



Quarterly Sludge Summary Report Form

(Class B)

- 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 operate other registered/permited sludge land application sites, a form should be submitted for each site.
 Note 4: Please send a copy of this sheet and all attachments to the TCEQ regional office in your area.

For TCEQ Quarter	<u>1st</u>	Reporting period from	<u>Sep. 1, 2013</u>	to	<u>Nov. 30, 2013</u>
PERMIT NO.:	<u>WQ 4830</u>	DATE:	<u>12/13/13</u>		
NAME OF PERMITTEE:	<u>Terra Renewal Services, Inc.</u>				
MAILING ADDRESS:	<u>P.O. Box 399</u> <u>Dardanelle, AR 72834</u>				
Contact Name:	<u>Martus Tilley</u>	Telephone No:	<u>479-668-4035</u>		

Field Number (if any): _____ (Submit separate form for each field, if site has two or more fields)

1. Class B Sewage Sludge Land Applied: _____ 285.93 dry tons / quarter
2. Treated Domestic Septage - Land Applied: _____ 0.00 gallons / quarter
 Method used to treat Domestic Septage: _____ N/A
3. Water Treatment Plant Sludge - Land Applied: _____ 0.00 dry tons / quarter
4. Class A sludge land applied: _____ 0.00 dry tons / quarter
 - a. Acreage used for Sludge Application/disposal at this site: _____ 92.2 acres
 - b. Site Vegetation (such as grass type etc) and # of cuttings: _____ Bermuda Pasture
 - 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 _____
 - d. Site location: Latitude: _____ 32°39', Longitude: _____ 94° 79'
 - e. Site physical address: _____ 600 feet South of the Intersection of FM 2276 and
 _____ FM 349

Sewage Sludge Only - Please attach information regarding the following items:

- * Please note the following information should be provided in computer-generated report format:
 * Please place check mark before each item below to indicate that the item is attached to this report.

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

PLEASE MAIL THE COMPLETED QUARTERLY REPORT TO :

Texas Commission on Environmental Quality
 Municipal Permits Team (MC 148)
 Wastewater Permitting Section
 P.O. Box 13087
 Austin, TX 78711-3087

Field Name: IRON FARM 3
 Landowner:
 Crop: Bermuda Pasture
 Application Dates: 9/25/2013 - 9/26/2013
 Available Acres: 44.70
 Allowable Dry Tons/Acre: 9.48

FIELD REPORT
 Municipal Biosolids Texas - Environmental

Permit No. WQ0004830000
 9/1/2013 - 11/30/2013



Customer	Product	Volume	Units	DryTons	DT/Ac	Path Class			503 Limit*		Loading Rates (lbs/acre)													
						A	B	V	1	3	Total N	P	K	Ar	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn	AIC#
LONGWTP	Sludge	800	YARD	88.24	1.97				N	N	0.05	6.16	3.65	0.0762	0.0069	0.1058	0.0415	0.0719	0.3988	0.0005	0.0209	0.0209	0.160	.622252
Report Totals:		800		88.24	1.97						0.05	6.16	3.6481	0.0762	0.0069	0.1058	0.0415	0.0719	0.3988	0.0005	0.0209	0.0209	0.160	

*Indicates whether the 503 limits for table 1 and 3 have been exceeded.

Field Name: IRON FARM 6
 Landowner:
 Crop: Bermuda Pasture
 Application Dates: 9/3/2013 - 9/24/2013
 Available Acres: 47.50
 Allowable Dry Tons/Acre: 8.43



Customer	Product	Volume	Units	DryTons	DT/Ac	Path Class			503 Limit*		Loading Rates (lbs/acre)													
						A	B	V	1	3	Total N	P	K	Ar	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn	AIC#
LONGVIE	Sludge	945	YARD	153.57	3.23				N	Y	0.46	148.72	9.05	1.7264	0.0159	3.5498	0.7177	0.3653	0.6233	0.0027	0.1364	0.7177	4.856	616578
LONGWTP	Sludge	400	YARD	44.12	0.93				N	N	0.02	2.90	1.72	0.0359	0.0033	0.0498	0.0195	0.0338	0.1876	0.0002	0.0098	0.0098	0.075	622252
Report Totals:		1,345		197.69	4.16						0.49	188.66	11.5913	2.1902	0.0204	4.5018	0.9109	0.4653	0.8030	0.0034	0.1736	0.9102	6.159	

*Indicates whether the 503 limits for table 1 and 3 have been exceeded.

