

### 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>4<sup>th</sup></u> : for Reporting period from <u>06/01/2014</u> to <u>08/31/2014</u> .	
PERMIT NO.: <u>WQ0004503000</u>	DATE: <u>09/12/14</u>
NAME OF PERMITTEE / REGISTRANT: <u>Synagro of Texas-CDR, Inc.</u>	
MAILING ADDRESS: <u>5001 Woodall Road</u> <u>Decatur, AL 35601</u>	
CONTACT PERSON: Name: <u>Chuck Simmons</u> Telephone No. : <u>256-565-3374</u>	

Field No: 10 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 20.27 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:- 18.67 acres

b. Site Vegetation (such as grass type, etc.) and # of cuttings:- Coastal Bermuda and Rye Grass for Hay and Grazing, – 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: 32.19’23”, Longitude: 95.38’6

e. Site physical address: two miles north of Brownsboro on County Road 3514 at the intersection of County Roads 3513 and 3514 in Henderson County

**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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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 Nos: 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: two miles north of the City of Brownsboro on County Road 3514 at the intersection of county roads 3513 and 3514 in Henderson County.

**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>SI 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 TYLER, TX WESTSIDE WWTP LIQUID-TYWSL	05/01/14	06/30/14	1.400 p	22.400 p	26.400 p	433.000 p	0.840 p	12.900 p	21.400 p	46.000 p	75.100 p	983.000 p
TX TYLER, TX WESTSIDE WWTP LIQUID-TYWSL	07/01/14	08/31/14	1.500 p	18.100 p	28.800 p	416.000 p	1.440 p	10.000 p	20.300 p	40.900 p	23.800 p	961.000 p

p = ppm or mg/kg

## NOTICE AND NECESSARY INFORMATION (NANI)

This form is to assist in complying with the bulk sewage sludge (biosolids) notification requirements [503.12(f)]. Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land applicators and also by land applicators to transmit information to land owners or lease holders.

**Facility and Biosolids Type:** Westside Plant - Class B

**Monitoring Period: From** 5/1/2014 **To** 6/30/2014

**To Be Completed by PREPARERS of Biosolids**

**A. Please provide pollutant concentrations**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (monthly average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13) (daily maximum)
Arsenic	22.4	41 mg/kg	75 mg/kg
Cadmium	1.4	39 mg/kg	85 mg/kg
Chromium	26.4	1200 mg/kg	3000 mg/kg
Copper	433.0	1500 mg/kg	4300 mg/kg
Lead	46.0	300 mg/kg	840 mg/kg
Mercury	0.84	17 mg/kg	57 mg/kg
Molybdenum	12.9	N/A**	75 mg/kg
Nickel	21.4	420 mg/kg	420 mg/kg
Selenium***	75.1	36/100 mg/kg	100 mg/kg
Zinc	983.0	2800 mg/kg	7500 mg/kg
Nitrogen Concentration	51,200	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has temporarily removed the molybdenum limits from Table 3, Table 2, and Table 4.

\*\*\* TCEQ Chapter 312 Rule lists Table 3 limit as 36 mg/kg; 40 CFR Part 503 Rule lists Table 3 limit as 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) - Please indicate the level achieved and alternative used.**

Class A                       Class B

Pathogen reduction alternative used: 40 CFR 503.32(b)(2)

**C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.**

Option 1                       Option 2                       Option 3                       Option 4  
 Option 5                       Option 6                       Option 7                       Option 8  
 No vector attraction reduction options were performed.

**D. CERTIFICATION**

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

A. Name and Official Title (type or print) <u>P. Clayton Nicolardi</u>	B. Area Code and Telephone Number <u>903-531-1085</u>
C. Signature 	D. Date Signed <u>6/12/14</u>

**NOTICE AND NECESSARY INFORMATION (NANI)**

*This form is to assist in complying with the bulk sewage sludge (biosolids) notification requirements [503.12(f)]. Please note, however, that if the biosolids meet the exceptional quality criteria, then the notification requirements do not apply. This form can be used by preparers of biosolids to transmit information to land appliers and also by land appliers to transmit information to land owners or lease holders.*

**Facility and Biosolids Type:** Westside Plant - Class B

**Monitoring Period: From** 7/1/2014 **To** 8/31/2014

**To Be Completed by PREPARERS of Biosolids**

**A. Please provide pollutant concentrations**

Name	Concentration (mg/kg) Dry Weight	Pollutant Concentrations (Table 3, 40 CFR 503.13) (monthly average)	Ceiling Concentrations* (Table 1, 40 CFR 503.13) (daily maximum)
Arsenic	18.1	41 mg/kg	75 mg/kg
Cadmium	1.5	39 mg/kg	85 mg/kg
Chromium	28.8	1200 mg/kg	3000 mg/kg
Copper	416.0	1500 mg/kg	4300 mg/kg
Lead	40.9	300 mg/kg	840 mg/kg
Mercury	1.44	17 mg/kg	57 mg/kg
Molybdenum	10.0	N/A**	75 mg/kg
Nickel	20.3	420 mg/kg	420 mg/kg
Selenium***	23.8	36/100 mg/kg	100 mg/kg
Zinc	961.0	2800 mg/kg	7500 mg/kg
Nitrogen Concentration	50,500	N/A	N/A

\* Biosolids may not be land applied if any pollutant exceeds these values.

