

### 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>2nd</u> : for Reporting period from <u>12/01/13</u> to <u>02/28/14</u> .	
PERMIT NO.: <u>WQ0004441000</u>	DATE: <u>03/13/14</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>P.O. Box 4713</u> <u>Tyler, TX 75712</u>	
CONTACT PERSON: Name: <u>Paul Beydler</u> Telephone No. : <u>713-819-8344</u>	

Field No: 18-A (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 321.90 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:- 76.81 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings:- Coastal Bermuda used for hay and heavy grazing, – 1 cutting.

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: 29.37'57", Longitude: 96.13'22"

e. Site physical address: FM 1093 to FM 3013, 4.5 miles east of Eagle Lake

**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

### Quarterly Sludge Summary Report Form

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For TCEQ Quarter: 2nd : for Reporting period from 12/01/13 to 02/28/14.

PERMIT NO.: WQ0004441000 DATE: 03/13/14

NAME OF PERMITTEE / REGISTRANT: Synagro of Texas-CDR, Inc.

MAILING ADDRESS: P.O. Box 4713  
Tyler, TX 75712

CONTACT PERSON: Name: Paul Beydler Telephone No. : 713-819-8344

Field No: 23-A (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 446.06 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:- 130.72 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings:- Coastal Bermuda and Ryegrass used for hay and heavy grazing, - 1 cutting.

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: 29.39'26", Longitude: 96.15'01"

e. Site physical address: FM 1093 to FM 3013, 4.5 miles east of Eagle Lake

**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

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For TCEQ Quarter: <u>2<sup>nd</sup></u> : for Reporting period from <u>12/01/13</u> to <u>02/28/14.</u>	
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NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>P.O. Box 4713</u> <u>Tyler, TX 75712</u>	
CONTACT PERSON: Name: <u>Paul Beydler</u> Telephone No. : <u>713-819-8344</u>	

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

- Class B Sewage Sludge Land Applied: 0 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:- N/A acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings:- N/A

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 N/A No N/A

d. Site location: Latitude: \_\_\_\_\_, Longitude: \_\_\_\_\_

e. Site physical address: FM 1093 to FM 3013, 4.5 miles east of Eagle Lake

**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.

N/A 1. Metal concentration, pathogen analysis data and vector attraction certifications for sludge from each source.

N/A 2. Provide a list containing the name and permit number of each source of sludge.

N/A 3. Date of delivery of each load of sludge land applied.

N/A 4. Date of land application of each load of sludge.

N/A 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43 (b).

N/A 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</u> <u>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	11/01/13	02/28/14	0.860 p	4.010 p	19.000 p	279.000 p	0.420 p	7.440 p	18.300 p	17.200 p	3.900 p	608.330 p
TX AUSTIN, TX HORNSBY BEND WWTP CAKE-AUHBC	03/01/14	05/31/14	0.770 p	4.200 p	19.470 p	232.000 p	0.430 p	6.920 p	17.530 p	15.400 p	4.070 p	544.000 p

p = ppm or mg/kg

Laboratory Ser#  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-13

CONTROL # 58629

Page: 1

This data has been proofed by a Laboratory Official: YES

Site	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 MEN/G	EPA 6010C NA MG/KG
-SEP-13	HBDRYSLDG-11SEP13-W	18.3	60.0	10272	20.2	56519	8.8	11226	27072	664
-OCT-13	HBDRYSLDG-02OCT13-W	17.6	59.7	10871	<13.2	42514	8.6	10777	12017	668
-NOV-13	HBDRYSLDG-14NOV13-W	18.4	55.6	8978	19.7	53144	8.6	9743	50806	579
Minimum		17.6	55.6	8978	19.7	42514	8.6	9743	12017	579
Maximum		18.4	60	10871	20.2	56519	8.8	11226	50806	668
Average		18.10	58.43	10040.33	19.95	50725.67	8.67	10582.00	29965.00	637.00

Laboratory Ser#  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-13

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This data has been proofed by a Laboratory Official: YES

Sample Name	EPA 6010C MG MG/KG	EPA 6010C CA MG/KG	SM 2510 B COND UMHOS/CM	EPA 6010C AG MG/KG	EPA 6010C AL MG/KG	EPA 6010C AS MG/KG	EPA 6010C B MG/KG	EPA 6010C CD MG/KG	EPA 6010C CR MG/KG
-SEP-13 HBDRYSLDG-11SEP13-W	4949	87561	4740	4.80	6959	4.22	43.3	0.986	19.2
-OCT-13 HBDRYSLDG-02OCT13-W	5282	90206	4420	4.20	7192	3.46	40.9	0.771	18.8
-NOV-13 HBDRYSLDG-14NOV13-W	4428	83292	5400	4.38	7005	4.36	37.4	0.814	19.0
Minimum	4428	83292	4420	4.2	6959	3.46	37.4	.771	18.8
Maximum	5282	90206	5400	4.8	7192	4.36	43.3	.986	19.2
Average	4886.33	87019.57	4853.33	4.46	7052.00	4.01	40.53	.86	19.00

