

**Quarterly Sludge Summary Report Form**

- Note 1: If your site has more than one land application field, please submit a separate form for each field.
- Note 2: Please place this sheet at the top of your Quarterly Sludge Report.
- Note 3: If you have more than one permitted site, then fill-out this form for each one of those sites.
- Note 4: Please send a copy of this sheet and all attachments to the local TCEQ regional office.

For TCEQ Quarter: <u>3<sup>rd</sup></u> : for Reporting period from <u>03/01/13</u> to <u>05/31/13.</u>	
PERMIT NO.: <u>WQ0004723000</u>	DATE: <u>06/12/13</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>1002 Village Square, Suite C</u> <u>Tomball, TX 77375</u>	
CONTACT PERSON: Name: <u>Paul Beydler</u> Telephone No. : <u>281-516-0305 ext.112</u>	

Field No: 1 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 215.83 dry tons / quarter
- Treated Domestic Septage – Land Applied: 0 gallons / quarter
- Method used to treat Domestic Septage: \_\_\_\_\_
- Water Treatment Plant Sludge -- Land Applied: 0 dry tons / quarter
- Class A Sludge Land Applied: 0 dry tons / quarter

- a. Acreage used for Sludge Application/disposal at this site:- 80.50 acres
- b. Site Vegetation (such as grass type, etc.) and # of cuttings:- Coastal Bermuda and Winter Ryegrass -- 3 cuttings
- c. Does any of the sludge you have generated or received DOES NOT MEET concentration limits for any of the metals listed in Table 3 of "30 TAC §312.43 (b)" ? Yes \_\_\_\_\_ No X
- d. Site location: Latitude: 29.30'50", Longitude: 96.33 '69"
- e. Site physical address: \_\_\_\_\_

**Please attach the information regarding the following items (Sewage Sludge only): -**

\*Please note the following information shall be provided in computer generated report format:  
\*Please place check mark before each item below to indicate you have attached that item with this report.

- X 1. Metal concentration, pathogen analysis data and vector attraction certifications for sludge from each source.
- X 2. Provide a list containing the name and permit number of each source of sludge.
- X 3. Date of delivery of each load of sludge land applied.
- X 4. Date of land application of each load of sludge.
- X 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43 (b).
- X 6. The suggested agronomic rate for the class B sludge.

**PLEASE MAIL THE COMPLETED QUARTERLY REPORT TO:**

Texas Commission on Environmental Quality  
Land Application Team (M/C 148)  
Wastewater Permitting Section  
P.O. Box 13087  
Austin, TX 78711-3087

### Residuals Analysis Results

<u>ST Description</u>	<u>Lab Usage Range</u>	<u>Cd</u>	<u>As</u>	<u>Cr</u>	<u>Cu</u>	<u>Hg</u>	<u>Mo</u>	<u>Ni</u>	<u>Pb</u>	<u>Se</u>	<u>Zn</u>
TX AUSTIN, TX HORNSBY BEND WWTP CAKE- AUHBC	03/01/13 03/31/13	0.530 p	3.520 p	9.910 p	183.330 p	0.300 p	5.030 p	11.930 p	13.130 p	4.860 p	383.000 p

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p = ppm or mg/kg

BELT PRESS 2113-01 CAK 1112-11110  
CONTROL# 5458

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-12

Page: 1

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	SM 2540 G %TOTAL %	SM 2540 G %VOL %	SM 4500-NH3 D NH3-N MG/KG	EPA 353.2 NO3+NO2-N MG/KG	EPA 351.2 TKN MG/KG	SW 9045 PH SU	SM 4500-P BE TP MG/KG	SM 9221 E FCOLI MPN/G	EPA 6010C NA MG/KG
6-Sep-12	HBDRYSLDG-06SEP12-W	30.0	30.8	5410	3.57	28614	8.8	4899	258170	565
3-Oct-12	HBDRYSLDG-03OCT12-W	24.4	39.7	6672	< 1.03	34978	8.7	6815	142857	563
15-Nov-12	HBDRYSLDG-15NOV12-W	23.9	41.7	7154	11.4	38415	8.6	8800	294238	545
Minimum		23.9	30.8	5410	< 1.03	28614	8.6	4899	142857	545
Maximum		30	41.7	7154	11.4	38415	8.8	8800	294238	565
Average		26.10	37.40	6412.00	< 5.33	34002.33	8.70	6838.00	231755.00	557.67

