8	From 0	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
10/22/13	2-4	From 0	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
10/30/13	10-15	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
11/06/13	Calm	NA	0	NA	TLTM	NA	NA	3.40	Y	Annual Sludge Thickness Measurements (Ave = 0.6 Inches)
11/14/13	2-4	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Dry
11/22/13	5-10	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
11/25/13	Calm	NA	0	0.0	TLTM	2.2	8.8	3.40	Y	Inflow Off - 2 inches Precip Water
12/04/13	2-4	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
12/13/13	5-10	From 270	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
12/17/13	5-7	From 180	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
12/23/13	3-5	From 45	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water
12/30/13	5-8	From 225	0	NA	TLTM	NA	NA	3.40	Y	Inflow Off - Trace Precip Water

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: Feb 22, 2014 (JCB)

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
01/04/13	BELOW INLET				BELOW INLET			
02/04/13	BELOW INLET				BELOW INLET			
03/06/13	BELOW INLET				BELOW INLET			
04/02/13	BELOW INLET				BELOW INLET			
05/01/13	BELOW INLET				BELOW INLET			
06/06/13	BELOW INLET				BELOW INLET			
07/01/13	BELOW INLET				BELOW INLET			
08/01/13	BELOW INLET				BELOW INLET			
09/03/13	BELOW INLET				BELOW INLET			
10/02/13	BELOW INLET				BELOW INLET			
11/06/13	BELOW INLET				BELOW INLET			
12/04/13	BELOW INLET				BELOW INLET			

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USPS CERTIFIED
7011 1570 0002 2817 3421

February 28, 2013

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General Pond Monitoring

During the 2012 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 – 9.0 units. A minimum freeboard of 2.1 feet was present between February 20 - March 22, 2012.

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. No water was transferred to the Cahn during calendar year 2012. From June 26, 2012 to the end of the year inflow was at a rate less than evaporation, and only a trace of water was present in low areas of the pond.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2012 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

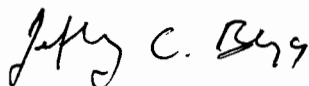
Sludge thickness was measured on October 18, 2012. On this date most of the measurement points tested at less than ¼-inch, with an average overall thickness of 0.44 inches.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the liner system has good integrity with no leaks. The pond was lined with a new PVC liner and secondary leak detection system in 2005. This newer (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 (<0.1 gallon/day) from water trapped within the older system continues to be observed and periodically removed.

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President

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San Juan County, New Mexico

REVISED DATE: FEBRUARY 2013 (JCB)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIR.	H2S ppm	DISS. SULFIDE ppm	DISS. OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/03/2012	calm	XX	0.0	0.0	1.80	2.0	8.8	2.7	Y	
01/13/2012	calm	XX	0.0	0.0	1.88	0.7	9.0	2.5	Y	
01/16/2012	0-2	S	0.0	0.0	2.16	0.0	8.9	2.5	Y	
01/27/2012	5-10	W	0.0	0.0	1.62	4.0	8.5	2.4	Y	
02/02/2012	2-4	NE	0.0	0.0	1.12	4.3	8.2	2.3	Y	
02/08/2012	2-5	SW	0.0	0.0	0.61	2.8	8.2	2.3	Y	
02/14/2012	calm	XX	0.0	0.0	1.14	2.7	8.4	2.3	Y	
02/20/2012	4-7	NE	0.0	0.0	1.11	2.9	8.3	2.1	Y	
03/01/2012	3-5	S	0.0	0.0	1.46	2.4	8.5	2.1	Y	
03/07/2012	0-2	E	0.0	0.0	0.62	7.9	8.3	2.1	Y	
03/12/2012	5-7	SW	0.0	0.0	1.87	6.6	8.2	2.1	Y	
03/22/2012	8-10	W	0.0	0.0	1.69	6.9	8.1	2.1	Y	
03/27/2012	3-4	SE	0.0	0.0	0.69	8.1	8.2	2.2	Y	
04/05/2012	4-7	SW	0.0	0.0	1.78	9.1	8.3	2.3	Y	
04/09/2012	0-1	NE	0.0	0.0	1.44	18.3	8.3	2.3	Y	
04/19/2012	1-3	W	0.0	0.0	2.12	13.7	8.1	2.6	Y	