Laboratory Ser  
Hornsby Dried Sludge - Monthly  
Report Date: 10-DEC-13

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This data has been proofed by a Laboratory Official: YES

te	Sample Name	EPA 6010C CU MG/KG	EPA 6010C FE MG/KG	EPA 7471B HG MG/KG	EPA 6010C K MG/KG	EPA 6010C MO MG/KG	EPA 6010C NI MG/KG	EPA 6010C PB MG/KG	EPA 6010C SE MG/KG	EPA 6010C ZN MG/KG
-SEP-13	HBDRYSLDG-11SEP13-W	312	14717	0.410	1017	7.87	19.4	16.7	5.15	571
-OCT-13	HBDRYSLDG-02OCT13-W	273	15338	0.411	1063	7.33	17.9	15.4	3.50	579
-NOV-13	HBDRYSLDG-14NOV13-W	252	16592	0.441	1160	7.13	17.6	19.5	3.05	575
nimum		252	14717	.41	1017	7.13	17.6	15.4	3.05	575
ximum		312	16592	.441	1160	7.87	19.4	19.5	5.15	571
erage		279.00	15549.00	.42	1086.67	7.44	18.30	17.20	3.90	608.33

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 06-MAR-14

CONTROL #58825

Page: 1

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	SM 2540 G	SM 2540 G	SM 4500-NH3 D	EPA 353.2	EPA 351.2	SW 9045	SM 4500-P BE	SM 9221 E	EPA 6010C
		%TOTAL	%VOL	NH3-N	NO3+NO2-N	TKN	PH	TP	FCOLI	NA
		%	%	MG/KG	MG/KG	MG/KG	SU	MG/KG	MPN/G	MG/KG
05-DEC-13	HBDRYSLDG-05DEC13-W	18.9	57.5	9302	39.8	55318	8.6	7971	79365	513
15-JAN-14	HBDRYSLDG-15JAN14-W	16.5	65.9	13832	7.34	68854	8.3	14259	625744	643
06-FEB-14	HBDRYSLDG-06FEB14-W	15.3	70.6	13925	10.5	74162	8.7	15467	70968	668
Minimum		15.3	57.5	9302	7.34	55318	8.3	7971	70968	513
Maximum		18.9	70.6	13925	39.8	74162	8.7	15467	625744	668
Average		16.90	64.67	12353.00	19.21	66111.33	8.53	12565.67	258692.33	608.00



Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 06-MAR-14

Page: 2

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	EPA 6010C	EPA 6010C	SM 2510 B	EPA 6010C	EPA 6010C	EPA 6010C	EPA 6010C	EPA 6010C	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
05-DEC-13	HBDRYSLDG-05DEC13-W	4559	83058	4580	4.16	8968	4.77	39.3	0.721	18.9
15-JAN-14	HBDRYSLDG-15JAN14-W	3470	60878	6320	4.44	5569	3.48	46.2	0.825	18.0
06-FEB-14	HBDRYSLDG-06FEB14-W	3547	46206	6490	5.70	6161	4.35	52.0	0.775	21.5
Minimum		3470	46206	4580	4.16	5569	3.48	39.3	.721	18
Maximum		4559	83058	6490	5.7	8968	4.77	52	.825	21.5
Average		3858.67	63380.67	5796.67	4.77	6899.33	4.20	45.83	.77	19.47

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 06-MAR-14

Page: 3

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	EPA 6010C	EPA 6010C	EPA 7471B	EPA 6010C	EPA 6010C	EPA 6010C	EPA 6010C	EPA 6010C	EPA 6010C
		CU MG/KG	FE MG/KG	HG MG/KG	K MG/KG	MO MG/KG	NI MG/KG	PB MG/KG	SE MG/KG	ZN MG/KG
05-DEC-13	HBDRYSLDG-05DEC13-W	229	17720	0.654	1682	6.17	16.8	16.9	2.66	494
15-JAN-14	HBDRYSLDG-15JAN14-W	227	15980	0.281	979	6.71	17.2	15.3	3.84	562
06-FEB-14	HBDRYSLDG-06FEB14-W	240	16046	0.354	1118	7.88	18.6	14.0	5.71	576
Minimum		227	15980	.281	979	6.17	16.8	14	2.66	494
Maximum		240	17720	.654	1682	7.88	18.6	16.9	5.71	576
Average		232.00	16582.00	.43	1259.67	6.92	17.53	15.40	4.07	544.00