Comments

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-12

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	EPA 6010C	EPA 6010C	SM 2510 B	EPA 6010C					
		MG	CA	COND	AG	AL	AS	B	CD	CR
		MG/KG	MG/KG	UMHOS/CM	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
6-Sep-12	HBDYSLDG-06SEP12-W	8843	216561	4870	16.4	4402	3.76	27.0	0.445	9.24
3-Oct-12	HBDYSLDG-03OCT12-W	7080	168722	4210	15.7	5044	4.01	31.8	0.561	11.1
15-Nov-12	HBDYSLDG-15NOV12-W	6259	167736	5290	14.0	3349	2.79	31.1	0.569	9.40
Minimum		6259	167736	4210	14	3349	2.79	27	0.445	9.24
Maximum		8843	216561	5290	16.4	5044	4.01	31.8	0.569	11.1
Average		7394.00	184339.67	4790.00	15.37	4265.00	3.52	29.97	0.53	9.91

Comments

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-12

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	EPA 6010C	EPA 6010C	EPA 7471B	EPA 6010C					
		CU	FE	HG	K	MO	NI	PB	SE	ZN
		MG/KG								
6-Sep-12	HBDYSLDG-06SEP12-W	178	9603	0.327	748	4.26	11.0	11.9	4.16	334
3-Oct-12	HBDYSLDG-03OCT12-W	192	10147	0.335	832	5.45	14.1	12.9	3.92	414
15-Nov-12	HBDYSLDG-15NOV12-W	180	9062	0.248	537	5.39	10.7	14.6	6.51	401
Minimum		178	9062	0.248	537	4.26	10.7	11.9	3.92	334
Maximum		192	10147	0.335	832	5.45	14.1	14.6	6.51	414
Average		183.33	9604.00	0.30	705.67	5.03	11.93	13.13	4.86	383.00

Comments

# Hornsby Bend Biosolids Management Facility

## Belt Presses

March 2013

DAY	Sludge Dewatered (gal)	TOTAL Sludge Wasted (gal)	Sludge Cake (%TS)			Combined Totals		
	BP 1,2&3 Total		BP #1	BP #2	BP #3	Sludge T.S. (mg/L)	Sludge Wasted (DT)	Sludge Dewatered (DT)
1	547,788	434,222	27.3	25.4	NS	70,080	126.9	160.1
2	559,296	431,451	27.1	28.4	NS	71,920	129.4	187.7
3	0	0	NS	NS	NS	NS		
4	472,978	390,400	NS	25.7	27.7	72,520	118.1	143.0
5	567,824	414,959	NS	27.0	27.5	73,720	127.6	174.6
6	300,222	272,680	NS	26.3	26.9	50,380	57.3	63.1
7	52,080	38,800	NS	NS	LE	71,980	11.6	15.6
8	461,370	362,200	26.9	25.5	NS	76,000	114.8	146.2
9	325,440	234,000	26.5	27.9	NS	78,000	78.1	105.9
10	0	0	NS	NS	NS	NS		
11	419,880	328,000	27.1	NS	27.7	73,200	100.1	128.2
12	539,640	644,000	29.0	27.8	28.4	74,800	200.9	168.3
13	486,280	631,000	27.8	26.7	28.9	75,600	198.9	166.4
14	401,040	312,000	29.2	28.7	NS	76,800	99.9	128.4
15	249,768	198,000	29.2	29.2	NS	77,200	63.7	60.4
16	427,572	334,000	29.5	29.0	NS	78,000	108.6	139.1
17	0	570,000	NS	NS	NS	NS		
18	454,320	353,000	29.3	29.5	NS	75,200	110.7	142.6
19	529,416	404,600	30.2	NS	30.9	76,000	131.6	172.2
20	529,402	390,700	29.2	NS	30.0	70,400	114.7	165.4
21	563,256	463,000	29.6	NS	29.8	74,400	143.6	174.7
22	556,936	447,000	30.6	NS	30.2	74,400	138.7	173.4
23	357,150	296,198	30.0	NS	30.2	75,600	93.4	112.6
24	68,660	56,703	NS	30.1	NS	76,000	18.0	21.1
25	305,280	229,400	NS	30.5	NS	75,600	72.3	96.2
26	322,440	256,640	29.7	30.1	NS	75,600	61.5	101.6
27	597,960	459,770	29.4	29.3	NS	80,400	154.1	200.5
28	606,240	440,466	29.4	30.1	NS	80,000	146.9	202.2
29	599,796	472,600	29.2	28.9	NS	80,400	156.4	201.1
30	74,340	50,419	27.4	29.0	NS	78,800	16.6	24.4
31	309,810	264,250	NS	NS	28.4	78,000	65.9	100.8
<b>Total</b>	11,696,173	10,162,668				2,092,980	3000.6	3655.9
<b>Average</b>	377,296	328,473	28.7	28.3	28.9	74,749	107.2	130.6
<b>Average for both presses</b>			28.6					