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: FEBRUARY 2013 (JCB)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIR.	H2S ppm	DISS. SULFIDE ppm	DISS. OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
04/27/2012	2-4	N	0.0	0.0	2.13	12.9	8.4	2.6	Y	
05/04/2012	6-9	N	0.0	0.0	2.16	13.3	8.6	2.6	Y	
05/09/2012	5-8	N	0.0	0.0	1.43	11.4	8.9	2.6	Y	
05/16/2012	5-8	SW	0.0	0.0	1.14	19.0	8.8	2.7	Y	
05/21/2012	0-5	SE	0.0	0.0	0.87	21.6	8.9	2.7	Y	
05/29/2012	4-6	SW	0.0	0.0	1.94	24.0	8.9	2.8	Y	
06/03/2012	3-9	N	0.0	0.0	NA	25.2	8.8	3.0	Y	Pond water too shallow for DO measurements
06/14/2012	2-4	N	0.0	0.0	NA	21.3	9.0	3.3	Y	Pond water too shallow for DO measurements
06/19/2012	1-4	NE	0.0	0.0	NA	31.9	9.0	>3.4	Y	Pond water too shallow for DO measurements
06/26/2012	3-8	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
07/05/2012	3-7	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
07/09/2012	2-4	E	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
07/20/2012	0-2	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
07/27/2012	calm	xx	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
08/03/2012	2-4	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
08/07/2012	5-10	S	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
08/13/2012	6-11	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
08/23/2012	5-8	SW	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
08/31/2012	6-13	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
09/06/2012	2-4	E	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
09/10/2012	calm	XX	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
09/20/2012	calm	XX	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
09/25/2012	4-7	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
10/03/2012	2-8	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
10/10/2012	2-4	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
10/18/2012	4-5	SW	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
10/23/2012	3-8	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
11/01/2012	calm	XX	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
11/07/2012	0-3	N	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements

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: FEBRUARY 2013 (JCB)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIR.	H2S ppm	DISS. SULFIDE ppm	DISS. OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
11/13/2012	0-1	E	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
11/21/2012	Calm	xx	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
11/27/2012	2-5	W	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
12/05/2012	6-11	E	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
12/10/2012	0-1	S	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
12/20/2012	0-1	SW	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
12/26/2012	5-10	S	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements
12/31/2012	3-5	SW	0.0	NA	NA	NA	NA	>3.4	Y	No Pond Water for Measurements

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: February 28, 2013 (JCB)

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
01/03/12	BELOW INLET				BELOW INLET			
02/02/12	BELOW INLET				BELOW INLET			
03/01/12	BELOW INLET				BELOW INLET			
04/05/12	BELOW INLET				BELOW INLET			
05/04/12	BELOW INLET				BELOW INLET			
06/03/12	BELOW INLET				BELOW INLET			
07/05/12	BELOW INLET				BELOW INLET			
08/03/12	BELOW INLET				BELOW INLET			
09/06/12	BELOW INLET				BELOW INLET			
10/03/12	BELOW INLET				BELOW INLET			
11/01/12	BELOW INLET				BELOW INLET			
12/05/12	BELOW INLET				BELOW INLET			

BLAGG ENGINEERING, INC.

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

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

CERTIFIED # 7011 1570 0002 2817 3012

RECEIVED OGD
2012 FEB 27 A 11:33

February 22, 2012

Mr. 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. Jones:

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 2011 calendar year monitoring. Attached are spread sheets summarizing weekly evaporation pond and monthly sump monitoring inspection results.

General Pond Monitoring

During the 2011 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 – 10.6 units. A minimum freeboard of 1.1 feet was present between January 21 - Februrayr 15, 2011.

