



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>3rd</u>	Reporting period from	<u>March 1st, 2014</u> to <u>May 31st, 2014</u>
PERMIT NO.:	<u>WQ 4830</u>	DATE:	<u>6/13/2014</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>Marcus 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: 107.97 dry tons / quarter
2. Treated Domestic Septage - Land Applied: 0.0 gallons / quarter
Method used to treat Domestic Septage: N/A
3. Water Treatment Plant Sludge - Land Applied: 0.0 dry tons / quarter
4. Class A sludge land applied : _____ dry tons / quarter
 - a. Acreage used for Sludge Application/disposal at this site: 94.7 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.

1. Metal concentration, pathogen analysis data and vector attraction certifications of sludge for each source.
2. Provide a list containing the name and permit number of each source of sludge.
3. Date of delivery of each load of sludge land applied.
4. Date of land application of each load of sludge.
5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43 (b)"?
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: 3/25/2014 - 4/11/2014
 Available Acres: 44.70
 Allowable Dry Tons/Acre: 9.48

FIELD REPORT
 Municipal Biosolids Texas - Environmental

Permit No. WQ0004830000
 3/1/2014 - 5/31/2014



Customer	Product	Volume	Units	DryTons	DT/Ac	Path Class			503 Limit*		Loading Rates (lbs/acre)													
						A	B	V	1	3	Total N	P	K	As	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn	AIC#
AQUASHA	Sludge	30,000	GAL	1.00	0.02				N	N	0.80	0.71	0.22	0.0002	0.0001	0.0116	0.0009	0.0010	0.0013	0.0000	0.0004	0.0004	0.042	620962
BEAWWTP	Sludge	12,000	GAL	1.65	0.04				N	N	1.15	0.02	0.11	0.0007	0.0000	0.0138	0.0010	0.0006	0.0012	0.0001	0.0004	0.0001	0.022	C43591
CARESTA	Sludge	36,000	GAL	9.46	0.21				N	Y	0.92	0.53	0.42	0.0209	0.0001	0.0333	0.0045	0.0071	0.0073	0.0001	0.0012	0.0010	0.042	st42328
CHEWWTP	Sludge	24,000	GAL	4.40	0.10				N	N	2.84	0.41	0.23	0.0015	0.0001	0.0508	0.0031	0.0014	0.0035	0.0002	0.0011	0.0006	0.055	C36768
LAKFORK	Sludge	12,000	GAL	0.77	0.02				N	N	0.22	0.26	0.07	0.0001	0.0000	0.0407	0.0005	0.0003	0.0003	0.0000	0.0001	0.0001	0.022	C38850
SEVERNT	Sludge	6,000	GAL	1.78	0.04				N	N	0.13	0.21	0.11	0.0002	0.0001	0.0081	0.0002	0.0003	0.0002	0.0000	0.0002	0.0002	0.009	481342
Report Totals:		120,000		19.06	0.43						6.05	4.82	1.8880	0.0160	0.0006	0.2411	0.0124	0.0117	0.0160	0.0004	0.0045	0.0036	0.357	