Hornsby Bend Digester Performance 2012 - 2013

Volatile Solids Reduction by Anaerobic Digestion  
 EPA Mass Balance Method  
 Single Combined Stream from Digesters

Month	Average % Reduction
Sep-12	71.1
Oct-12	65.3
Nov-12	67.5
Dec-12	76.0
Jan-13	62.0
Feb-13	57.6
Mar-13	63.5
Apr-13	64.9
May-13	
Jun-13	
Jul-13	
Aug-13	
Annual Average	66.0

Note: Digesters 3, 4, 7, 8, 9, and 10 were out of service during portions of this period.

Digester Temperatures

Month	Digester 3	Digester 4	Digester 5	Digester 6	Digester 7	Digester 8	Digester 9	Digester 10	Average
Sep-12	87.6	90.9	90.4	90.2					89.8
Oct-12	81.8	87.9	88.1	88.1					86.5
Nov-12	84.8	93.2	92.5	91.2					90.4
Dec-12	85.3	88.4	86.9	87.1					86.9
Jan-13	84.0	85.6	86.2	85.6					85.4
Feb-13		83.6	83.3	83.6					83.5
Mar-13		84.8	83.3	84.7					84.3
Apr-13		85.8	85.6	85.4					85.6
May-13									
Jun-13									
Jul-13									
Aug-13									
Annual Average									86.5

Note: Digesters 3, 4, 7, 8, 9, and 10 were out of service during portions of this period.

Digester Retention Time

Month	Flow MG	MG/day	MCRT
Sep-12	7.5373	0.2512433	27.861436
Oct-12	7.53973	0.2513243	27.852456
Nov-12	6.84085	0.2280283	30.69794
Dec-12	6.58849	0.2196163	31.873768
Jan-13	9.2244	0.30748	22.765708
Feb-13	8.9877	0.29959	23.365266
Mar-13	9.3929	0.3130967	22.357312
Apr-13	10.0509	0.33503	20.893651
May-13			
Jun-13			
Jul-13			
Aug-13			
Average	8.27028375	0.275676	25.95844

Note: We estimate that for Govalle complex we use an average of 3 1/2 digesters (or 7 MG) since one is a holding tank

Synagro  
 SYNAGRO SOUTH, LLC  
 501 Woodall Road  
 Decatur, AL 35601

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 3/1/2013 thru 5/31/2013

For: TX-CO-00007-0-0001

Printed: 6/11/2013  
 Report Time: 07:53:32  
 Page Number: 1 of 1

Delivery Date	Ticket Number	Plant	Product	Qty	Hauler Company	Pathogen Control	Management Method	Dry Tons	Percent Solids	Dry Metric Tons	Site Permit
Unit Of Measure: CUBIC YARDS											
3/6/2013	M-76235	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76236	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76237	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76238	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76239	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76240	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76241	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76242	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76243	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76244	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76245	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76246	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76247	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76248	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76249	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76250	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76251	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76252	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76253	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76254	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76255	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/6/2013	M-76256	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76257	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76258	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76259	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76260	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76261	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76262	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76263	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76264	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76265	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
3/7/2013	M-76267	HORNSBY BEND WWTP	CAK	28.00	SPRINT INDUSTRIAL SE Class B		LandAppl	6.7455	28.60	6.1181	WQ0004723000
***** Unit Totals for CUBIC YARDS:				896.00				215.8547		195.7802	