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. Water was transferred to the Cahn on an intermittent basis between March 30, 2011 and July 18, 2011.

Landfarm Treatment Zone Monitoring

No landfarm cells were constructed during the 2011 calendar year and no treatment zone monitoring was required or performed.

Evaporation Pond Sludge Thickness

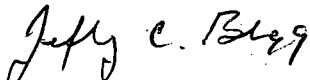
Sludge thickness was measured on October 12, 2011. On this date the most of the measurement points tested at less than 1/4-inch, with an average overall thickness of 0.37 inches.

Leak Detection System Monitoring

Year-end leak detection monitoring indicates the liner system has good integrity with no leaks. The pond was lined with a new PVC liner and secondary leak detection system in 2005. This newer (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 (<0.1 gallon/day) from water trapped within the older system continues to be observed and periodically removed.

Questions or comments concerning this transmittal may be directed to myself at (505)632-1199 or to Jeff Peace 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
Jeff Peace, P.E., BP SJ Operations Center

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: FEBRUARY 2011 (JCB)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIR.	H2S ppm	DISS. SULFIDE ppm	DISS. OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
01/04/2011	2-5	NE	0.0	0.0				1.3	Y	Surface Ice Covered with THICK ICE
01/10/2011	1-4	N	0.0	0.0				2.1	Y	Surface Ice Covered with THICK ICE
01/21/2011	4-6	SE	0.0	0.0	0.74	0.1	9.1	1.1	Y	Surface Ice Covered with soft ICE
01/26/2011	5-10	N	0.0	0.0				1.1	Y	Surface Ice Covered with THICK ICE
02/02/2011	Calm		0.0	0.0	0.86	-0.4	9.2	1.1	Y	Surface Ice Covered with soft ICE
02/07/2011	3-5	SW	0.0	0.0	1.08	1.4	9.0	1.1	Y	Surface Ice Covered with soft ICE
02/15/2011	Calm		0.0	0.0	0.86	2.1	9.1	1.1	Y	
02/22/2011	5-10	NE	0.0	0.0	0.37	4.7	8.8	1.2	Y	
03/01/2011	5-10	N	0.0	0.0	0.26	3.0	8.8	1.2	Y	
03/07/2011	2-4	NE	0.0	0.0	0.16	4.9	9.0	1.6	Y	
03/14/2011	2-4	S	0.0	0.0	0.11	6.0	8.7	1.3	Y	
03/22/2011	15-25	W	0.0	0.0	1.12	7.4	8.9	1.3	Y	
03/30/2011	2-4	SE	0.0	0.0	0.17	8.4	8.9	1.3	Y	
04/04/2011	5-10	S	0.0	0.0	0.28	10.7	8.6	1.6	Y	
04/11/2011	0-2	SE	0.0	0.0	0.14	14.8	8.4	1.6	Y	
04/20/2011	3-5	N	0.0	0.0	0.11	12.7	8.3	1.6	Y	
04/25/2011	3-5	S	0.0	0.0	0.09	12.6	8.5	1.6	Y	
05/04/2011	2-4	N	0.0	0.0	0.12	9.5	8.1	1.6	Y	
05/11/2011	5-8	S	0.0	0.0	0.27	11.5	9.2	1.6	Y	
05/16/2011	11-30	S	0.0	0.0	0.48	14.1	8.9	1.7	Y	
05/24/2011	2-10	W	0.0	0.0	0.62	15.8	8.9	1.6	Y	
06/01/2011	4-10	N	0.0	0.0	0.12	14.9	9.0	1.7	Y	
06/07/2011	0-3	N	0.0	0.0	0.07	16.1	9.3	1.8	Y	
06/13/2011	3-8	N	0.0	0.0	0.23	15.9	9.3	1.9	Y	
06/22/2011	5-8	N	0.0	0.0	0.17	17.6	8.9	2.0	Y	
06/29/2011	0-2	NNE	0.0	0.0	0.30	19.9	9.5	2.0	Y	
07/06/2011	0-7	S	0.0	0.0	0.26	22.3	9.5	2.1	Y	
07/11/2011	5-8	E	0.0	0.0	0.18	28.8	9.1	2.3	Y	
07/18/2011	4-8	N	0.0	0.0	0.51	32.7	9.7	2.8	Y	

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: FEBRUARY 2011 (JCB)

BLAGG ENGINEERING, INC.