Hornsby Bend Digester Performance 2013 - 2014

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

Month	Average % Reduction
Sep-13	77.3
Oct-13	66.7
Nov-13	56.6
Dec-13	51.8
Jan-14	49.2
Feb-14	58.5
Mar-14	
Apr-14	
May-14	
Jun-14	
Jul-14	
Aug-14	
Annual Average	60.0

Pathogen Testing  
Class B Monthly Samples  
Fecal Coliform MPN

Month	Fecal C
Sep-13	27,072
Oct-13	12,017
Nov-13	50,806
Dec-13	79,365
Jan-14	625,744
Feb-14	70,968
Mar-14	
Apr-14	
May-14	
Jun-14	
Jul-14	
Aug-14	
Annual Avg	144,329

Digester Temperatures

Month	Digester 3	Digester 4	Digester 5	Digester 6	Digester 7	Digester 8	Digester 9	Digester 10	Average
Sep-13	94.3	96.5	98.5	97.8					96.8
Oct-13	90.0	95.3	95.6	94.2					93.8
Nov-13	88.2	90.3	90.9	90.4					90.0
Dec-13	85.6	86.7	86.7	86.3					86.3
Jan-14	84.9	84.5	82.6	84.5					84.1
Feb-14	80.2	80.7	77.5	79.8					79.5
Mar-14									
Apr-14									
May-14									
Jun-14									
Jul-14									
Aug-14									
Annual Average									88.4

Note: Digesters 7, 8, 9, and 10 were out of service during this period due to construction activity.

Digester Retention Time

Month	Flow MG	MG/day	MCRT
Sep-13	6.4964	0.2165467	32.325596
Oct-13	6.4184	0.2139467	32.718435
Nov-13	7.9557	0.26519	26.396169
Dec-13	8.254	0.2751333	25.44221
Jan-14	7.68495	0.256165	27.326137
Feb-14	6.7021	0.2234033	31.333463
Mar-14			
Apr-14			
May-14			
Jun-14			
Jul-14			
Aug-14			
Average	7.251925	0.241731	29.257

Notes: Digesters 3 through 6 have a total average volume of 7 MG since digester 3 holds digested sludge (and gas) prior to dewatering  
Used sludge flows from Walnut and SAR WWTPs since Hornsby meters not working during this period

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

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 12/1/2013 thru 2/28/2014

Printed: 3/13/2014  
 Report Time: 09:53:42  
 Page Number: 1 of 2

For: TX-CO-00001-0-0018-A

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											
1/16/2014	M-80322-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80323-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80324-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80325-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80326-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80327-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80328-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80329-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80330-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80331-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80332-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80333-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80334-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80335-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80336-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80337-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80338-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80339-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80340-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/16/2014	M-80341-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80319-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80320-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80321-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80342-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80343-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80344-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80345-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80346-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80347-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80348-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80349-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80350-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80351-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80352-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80353-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80354-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80355-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80356-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80357-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/17/2014	M-80358-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80359-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80360-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80361-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000

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 501 Woodall Road  
 Decatur, AL 35601

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 12/1/2013 thru 2/28/2014

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For: TX-CO-00001-0-0018-A

Delivery Date	Ticket Number	Plant	Product	Qty	Hauler Company	Pathogen Control	Management Method	Dry Tons	Percent Solids	Dry Metric Tons	Site Permit
1/20/2014	M-80362-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80363-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80364-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80365-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80366-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80367-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80368-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80369-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80370-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80371-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80372-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80373-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80374-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80375-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80376-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80377-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/20/2014	M-80378-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80379-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80380-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80381-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80382-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80383-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80384-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80385-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80386-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80387-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
1/21/2014	M-80388-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL SE Class B		LandAppl	4.5992	18.20	4.1715	WQ0004441000
***** Unit Totals for CUBIC YARDS:				2,100.00				321.9423		292.0017	

Grand Total Loads: 70

Grand Totals: 321.94 292.00

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 501 Woodall Road  
 Decatur, AL 35601

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 12/1/2013 thru 2/28/2014

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For: TX-CO-00001-0-0023-A

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											
2/17/2014	M-80447-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80448-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80449-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80489-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80490-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80491-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80492-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/17/2014	M-80493-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80494-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80495-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80496-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80497-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80498-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80499-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80500-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/18/2014	M-80501-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80502-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80503-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80504-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80505-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80506-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80507-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80508-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80509-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80510-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80511-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80512-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/19/2014	M-80513-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80514-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80515-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80516-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80517-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80518-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80519-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80520-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80521-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/20/2014	M-80522-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80523-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80524-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80525-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80526-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80527-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/21/2014	M-80528-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000