Grand Total Loads:

32

Grand Totals:

215.85

195.78

**Residual Sources Permit Numbers**

Application To Site TX-CO-7  
Permit No.WQ0004723000  
For Period 3/1/13 - 5/31/13

<b>Project Name</b>	<b>Plant Name</b>	<b>Permit No.</b>
Austin, TX	Hornsby Bend WWTP	3823000

# TEXAS FIELD REPORT

Synagro Field: TX-CO-00007-0-0001

**March 2013**

Permit No.: WQ0004723000  
 Owner: LONNIE OWERS  
 County: COLORADO  
 Crop: BERMUDAGRASS, COASTAL;RYEGRASS

Latitude: 29.30'50"  
 Longitude: 96.33'69"  
 Acres: 80.5 (32.6 ha)  
 Rate: 8.60 DT/A  
 Applic. Method: SURFACE APPL.

CUBIC YARDS APPLIED:	Month to Date:	896.00	Year to Date:	896.00
DRY TONS/ACRE APPLIED:	Month to Date:	2.68	Year to Date:	2.68
			Cumulative:	17.04

\*\*\*\*\* POUNDS PER ACRE APPLIED \*\*\*\*\*  
 ( Kilograms per Hectare Applied )

<u>PARAMETER</u>	<u>MONTH TO DATE</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
PAN	46.81	46.81	
P	36.67	36.67	
K	3.78	3.78	
As	0.02 (0.02)	0.02 (0.02)	0.13 (0.15)
Cd	<.01 (<.01)	<.01 (<.01)	0.03 (0.03)
Cr	0.05 (0.06)	0.05 (0.06)	0.52 (0.58)
Cu	0.98 (1.10)	0.98 (1.10)	8.28 (9.27)
Pb	0.07 (0.08)	0.07 (0.08)	0.62 (0.69)
Hg	<.01 (<.01)	<.01 (<.01)	0.02 (0.02)
Mo	0.03 (0.03)	0.03 (0.03)	0.32 (0.36)
Ni	0.06 (0.07)	0.06 (0.07)	0.50 (0.56)
Se	0.03 (0.03)	0.03 (0.03)	0.19 (0.21)
Zn	2.05 (2.30)	2.05 (2.30)	17.60 (19.71)

## DAILY FIELD LOADING SHEET

<u>DATE APPLIED</u>	<u>TYPE</u>	<u>% SOLIDS</u>	<u>AMOUNT</u>	<u>UNIT</u>	<u>DRY TONS</u>
03/06/2013	AUHBC	28.60	616.00	CUBIC YARDS	148.38
03/07/2013	AUHBC	28.60	280.00	CUBIC YARDS	67.45
TOTALS:			896.00	CUBIC YARDS	215.83 DT 195.75 MT

"NR" = Data not reported to Synagro Technologies, Inc or Data not required.

**CERTIFICATE OF INSURANCE FOR COMMERCIAL LIABILITY**

Name and Address of Insurer (herein called the "Insurer"):

Ironshore Specialty Insurance Company  
75 Federal Street, Boston, MA 02110

Name and Physical and Mailing address of Insured (herein called the "Insured")

Synagro of Texas - CDR, Inc.  
1002 Village Square, Suite C, Tomball, Texas 77375

Additional Insured: Texas Commission on Environmental Quality  
 Physical Address: 12100 Park 35 Circle, MC 184, Austin, TX 78753  
 Mailing Address: MC 184, P. O. Box 13087, Austin, TX 78711-3087

Facilities covered:

