

### 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: 3<sup>rd</sup> : for Reporting period from 03/01/2014 to 05/31/2014.

PERMIT NO.: WQ0004451000

DATE: 06/12/14

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

MAILING ADDRESS: 501 Woodall Road

Decatur, AL 35601

CONTACT PERSON: Name: Chuck Simmons Telephone No. : 256-565-3374

Field No: 5 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 106.75 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:- 33.6 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings:- Jiggs/Coastal Bermudagrass/ Bahiagrass/ Overseeded with Ryegrass -- 3cuttings.

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: \_\_\_\_\_, 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.

- 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: <u>3<sup>rd</sup></u> : for Reporting period from <u>03/01/2014</u> to <u>05/31/2014</u> .
PERMIT NO.: <u>WQ0004451000</u> DATE: <u>6/12/14</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>
MAILING ADDRESS: <u>501 Woodall Road</u> <u>Decatur, AL 35601</u>
CONTACT PERSON: Name: <u>Chuck Simmons</u> Telephone No. : <u>256-565-3374</u>

Field No: 6 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 128.1 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:- 21.60 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings - Jiggs/Coastal Bermudagrass/ Bahiagrass/ Overseeded with Ryegrass -- 3cuttings.

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: \_\_\_\_\_, 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.

- 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.

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Note 2: Please place this sheet at the top of your Quarterly Sludge Report.

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For TCEQ Quarter: <u>3<sup>rd</sup></u> : for Reporting period from <u>03/01/2014</u> to <u>05/31/2014</u> .	
PERMIT NO.: <u>WQ0004451000</u>	DATE: <u>6/12/14</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>501 Woodall Road</u> <u>Decatur, AL 35601</u>	
CONTACT PERSON: Name: <u>Chuck Simmons</u> Telephone No. : <u>256-565-3374</u>	

Field No: 7 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 128.10 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: - 28.10 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings - Jiggs/Coastal Bermudagrass/ Bahiagrass/ Overseeded with Ryegrass – 3cuttings.

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: \_\_\_\_\_, 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.

- 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.

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Wastewater Permitting Section  
P.O. Box 13087  
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PERMIT NO.: <u>WQ0004451000</u>	DATE: <u>06/12/14</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>501 Woodall Road</u> <u>Decatur, AL 35601</u>	
CONTACT PERSON: Name: <u>Chuck Simmons</u> Telephone No. : <u>256-565-3374</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 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:- 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.

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### 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	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
TX AUSTIN, TX HORNSBY BEND WWTP CAKE-AUHBC	06/01/14	08/31/14	0.800 p	3.480 p	20.530 p	251.330 p	0.460 p	8.020 p	16.770 p	14.670 p	4.530 p	567.670 p

p = ppm or mg/kg

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

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	SM 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	BU	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 Se  
Hornsby Dried Sludge - Monthly  
Report Date: 05-MAR-14

Page: 2

This data has been proofed by a Laboratory Official: YES

Date	Sample Name	EPA 6010C MG MG/KG	EPA 6010C CA MG/KG	SM 2510 B COND UMHQS/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
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	8569	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 Se.  
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	FE	HG	K	MD	NI	PB	SE	ZN
		MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	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	1116	7.88	18.6	14.0	5.71	876
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	876
Average		232.00	16582.00	.43	1259.67	6.92	17.53	15.40	4.07	544.00



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

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
5-Mar-14	HBDRYSLDG-05MAR14-W	12.9	84.8	14575	< 6.35	78472	8.1	13380	993590	733
9-Apr-14	HBDRYSLDG-09APR14-W	14.2	70.6	14135	4.47	68653	8.2	13443	915493	679
6-May-14	HBDRYSLDG-06MAY14-W	15.1	69.9	13524	< 3.32	70417	8.5	13317	135430	761
Minimum		12.9	69.9	13524	< 3.32	68653	8.1	13317	135430	679
Maximum		15.1	84.8	14575	6.35	78472	8.5	13443	993590	761
Average		14.07	75.10	14078.00	< 4.71	72514.00	8.27	13380.00	681504.33	724.33

Comments

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 06-JUN-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
5-Mar-14	HBDRYSLDG-05MAR14-W	4059	49067	5220	8.36	6139	3.23	48.9	0.784	22.2
9-Apr-14	HBDRYSLDG-09APR14-W	3771	54067	6290	8.49	4751	3.08	49.0	0.784	19.0
6-May-14	HBDRYSLDG-06MAY14-W	3836	58091	3850	8.49	6163	4.12	52.1	0.826	20.4
Minimum		3771	49067	3850	8.36	4751	3.08	48.9	0.784	19
Maximum		4059	58091	6290	8.49	6163	4.12	52.1	0.826	22.2
Average		3888.67	53741.67	5120.00	8.45	5684.33	3.48	50.00	0.80	20.53