FIELD REPORT

Load Detail - Environmental

Permit No. WQ0004830000

9/1/2013 - 11/30/2013



Field Name: IRON FARM 3 DM-3
Landowner:
Crop: Bermuda Pasture
Application Rate 300 PAN/acre
Available Acres: 44.70

Delivery Date	Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac
9/25/2013	9/25/2013	LONGWTP-City Of Longview-Lake O'P	Sludge	279.29	52.94	1.18
9/26/2013	9/26/2013	LONGWTP-City Of Longview-Lake O'P	Sludge	186.19	35.30	0.79
Report Totals:				465.48	88.24	1.97

FIELD REPORT

Load Detail - Environmental



Field Name: IRON FARM 6 DM-6
Landowner:
Crop: Bermuda Pasture
Application Rate 300 PAN/acre
Available Acres: 47.50

Permit No. WQ0004830000
9/1/2013 - 11/30/2013

Delivery Date	Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac
9/3/2013	9/3/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/3/2013	9/3/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/3/2013	9/3/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/3/2013	9/3/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/3/2013	9/3/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/4/2013	9/4/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/5/2013	9/5/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/5/2013	9/5/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/5/2013	9/5/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/5/2013	9/5/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/5/2013	9/5/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/9/2013	9/9/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/10/2013	9/10/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/10/2013	9/10/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/10/2013	9/10/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/10/2013	9/10/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/11/2013	9/11/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/11/2013	9/11/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/11/2013	9/11/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/11/2013	9/11/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/11/2013	9/11/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/12/2013	9/12/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/12/2013	9/12/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/12/2013	9/12/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/12/2013	9/12/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/16/2013	9/16/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/17/2013	9/17/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/17/2013	9/17/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05

Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac	
9/17/2013	9/17/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/17/2013	9/17/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/17/2013	9/17/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/18/2013	9/18/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/19/2013	9/19/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/23/2013	9/23/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/23/2013	9/23/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/23/2013	9/23/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/23/2013	9/23/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/23/2013	9/23/2013	LONGVIE-City Of Longview Wwtp	Sludge	70.46	2.44	0.05
9/24/2013	9/24/2013	LONGWTP-City Of Longview-Lake O'Pi	Sludge	232.74	44.12	0.93
Report Totals:				4,671.88	197.69	4.16

TCEQ Permit No. WQ0004830000

Cummulative Metals Table

Reporting Period: September 1, 2013 - November 30, 2013

For TCEQ Quarter: 1st

Field: 3

	Ar	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn
Cummulative Metals	0.0372	0.0123	4.4552	0.3143	0.3668	0.3279	0.0051	0.1102	0.0517	5.139

TCEQ Permit No. WQ0004830000

Cummulative Metals Table

Reporting Period: September 1, 2013 - November 30, 2013

For TCEQ Quarter: 1st

Field: 6

	Ar	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn
Cummulative for this quarter	4.0003	0.0886	25.2437	4.3633	4.527	5.5198	0.0458	0.8514	1.7608	38.09



Permit No: WQ0004830000

Facility	Source Permit No.
AQUASHA: Aqua Texas Inc / Shale Creek WWTP	WQ0014186-001
BEAWWTP: Southwest Water Co / Beachwood -Trinidad, TX WWT	WQ0011282-001
CARESTA: Southwest Water Co / Carolyn Estates WTP	PWS1070106
CHEWWTP: Southwest Water Co / Cherokee Shores WWTP	WQ0013879-001
EASCEDA: East Cedar Creek / Mabank, TX WWTP	WQ0011858-001
LAKFORK: Southwest Water Co / Lake Fork Est/Holiday Vlg WWT	WQ0011282001
LAKHARB: Southwest Water Co / Lakeway Harbor WTP	PWS2120064
LOGCABI: City Of Log Cabin, TX / Malakoff WWTP	WQ0014158-001
LONGVIE: City Of Longview Wwtp / WWTP	WQ0010589-002
PINNCLU: Southwest Water Co / Mabank, TX WWTP	WQ0011506-001
SEVERNT: Kaufman Co Fresh Water Supply / District 1a - Forney,	WQ0013910-001



TERRA
renewal

SLUDGE APPLIER'S CERTIFICATION

I certify, under penalty of law, that the requirements to obtain information in 30 TAC §312.42(e) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the requirements to obtain information have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

I certify, under penalty of law, that the site restrictions in §312.82(b)(3) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the site restrictions have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.

VECTOR ATTRACTION REDUCTION CERTIFICATE

I certify, under penalty of law, that the vector attraction reduction requirement in §312.83(b)(10) has been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the vector attraction reduction requirement has been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

CUMULATIVE LOADING CERTIFICATE

I certify, under the penalty of law, that management practices in 30 TAC §312.44 have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Signature Kenneth Swint
Printed Name Kenneth Swint
Title Regal Manager