\*\* EPA has temporarily removed the molybdenum limits from Table 3, Table 2, and Table 4.

\*\*\* TCEQ Chapter 312 Rule lists Table 3 limit as 36 mg/kg; 40 CFR Part 503 Rule lists Table 3 limit as 100 mg/kg.

**B. Pathogen Reduction (40 CFR 503.32) - Please indicate the level achieved and alternative used.**

Class A       Class B

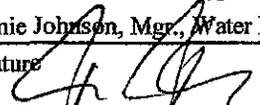
Pathogen reduction alternative used: 40 CFR 503.32(b)(2)

**C. Vector Attraction Reduction (40 CFR 503.33) - Please indicate the option performed.**

Option 1       Option 2       Option 3       Option 4  
 Option 5       Option 6       Option 7       Option 8  
 No vector attraction reduction options were performed.

**D. CERTIFICATION**

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

A. Name and Official Title ( <i>type or print</i> ) Jimmie Johnson, Mgr., Water Production & Quality	B. Area Code and Telephone Number (903) 939-1538
C. Signature 	D. Date Signed 7/29/14

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

MANIFEST SUMMARY BASED ON DELIVERY DATE  
 6/1/2014 thru 8/31/2014

For: TX-HE-00001-0-0010

Printed: 9/11/2014  
 Report Time: 17:10:37  
 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: GALLONS											
8/28/2014	M-82128	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82155	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82156	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82525	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82666	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82667	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82840	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82841	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82842	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/28/2014	M-82843	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5763	6.30	1.4297	WQ0004503000
8/29/2014	M-81836	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5012	6.00	1.3616	WQ0004503000
8/29/2014	M-82157	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5012	6.00	1.3616	WQ0004503000
8/29/2014	M-82672	WESTSIDE WWTP	LIQ	6000.00	RAINWATER TRUCKING	Class B	LandAppl	1.5012	6.00	1.3616	WQ0004503000
***** Unit Totals for GALLONS:				78,000.00				20.2662		18.3814	
Grand Total Loads:		13					Grand Totals:	20.27		18.38	

## Residual Sources Permit Numbers

Application To Site TX-HE-1

Permit No. WQ0004503000

For Period 06/01/14 - 08/31/14

Project Name	Plant Name	Permit No.
TYLER, TX	WESTSIDE WWTP	10653-001

# TEXAS FIELD REPORT

Synagro Field: TX-HE-00001-0-0010

**August 2014**

Permit No.: WQ0004503000  
 Owner: RONNIE VOYLES  
 County: HENDERSON  
 Crop: BERMUDAGRASS, COASTAL;RYEGRASS

Latitude: 32.19'23"  
 Longitude: 95.38'6"  
 Acres: 18.67 (7.56 ha)  
 Rate: 7.25 DT/A  
 Applic. Method: SURFACE APPL.

GALLONS APPLIED:	Month to Date:	78,000.00	Year to Date:	162,000.00
DRY TONS/ACRE APPLIED:	Month to Date:	1.09	Year to Date:	2.07
			Cumulative:	27.65

\*\*\*\*\* 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	30.28	59.80	
P	46.02	80.65	
K	3.71	8.36	
As	0.04 (0.04)	0.09 (0.10)	1.18 (1.32)
Cd	<.01 (<.01)	<.01 (<.01)	0.11 (0.12)
Cr	0.06 (0.07)	0.11 (0.12)	2.63 (2.95)
Cu	0.90 (1.01)	1.81 (2.03)	20.05 (22.46)
Pb	0.09 (0.10)	0.19 (0.21)	4.03 (4.51)
Hg	<.01 (<.01)	<.01 (<.01)	0.08 (0.09)
Mo	0.02 (0.02)	0.05 (0.06)	1.26 (1.41)
Ni	0.04 (0.04)	0.09 (0.10)	1.46 (1.64)
Se	0.05 (0.06)	0.11 (0.12)	0.92 (1.03)
Zn	2.09 (2.34)	4.19 (4.69)	49.36 (55.28)

## DAILY FIELD LOADING SHEET

<u>DATE APPLIED</u>	<u>TYPE</u>	<u>% SOLIDS</u>	<u>AMOUNT</u>	<u>UNIT</u>	<u>DRY TONS</u>
08/28/2014	TYWSL	6.30	60,000.00	GALLONS	15.76
08/29/2014	TYWSL	6.00	18,000.00	GALLONS	4.50
TOTALS:			78,000.00	GALLONS	20.27 DT 18.38 MT

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