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Delivery Date	Ticket Number	Plant	Product	Qty	Hauler Company	Pathogen Control	Management Method	Dry Tons	Percent Solids	Dry Metric Tons	Site Permit
2/26/2014	M-80574-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/26/2014	M-80575-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80567-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80576-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80578-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80579-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80580-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80581-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80582-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
2/27/2014	M-80583-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.5992	18.20	4.1715	WQ0004441000
***** Unit Totals for CUBIC YARDS:				2,910.00				446.1201		404.6309	
<b>Grand Total Loads:</b>		97						<b>446.12</b>		<b>404.63</b>	



## Residual Sources Permit Numbers

Application To Site TX-CO-1

Permit No. WQ0004441000

For Period 12/01/13 - 02/28/14

<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-00001-0-0018-A

January 2014

Permit No.: WQ0004441000  
Owner: CHARLES KAEICHELE & SONS  
County: COLORADO  
Crop: BERMUDAGRASS, COASTAL;RYEGRASS

Latitude: 29.38'25"  
Longitude: 96.12'51"  
Acres: 76.81 (31.11 ha)  
Rate: 8.98 DT/A  
Applic. Method: SURFACE APPL.

CUBIC YARDS APPLIED: Month to Date: 2,100.00 Year to Date: 2,100.00

DRY TONS/ACRE APPLIED: Month to Date: 4.19 Year to Date: 4.19  
Cumulative: 73.27

\*\*\*\*\* 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	60.16	60.16	
P	88.70	88.70	
K	9.11	9.11	
As	0.03 (0.03)	0.03 (0.03)	12.51 (14.01)
Cd	<.01 (<.01)	<.01 (<.01)	2.40 (2.69)
Cr	0.16 (0.18)	0.16 (0.18)	32.87 (36.81)
Cu	2.34 (2.62)	2.34 (2.62)	59.16 (66.26)
Pb	0.14 (0.16)	0.14 (0.16)	18.61 (20.84)
Hg	<.01 (<.01)	<.01 (<.01)	0.41 (0.46)
Mo	0.06 (0.07)	0.06 (0.07)	1.38 (1.55)
Ni	0.15 (0.17)	0.15 (0.17)	9.54 (10.68)
Se	0.03 (0.03)	0.03 (0.03)	2.09 (2.34)
Zn	5.10 (5.71)	5.10 (5.71)	140.82 (157.72)

**DAILY FIELD LOADING SHEET**

<u>DATE APPLIED</u>	<u>TYPE</u>	<u>% SOLIDS</u>	<u>AMOUNT</u>	<u>UNIT</u>	<u>DRY TONS</u>
01/16/2014	AUHBC	18.20	600.00	CUBIC YARDS	91.97
01/17/2014	AUHBC	18.20	600.00	CUBIC YARDS	91.97
01/20/2014	AUHBC	18.20	600.00	CUBIC YARDS	91.97
01/21/2014	AUHBC	18.20	300.00	CUBIC YARDS	45.99
<b>TOTALS:</b>			<b>2,100.00</b>	<b>CUBIC YARDS</b>	<b>321.90 DT 291.96 MT</b>

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



Synagro Field: TX-CO-00001-0-0023-A

DAILY FIELD LOADING SHEET

<u>DATE APPLIED</u>	<u>TYPE</u>	<u>% SOLIDS</u>	<u>AMOUNT</u>	<u>UNIT</u>	<u>DRY TONS</u>
TOTALS:			2,910.00	CUBIC YARDS	446.06 DT 404.58 MT

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

**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 Brownboro 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	Lonnle 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

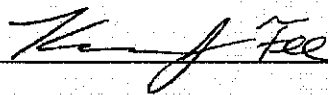
warrants that such policy conforms in all respects with the requirements of 30 Texas Administrative Code (TAC) §37.9105 (relating to Environmental Impairment Insurance), as applicable and as such regulations were constituted on the date shown immediately below.

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.

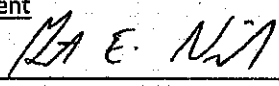
Authorized signature of Insurer: \_\_\_\_\_



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

**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 Brownboro 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
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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

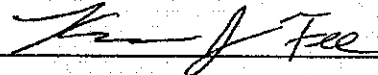
The Insurer hereby certifies that it has issued to the Insured a commercial liability policy of insurance identified above to

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.

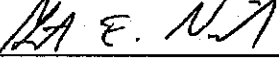
Whenever requested by the executive director of the Texas Commission on Environmental Quality, the Insurer agrees to furnish to the executive director a duplicate original of the policy listed above, including all endorsements thereon.

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