INITIAL DATE	WIND SPEED mph	WIND DIR.	H2S ppm	DISS. SULFIDE ppm	DISS. OXYGEN ppm	TEMP. celcius	pH	FREE- BOARD ft.	LINER / BERM INTEGRITY	COMMENTS
07/27/2011	1-3	E	0.0	0.0	TLTM	28.5	9.6	3.0	Y	
08/01/2011	4-9	S	0.0	0.0	TLTM	35.6	9.3	3.2	Y	
08/08/2011	5-17	SW	0.0	0.0	TLTM	23.8	9.5	3.2	Y	
08/15/2011	13-16	S	0.0	0.0	TLTM	34.0	10.4	3.3	Y	
08/23/2011	5-8	N	0.0	0.0	TLTM	21.2	10.2	3.4	Y	
08/31/2011	10-15	N	0.0	0.0	TLTM	23.8	9.6	>3.4	Y	
09/06/2011	3-5	S	0.0	0.0	TLTM	22.6	9.5	>3.4	Y	
09/13/2011	Calm		0.0	0.0	TLTM	14.8	9.4	>3.4	Y	
09/19/2011	1-3	E	0.0	0.0	TLTM	18.0	10.2	>3.4	Y	
09/26/2011	5-8	N	0.0	0.0	TLTM	18.1	9.8	>3.4	Y	
10/03/2011	2-4	N	0.0	0.0	TLTM	10.3	10.2	>3.4	Y	
10/12/2011	Calm		0.0	0.0	TLTM	8.6	10.3	3.3	Y	
10/12/2011					Conduct annual sludge thickness measurements: Average = 0.37 Inches					
10/18/2011	5-10	SW	0.0	0.0	TLTM	24.8	10.6	3.3	Y	
10/24/2011	4-8	SW	0.0	0.0	TLTM	17.6	9.5	3.3	Y	
11/02/2011	2-4	S	0.0	0.0	TLTM	16.7	10.3	3.2	Y	
11/10/2011	6-8	S	0.0	0.0	TLTM	6.7	9.4	3.2	Y	
11/22/2011	0-1	E	0.0	0.0	TLTM	6.7	8.8	3.1	Y	
11/15/2011	Calm		0.0	0.0	TLTM	2.5	9.7	3.1	Y	
11/22/2011	0-2	SE	0.0	0.0	TLTM	3.0	9.2	3.1	Y	
12/02/2011	5-10	E	0.0	0.0	TLTM	1.5	9.1	3.1	Y	
12/07/2011	0-1	S	0.0	0.0	TLTM	1.0	8.8	3.0	Y	
12/15/2011	1-3	SE	0.0	0.0	TLTM	1.0	8.9	3.0	Y	
12/19/2011	4-7	S	0.0	0.0	TLTM	3.0	9.0	2.9	Y	
12/27/2011	3-5	SW	0.0	0.0	TLTM	0.6	8.8	2.9	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: JANUARY 6, 2012 (JCB)

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
01/04/11	BELOW INLET				BELOW INLET			
02/02/11	BELOW INLET				BELOW INLET			
03/01/11	BELOW INLET				BELOW INLET			
04/04/11	BELOW INLET				BELOW INLET			
05/04/11	BELOW INLET				BELOW INLET			
06/01/11	BELOW INLET				BELOW INLET			
07/11/11	BELOW INLET				BELOW INLET			
08/01/11	BELOW INLET				BELOW INLET			
09/06/11	BELOW INLET				BELOW INLET			
10/03/11	BELOW INLET				BELOW INLET			
11/02/11	BELOW INLET				BELOW INLET			
12/02/11	BELOW INLET				BELOW INLET			