Permit #	Name:	Physical Address:	Mailing Address:
04441	Kaechle	Adjacent to the north side of Farm-to-Market Rd 1093, extending north to Farm-to-Market Rd 3013, approx. 4.5 miles east of the City of Eagle Lake, and immediately west and south of the San Bernard River in Colorado and Wharton County, TX	P.O. Box 276, Wallis, TX 77485
04451	K. Ray Campbell	FM 1093 to FM 3013, 4.5 miles east of Eagle Lake, TX	601 Hunters Grove Lane, Houston, TX, 77024
04503	Voyles	2 miles north of Brownsboro on CR 3514 at the intersection of CR 3513 and 3514 in Henderson County, TX	Rt. 1 Box 10313, CR 3600, Brownsboro, TX, 75756
04504	Buck Miller	7 miles north of Paynor on FM Rd 315, Henderson County, TX	4849 Greenville Avenue, Suite 665, Dallas, TX 75206
04505	Ronnie Voyles	One mile South of Brownsboro on CR 3600 in Henderson County, TX	Rt. 1, Box 10313, CR 3600, Brownsboro, TX 75756
04506	Red Flats (Miller)	0.5 miles east of the intersection of Farm-to-Market Rd 1305 and CR 4225, approx. 5 miles north of the City of Poynor in Henderson County, TX	4849 Greenville Avenue, Suite 665, Dallas, TX 75206
04507	Wimberly	Approx. ¾ miles west of the intersection of CR 2171 and CR 2172, South of the City of Whitehouse in Smith County, TX	15830 State Hwy 110 S., Whitehouse, TX 75791
04591	Roy Wright	Approx. 1 ¼ miles southeast of Rock Island, TX and approx. 2.5 miles south of the intersection of Alternate Hwy 90 west and CR 118 in Colorado County, TX	5318 Huckelberry, Houston, TX 77056
04671	Vance Duncan	South, southwest of Hwy 90 and FM 271 and approx. 7 miles southeast of the City of Eagle Lake, TX	2146 Calhoun Road, Eagle Lake, TX 77434
04723	Lonnie Owers	approximately 0.75 mile south of the City of Rock Island, east of and fronting Farm-to-Market Road 1693, in Colorado County, Texas 77470	PO Box 151, Rock Island, TX 77470
04909	Patsy Johnson (J1 Ranch)	West side of State Hwy 19 and FM Rd 317 loop in Henderson County, TX	10960 State Highway 19S, Athens, TX 75751

Per Occurrence Limit: \$3,000,000

Annual Aggregate Limit: \$3,000,000

Policy Number: 001659300

Effective Date: 05-01-13

The Insurer hereby certifies that it has issued to the Insured a commercial liability policy of insurance identified above to

provide coverage for bodily injury and property damage to compensate persons injured or property damaged as a result of Class B sewage sludge land application at the facilities identified above.

The insurer further warrants that such policy conforms in all respects with the requirements of 30 Texas Administrative Code (TAC) §37.9100 (relating to Commercial Liability Insurance), as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

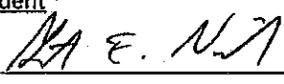
Whenever requested by the executive director of the Texas Commission on Environmental Quality, the Insurer agrees to furnish to the executive director a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 30 TAC §37.9145 (relating to Certificate of Insurance for Commercial Liability) as such regulations were constituted on the date shown immediately below. The undersigned Insurer certifies that it is authorized to transact or be a surplus lines insurer eligible to engage in the business of insurance in Texas and it has a minimum financial strength rating of A- as assigned by the A.M. Best Company.