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

Field Name: IRON FARM 5
 Landowner:
 Crop: Bermuda Pasture
 Application Dates: 3/1/2014 - 5/31/2014
 Available Acres: 50.00
 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	As	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn	AIC#
AQUARES	Sludge	24,000	GAL	2.30	0.05				N	N	1.57	2.35	0.38	0.0001	0.0001	0.0483	0.0010	0.0012	0.0039	0.0000	0.0011	0.0004	0.121	5261993
AQUASHA	Sludge	30,000	GAL	1.00	0.02				N	N	0.71	0.63	0.20	0.0002	0.0001	0.0104	0.0008	0.0009	0.0012	0.0000	0.0004	0.0004	0.037	620962
BEAWWTP	Sludge	30,000	GAL	4.13	0.08				N	N	2.57	0.04	0.26	0.0015	0.0000	0.0309	0.0023	0.0013	0.0027	0.0001	0.0008	0.0002	0.049	C43591
CARESTA	Sludge	84,000	GAL	22.07	0.44				N	Y	1.92	1.10	0.88	0.0437	0.0002	0.0694	0.0094	0.0147	0.0152	0.0002	0.0026	0.0021	0.088	st42328
CHESWTP	Sludge	24,000	GAL	0.90	0.02				N	N	0.27	0.03	0.05	0.0005	0.0000	0.0029	0.0003	0.0004	0.0005	0.0001	0.0001	0.0001	0.003	C26974
CHEWWTP	Sludge	30,000	GAL	5.50	0.11				N	N	3.18	0.46	0.26	0.0017	0.0001	0.0568	0.0034	0.0016	0.0039	0.0002	0.0013	0.0007	0.062	C36768
LAKFORK	Sludge	12,000	GAL	0.77	0.02				N	N	0.19	0.23	0.06	0.0001	0.0000	0.0364	0.0005	0.0003	0.0003	0.0000	0.0001	0.0001	0.020	C38850
LAKHARB	Sludge	6,000	GAL	0.73	0.01				N	N	0.07	0.04	0.02	0.0005	0.0000	0.0010	0.0001	0.0002	0.0002	0.0000	0.0000	0.0000	0.001	C38589
LOGCABI	Sludge	12,000	GAL	1.02	0.02				N	N	0.52	0.64	0.08	0.0002	0.0001	0.0202	0.0017	0.0007	0.0011	0.0000	0.0003	0.0004	0.049	620010
PINNCLU	Sludge	6,000	GAL	0.60	0.01				N	N	0.20	0.10	0.05	0.0000	0.0000	0.0312	0.0006	0.0002	0.0004	0.0000	0.0002	0.0001	0.013	C36769
SEVERNT	Sludge	168,000	GAL	49.90	1.00				N	N	3.17	5.19	2.79	0.0038	0.0017	0.2036	0.0046	0.0065	0.0049	0.0002	0.0038	0.0038	0.220	481342
Report Totals:		426,000		88.91	1.78						14.37	16.94	6.2349	0.0476	0.0029	0.7319	0.0343	0.0338	0.0476	0.0018	0.0140	0.0107	1.092	

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

FIELD REPORT

Load Detail - Environmental



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

Permit No. WQ0004830000
 3/1/2014 - 5/31/2014

Delivery Date	Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac
3/25/2014	3/25/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/25/2014	3/25/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/25/2014	3/25/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/25/2014	3/25/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/26/2014	3/26/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/26/2014	3/26/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.04
3/27/2014	3/27/2014	LAKFORK-Southwest Water Co	Sludge	4.81	0.38	0.01
3/27/2014	3/27/2014	LAKFORK-Southwest Water Co	Sludge	4.81	0.38	0.01
3/29/2014	3/29/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83	0.02
4/1/2014	4/1/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10	0.02
4/1/2014	4/1/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10	0.02
4/1/2014	4/1/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/2/2014	4/2/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/3/2014	4/3/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/3/2014	4/3/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/8/2014	4/8/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83	0.02
4/9/2014	4/9/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10	0.02
4/9/2014	4/9/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10	0.02
4/11/2014	4/11/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/11/2014	4/11/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
Report Totals:				270.61	19.06	0.43

FIELD REPORT

Load Detail - Environmental



TERRA
renewal

Field Name: IRON FARM 5 DM-5
 Landowner:
 Crop: Bermuda Pasture
 Application Rate 300 PAN/acre
 Available Acres: 50.00