Comments

Laboratory Services  
Hornsby Dried Sludge - Monthly  
Report Date: 06-JUN-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
5-Mar-14	HBDRYSLDG-05MAR14-W	235	17155	0.363	1406	7.46	16.6	13.6	3.78	553
9-Apr-14	HBDRYSLDG-09APR14-W	240	16768	0.343	947	7.58	16.0	13.5	4.57	560
6-May-14	HBDRYSLDG-06MAY14-W	279	14408	0.682	1257	9.03	17.7	16.9	5.24	590
Minimum		235	14408	0.343	947	7.46	16	13.5	3.78	553
Maximum		279	17155	0.682	1406	9.03	17.7	16.9	5.24	590
Average		251.33	16110.33	0.46	1203.33	8.02	16.77	14.67	4.53	567.67

Comments

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	66.6
Dec-13	61.8
Jan-14	49.2
Feb-14	69.5
Mar-14	69.4
Apr-14	38.1
May-14	60.1
Jun-14	
Jul-14	
Aug-14	
Annual Average	60.0

Pathogen Testing  
 Class B Monthly Samples  
 Faecal Coliform MPN

Month	Faecal C
Sep-13	27,072
Oct-13	12,017
Nov-13	60,808
Dec-13	79,365
Jan-14	625,744
Feb-14	70,968
Mar-14	993,690
Apr-14	915,493
May-14	135,430
Jun-14	
Jul-14	
Aug-14	
Annual Avg	323,367

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	98.2	90.3	90.9	90.4					90.0
Dec-13	85.6	89.7	86.7	88.3					86.3
Jan-14	84.9	84.5	82.8	84.5					84.1
Feb-14	80.2	80.7	77.5	79.8					79.5
Mar-14	74.8	78.6	78.9	78.9					77.5
Apr-14	84.0	84.9	84.1	84.2					84.3
May-14	87.2	89.1	87.9	86.7					87.7
Jun-14									
Jul-14									
Aug-14									
Annual Average									86.7

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	32.325598
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	31.333483
Mar-14	7.1235	0.23745	29.479981
Apr-14	9.59971	0.3199903	28.12585
May-14	8.19760	0.2732501	32.936963
Jun-14			
Jul-14			
Aug-14			
Average	7.603584667	0.253453	29.56496

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  
 Added Digester 8 during April, making volume in digesters 9 MG

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

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 3/1/2014 thru 5/31/2014

For: TX-CO-00002-0-0005

Printed: 6/11/2014  
 Report Time: 16:06:48  
 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											
5/23/2014	M-81876-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81877-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81878-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81879-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81880-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81881-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81882-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/23/2014	M-81883-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81884-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81885-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81886-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81887-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81888-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81889-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81890-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81891-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81892-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81893-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81894-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81895-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81896-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81897-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81898-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81899-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/26/2014	M-81900-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
***** Unit Totals for CUBIC YARDS:				750.00				106.7666		96.8373	

Grand Total Loads: 25

Grand Totals: 106.77 96.84

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

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 3/1/2014 thru 5/31/2014

Printed: 6/11/2014  
 Report Time: 16:07:06  
 Page Number: 1 of 1

For: TX-CO-00002-0-0006

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											
3/3/2014	M-80584-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80585-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80586-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80587-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80588-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80589-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80590-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80591-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80592-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80593-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80594-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80595-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80596-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80597-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80598-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80599-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80600-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
3/3/2014	M-80601-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81764-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81765-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81766-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81767-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81768-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81769-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81770-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81771-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81772-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81773-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81774-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/22/2014	M-81775-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
***** Unit Totals for CUBIC YARDS:				900.00				128.1199		116.2048	

Grand Total Loads: 30

Grand Totals: 128.12 116.20

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

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 3/1/2014 thru 5/31/2014

Printed: 6/11/2014  
 Report Time: 16:07:20  
 Page Number: 1 of 1

For: TX-CO-00002-0-0007

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											
5/19/2014	M-85481-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85482-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85483-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85484-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85485-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85486-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85487-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85488-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85489-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/19/2014	M-85490-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85491-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85492-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85493-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85494-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85496-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85497-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85498-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/20/2014	M-85499-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81751-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81752-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81753-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81754-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81756-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81757-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81758-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81759-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81760-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81761-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81762-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
5/21/2014	M-81763-1	HORNSBY BEND WWTP	CAK	30.00	SPRINT INDUSTRIAL	SE Class B	LandAppl	4.2707	16.90	3.8735	WQ0004451000
***** Unit Totals for CUBIC YARDS:				900.00				128.1199		116.2048	
Grand Total Loads:		30						128.12		116.20	

## Residual Sources Permit Numbers

Application To Site TX-CO-2

Permit No. WQ0004451000

For Period 03/01/14 - 05/31/14

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









