CATHAY *DEEP WELL DISPOSAL* LLC
4901 Evans Ave.
Valparaiso, IN 46383

CATHAY
PIGMENTS
USA

United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
Chicago, IL 60604-3590

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AUG 03 2009
UIC BRANCH
EPA REGION 5

Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-1I-C007
IN-127-1I-C008

July 2009

Dear Sir/Madam:

Attached are the monthly operating reports for Cathay Deep Well Disposal LLC at Valparaiso, Indiana for the month of June 2009.

Well C007 was in service the full month. Well C008 was out of service the full month. In this month beginning on the 22nd and continuing into July, well C008 was disassembled, stimulated and reassembled with new tubing and packer.

No effluent limitations were exceeded. In addition to source 1 fluid generated by the Cathay facility, injected fluid consisted of sources itemized on Page 2.

Permit limits for annulus pressure, injection pressure and annulus tubing differential were not exceeded. There was no non-compliance, there were no unplanned events that triggered an alarm or automatic shut down device in this reporting period. Fluid was added to the annulus storage tank, which is atmospheric, for C007 to compensate for natural evaporation.

The daily specific gravity data points are not included in this report. The lab instrument used for this is being repaired. However, the waste analytical included has specific gravity measurement data in full compliance with our operating permit.

Annulus fluid levels are reported as percentage full in the storage tanks. Annulus fluid tabulation is in gallons. Temperatures are in degrees F.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Respectfully,

Rob Black
Plant Manager
Cathay Deepwell disposal LLC

Prepared by: R. F. Trapp, IN class D #12652

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IN-127-1I-C007
IN-127-1I-C008

Source 09 - 106,100 gallons

Source 18 - 40,000 gallons

Source 27 - 50,500 gallons

Source 42 - 93,032 gallons

Cathay Deepwell Disposal LLC
4901 Evans Avenue
Valparaiso, IN 46383

Permit No. IN127-11-C007
Outfall/ Fac. No. 001
Month/Year Jun-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	367.3	43.5	487.9	225.7	82.3		165,312	24.0	114.8
2	372.3	43.6	474.8	240.3	81.9		190,464	24.0	132.3
3	263.5	44.0	472.0	226.6	81.9		104,960	24.0	72.9
4	354.7	43.9	490.8	227.1	84.6		118,976	24.0	82.6
5	371.1	44.1	581.9	225.7	84.9		215,808	24.0	149.9
6	373.7	43.7	521.7	235.7	86.9		168,704	24.0	117.2
7	385.9	43.9	518.6	225.5	86.7		181,376	24.0	126.0
8	460.6	43.6	560.0	240.0	86.5		180,544	24.0	125.5
9	467.9	43.9	539.1	234.4	86.1		171,456	24.0	119.1
10	280.0	44.1	524.4	247.2	86.6		107,840	24.0	74.9
11	280.0	44.1	524.4	247.2	86.6		107,840	24.0	74.9
12	347.5	44.0	530.9	226.5	84.7		149,312	24.0	103.7
13	364.1	44.0	532.7	225.8	84.3		165,056	24.0	114.6
14	364.4	43.7	516.5	225.4	82.6		121,152	24.0	84.1
15	293.1	43.8	534.5	244.5	83.4		107,968	24.0	75.0
16	289.8	43.9	510.4	226.3	84.9		107,840	24.0	74.9
17	483.4	43.9	522.9	225.2	84.7		257,984	24.0	179.2
18	434.1	43.5	635.1	226.7	83.7		229,760	24.0	159.6
19	415.6	43.9	586.9	225.4	84.2		183,040	24.0	127.1
20	371.9	41.5	255.5	225.4	87.2		142,016	23.3	101.7
21	309.3	80.0	216.7	204.4	88.4		19,200	22.7	14.1
22	388.8	80.0	216.4	195.7	88.2		188,160	22.6	138.9
23	387.5	80.1	522.9	242.4	91.3		111,040	24.0	77.1
24	403.7	80.1	527.3	226.4	92.7		200,640	24.0	139.3
25	414.3	80.0	630.0	225.8	91.3		215,872	24.0	149.9
26	482.3	79.9	642.1	226.2	89.3		254,976	24.0	177.1
27	482.3	79.9	642.1	226.2	89.3		254,976	24.0	177.1
28	413.0	79.8	620.6	226.8	86.9		192,832	24.0	133.9
29	414.9	79.8	639.8	227.4	87.1		215,808	24.0	149.9
30	415.8	79.8	589.4	227.3	86.3		202,688	24.0	140.8
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	483.4	55.7	216.4	195.7	86.2		5,033,600	716.5	116.9

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	5,033,600
Year to date	20,450,368
Lifetime	907,825,048