Permit No. WQ0004830000
 3/1/2014 - 5/31/2014

Delivery Date	Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac
3/1/2014	3/1/2014	CHESWTP-Southwest Water Co	Sludge	3.32	0.23	0.00
3/1/2014	3/1/2014	CHESWTP-Southwest Water Co	Sludge	3.32	0.23	0.00
3/1/2014	3/1/2014	CHESWTP-Southwest Water Co	Sludge	3.32	0.23	0.00
3/6/2014	3/6/2014	LAKFORK-Southwest Water Co	Sludge	4.81	0.38	0.01
3/6/2014	3/6/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10	0.02
3/6/2014	3/6/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83	0.02
3/8/2014	3/8/2014	LOGCABI-City Of Log Cabin, TX	Sludge	13.08	0.51	0.01
3/10/2014	3/10/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83	0.02
3/11/2014	3/11/2014	LAKHARB-Southwest Water Co	Sludge	3.59	0.73	0.01
3/11/2014	3/11/2014	AQUARES-Aqua Texas Inc	Sludge	19.68	0.58	0.01
3/11/2014	3/11/2014	AQUARES-Aqua Texas Inc	Sludge	19.68	0.58	0.01
3/11/2014	3/11/2014	CHESWTP-Southwest Water Co	Sludge	3.32	0.23	0.00
3/12/2014	3/12/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
3/13/2014	3/13/2014	LOGCABI-City Of Log Cabin, TX	Sludge	13.08	0.51	0.01
3/15/2014	3/15/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
3/18/2014	3/18/2014	PINNCLU-Southwest Water Co	Sludge	9.99	0.60	0.01
3/19/2014	3/19/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/19/2014	3/19/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/19/2014	3/19/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/19/2014	3/19/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/20/2014	3/20/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/20/2014	3/20/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
3/20/2014	3/20/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
3/21/2014	3/21/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
3/22/2014	3/22/2014	AQUASHA-Aqua Texas Inc	Sludge	7.15	0.20	0.00
4/11/2014	4/11/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/12/2014	4/12/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/12/2014	4/12/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/12/2014	4/12/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/12/2014	4/12/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/12/2014	4/12/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/14/2014	4/14/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
4/14/2014	4/14/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
4/15/2014	4/15/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
4/15/2014	4/15/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
4/15/2014	4/15/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58	0.03
4/16/2014	4/16/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/17/2014	4/17/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/18/2014	4/18/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/18/2014	4/18/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/19/2014	4/19/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04
4/19/2014	4/19/2014	SEVERNT-Kaufman Co Fresh Water S	Sludge	5.65	1.78	0.04

Application Date	Customer	Product	PAN	Dry Tons Applied	DT/Ac
4/21/2014	4/21/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
4/25/2014	4/25/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83 0.02
4/25/2014	4/25/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83 0.02
4/26/2014	4/26/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10 0.02
4/26/2014	4/26/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
4/29/2014	4/29/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
4/30/2014	4/30/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58 0.03
4/30/2014	4/30/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58 0.03
4/30/2014	4/30/2014	CARESTA-Southwest Water Co	Sludge	6.86	1.58 0.03
5/1/2014	5/1/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/1/2014	5/1/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/1/2014	5/1/2014	AQUARES-Aqua Texas Inc	Sludge	19.68	0.58 0.01
5/2/2014	5/2/2014	AQUARES-Aqua Texas Inc	Sludge	19.68	0.58 0.01
5/3/2014	5/3/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/3/2014	5/3/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/8/2014	5/8/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10 0.02
5/10/2014	5/10/2014	LAKFORK-Southwest Water Co	Sludge	4.81	0.38 0.01
5/14/2014	5/14/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/14/2014	5/14/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/19/2014	5/19/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/21/2014	5/21/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10 0.02
5/26/2014	5/26/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/27/2014	5/27/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/28/2014	5/28/2014	CHEWWTP-Southwest Water Co	Sludge	31.77	1.10 0.02
5/29/2014	5/29/2014	BEAWWTP-Southwest Water Co	Sludge	25.66	0.83 0.02
5/29/2014	5/29/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/30/2014	5/30/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/30/2014	5/30/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
5/31/2014	5/31/2014	SEVERNT-Kaufman Co Fresh Water Sl	Sludge	5.65	1.78 0.04
Report Totals:				718.67	88.91 1.78

TCEQ Permit No. WQ0004830000

Cummulative Metals Table

Reporting Period: March 1, 2014 - May 31st, 2014

For TCEQ Quarter: 3rd

Field: 3

	As	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn
Cummulative Metals	0.0372	0.0129	4.4552	0.3143	0.3668	0.3279	0.0055	0.1102	0.0517	5.496

TCEQ Permit No. WQ0004830000

Cummulative Metals Table

Reporting Period: March 1, 2014 - May 31st, 2014

For TCEQ Quarter: 3rd

Field: 5

	As	Cd	Cu	Pb	Ni	Cr	Hg	Mo	Se	Zn
Cummulative Metals	0.5621	0.0802	23.1722	4.3521	4.53	3.994	0.0488	0.7007	0.401	37.915



 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