Authorized signature of Insurer: 

Name of person signing: Kevin J. Fee

Title of person signing: Vice President

Signature of witness or notary: 

Date: 05-01-13

Adopted September 28, 2005

Effective October 20, 2005

**CERTIFICATE OF INSURANCE FOR ENVIRONMENTAL IMPAIRMENT**

Name and Address of Insurer (herein called the "Insurer"):

Ironshore Specialty Insurance Company  
75 Federal Street, Boston, MA 02110

Name and Physical and Mailing address of Insured (herein called the "Insured")

Synagro of Texas - CDR, Inc.  
1002 Village Square, Suite C, Tomball, Texas 77375

Additional Insured: Texas Commission on Environmental Quality

Physical Address: 12100 Park 35 Circle, MC 184, Austin, TX 78753

Mailing Address: MC 184, P. O. Box 13087, Austin, TX 78711-3087

Facilities covered:

Permit #	Name:	Physical Address	Mailing Address
04441	Kaechle	Adjacent to the north side of Farm-to-Market Rd 1093, extending north to Farm-to-Market Rd 3013, approx. 4.5 miles east of the City of Eagle Lake, and immediately west and south of the San Bernard River in Colorado and Wharton County, TX	P.O. Box 276, Wallis, TX 77485
04451	K. Ray Campbell	FM 1093 to FM 3013, 4.5 miles east of Eagle Lake, TX	601 Hunters Grove Lane, Houston, TX, 77024
04503	Voyles	2 miles north of Brownsboro on CR 3514 at the intersection of CR 3513 and 3514 in Henderson County, TX	Rt. 1 Box 10313, CR 3600, Brownsboro, TX, 75756
04504	Buck Miller	7 miles north of Paynor on FM Rd 315, Henderson County, TX	4849 Greenville Avenue, Suite 665, Dallas, TX 75206
04505	Ronnie Voyles	One mile South of Brownsboro on CR 3600 in Henderson County, TX	Rt. 1, Box 10313, CR 3600, Brownsboro, TX 75756
04506	Red Flats (Miller)	0.5 miles east of the intersection of Farm-to-Market Rd 1305 and CR 4225, approx. 5 miles north of the City of Poynor in Henderson County, TX	4849 Greenville Avenue, Suite 665, Dallas, TX 75206
04507	Wimberly	Approx. ¾ miles west of the intersection of CR 2171 and CR 2172, South of the City of Whitehouse in Smith County, TX	15830 State Hwy 110 S., Whitehouse, TX 75791
04591	Roy Wright	Approx. 1 ¾ miles southeast of Rock Island, TX and approx. 2.5 miles south of the intersection of Alternate Hwy 90 west and CR 118 in Colorado County, TX	5318 Huckelberry, Houston, TX 77056
04671	Vance Duncan	South, southwest of Hwy 90 and FM 271 and approx. 7 miles southeast of the City of Eagle Lake, TX	2146 Calhoun Road, Eagle Lake, TX 77434
04723	Lonnie Owers	approximately 0.75 mile south of the City of Rock Island, east of and fronting Farm-to-Market Road 1693, in Colorado County, Texas 77470	PO Box 151, Rock Island, TX 77470
04909	Patsy Johnson (J1 Ranch)	West side of State Hwy 19 and FM Rd 317 loop in Henderson County, TX	10960 State Highway 19S, Athens, TX 75751

Per Occurrence Limit: \$3,000,000

Policy Limit: \$3,000,000

Policy Number: 001659300

Effective Date: 05-01-13

The Insurer hereby certifies that it has issued to the Insured an environmental impairment policy of insurance identified above to provide financial assurance for corrective action related to the facilities identified above. The Insurer further

warrants that such policy conforms in all respects with the requirements of 30 Texas Administrative Code (TAC) §37.9105 (relating to Environmental Impairment Insurance), as applicable and as such regulations were constituted on the date shown immediately below.

It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

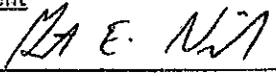
Whenever requested by the executive director of the Texas Commission on Environmental Quality, the Insurer agrees to furnish to the executive director a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 30 TAC §37.9155 (relating to Certificate of Insurance for Environmental Impairment) as such regulations were constituted on the date shown immediately below. The undersigned Insurer certifies that it is authorized to transact or be a surplus lines insurer eligible to engage in the business of insurance in Texas and it has a minimum financial strength rating of A- as assigned by the A.M. Best Company.

Authorized signature of insurer: 

Name of person signing: Kevin J. Fee

Title of person signing: Vice President

Signature of witness or notary: 

Date: 05-01-13

Adopted September 28, 2005

Effective October 20, 2005