Cathay Deepwell Disposal LLC
4901 Evans Avenue
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Permit No. IN127-11-C008
Outfall/ Fac. No. 001
Month/Year Jun-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	0.0	58.3	303.5	282.6			0	0.0	0.0
2	0.0	58.2	296.0	276.7			0	0.0	0.0
3	0.0	58.2	298.9	292.8			0	0.0	0.0
4	0.0	58.2	288.7	278.7			0	0.0	0.0
5	0.0	57.8	283.3	276.6			0	0.0	0.0
6	0.0	57.9	290.8	284.6			0	0.0	0.0
7	0.0	57.7	284.5	275.3			0	0.0	0.0
8	0.0	57.8	300.0	292.4			0	0.0	0.0
9	0.0	57.7	279.2	284.9			0	0.0	0.0
10	0.0	57.7	271.3	276.8			0	0.0	0.0
11	0.0	57.7	271.3	276.8			0	0.0	0.0
12	0.0	57.5	270.5	275.6			0	0.0	0.0
13	0.0	56.8	270.1	275.1			0	0.0	0.0
14	0.0	56.7	303.8	293.7			0	0.0	0.0
15	0.0	56.7	295.1	300.9			0	0.0	0.0
16	0.0	56.7	286.1	275.3			0	0.0	0.0
17	0.0	56.5	285.9	275.3			0	0.0	0.0
18	0.0	56.2	293.1	278.4			0	0.0	0.0
19	0.0	56.1	297.1	277.2			0	0.0	0.0
20	0.0	56.1	296.6	275.5			0	0.0	0.0
21	0.0	56.0	296.9	302.5			0	0.0	0.0
22	0.0	51.1	0.0	0.0			0	0.0	0.0
23	0.0	51.2	0.0	0.0			0	0.0	0.0
24	0.0	51.2	0.0	0.0			0	0.0	0.0
25	0.0	51.2	0.0	0.0			0	0.0	0.0
26	0.0	51.2	0.0	0.0			0	0.0	0.0
27	0.0	51.2	0.0	0.0			0	0.0	0.0
28	0.0	51.2	0.0	0.0			0	0.0	0.0
29	0.0	51.0	0.0	0.0			0	0.0	0.0
30	0.0	51.2	0.0	0.0			0	0.0	0.0
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	25.3	55.4	0.0	0.0			0	0.0	0.0

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	0
Year to date	926,528
Lifetime	800,303,918

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Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	0.0	58.3	303.5	303.5			0	0.0	0.0
2	0.0	58.2	296.0	296.0			0	0.0	0.0
3	0.0	58.2	298.9	298.9			0	0.0	0.0
4	0.0	58.2	288.7	288.7			0	0.0	0.0
5	0.0	57.8	283.3	283.3			0	0.0	0.0
6	0.0	57.9	290.8	290.8			0	0.0	0.0
7	0.0	57.7	284.5	284.5			0	0.0	0.0
8	0.0	57.8	300.0	300.0			0	0.0	0.0
9	0.0	57.7	279.2	279.2			0	0.0	0.0
10	0.0	57.7	271.3	271.3			0	0.0	0.0
11	0.0	57.7	271.3	271.3			0	0.0	0.0
12	0.0	57.5	270.5	270.5			0	0.0	0.0
13	0.0	56.8	270.1	270.1			0	0.0	0.0
14	0.0	56.7	303.8	303.8			0	0.0	0.0
15	0.0	56.7	295.1	295.1			0	0.0	0.0
16	0.0	56.7	286.1	286.1			0	0.0	0.0
17	0.0	56.5	285.9	285.9			0	0.0	0.0
18	0.0	56.2	293.1	293.1			0	0.0	0.0
19	0.0	56.1	297.1	297.1			0	0.0	0.0
20	0.0	56.1	296.6	296.6			0	0.0	0.0
21	0.0	56.0	296.9	296.9			0	0.0	0.0
22	0.0	51.1	0.0	0.0			0	0.0	0.0
23	0.0	51.2	0.0	0.0			0	0.0	0.0
24	0.0	51.2	0.0	0.0			0	0.0	0.0
25	0.0	51.2	0.0	0.0			0	0.0	0.0
26	0.0	51.2	0.0	0.0			0	0.0	0.0
27	0.0	51.2	0.0	0.0			0	0.0	0.0
28	0.0	51.2	0.0	0.0			0	0.0	0.0
29	0.0	51.0	0.0	0.0			0	0.0	0.0
30	0.0	51.2	0.0	0.0			0	0.0	0.0
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	0.0	55.4	270.1	270.1			0	0.0	0.0

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	0
Year to date	926,528
Lifetime	800,303,918