

City of Gonzales Annual Sludge Report

Revised

1. General Information:

- a. **Registration/Permit Number** – 04467
- b. **Report Period** – September 1, 2012 to August 31, 2013
- c. **Land Applier/Operator** – City of Gonzales
- d. **Billing Address** – City of Gonzales
P.O. Drawer 547
Gonzales, Texas 78629
- e. **Contact Name and Telephone #** - Gary Shock (830) 672-3525
- f. **Sludge disposed in dry tons/yr/site** – Field A – 45.5
Field B – 10.8
Field C1 – 16.8
Field C2 – 25.1
- g. **Site Physical Address** – 400 County Road 488, Gonzales County Tx.
- h. **Sources of Sludge** – City of Gonzales Wastewater Plant
TPDES permit Number – 10488-001
- i. **Frequency of monitoring for nutrients, soil analysis, pathogens, metals, PCBs, TCLPs etc. per your registration/permit** - once a year

2. Information regarding the following 3 items:

- i. 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)”? **NO**
- ii. Are the cumulative metal loading rates for any metal equaled or exceeded 90% of the limits listed in Table 2 of “30 TAC 312.43 (b)”? **NO**
- iii. Have you applies sewage sludge to a site where cumulative metal loading rates for any of the metals have been greater than 90% of the limits listed in Table 2 of “30 TAC 312.43 (b)”? **NO**

3. Metal Concentrations:

For Beneficial Land Application: Metal concentrations of the 10 metals are

- | | |
|-------------------------|----------------------------|
| 1. Arsenic – 9.26 mg/kg | 6. Mercury – .835 mg/kg |
| 2. Cadmium – 3.08 mg/kg | 7. Molybdenum – 12.3 mg/kg |
| 3. Chromium – 28 mg/kg | 8. Nickel – 25.3 mg/kg |
| 4. Copper – 406 mg/kg | 9. Selenium – 21.7 mg/kg |
| 5. Lead – 54.2 mg/kg | 10. Zinc – 1090 mg/kg |

4. Pathogen Reduction Requirements:

Requirements for class B sewage sludge have been met by alternative 1 – Density of Fecal Coliform.

5. Vector Attraction Reduction:

Requirements for class B sewage sludge have been met by alternative 1 – The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38 percent.

6. Certification Statement:

For Beneficial Land Application

- a. **Registration/permit number** – 04467
- b. **Reporting Period** – September 1, 2012 to August 31, 2013

I certify under penalty of law, that the Class B pathogen requirements and site restrictions in 30 TAC 312.82 (b), vector attraction reduction requirements in Alternative 4 in 30 TAC 312.82 (b)(1)-(12), and the appropriate management practices in TAC 312.44 have been met for each site on which bulk sewage sludge is applied. Requirements to obtain information per 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 management practices, pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

W/WW Department Head



Gary Shock

7. TLCP: **Completed**

8. Dates of Disposal:

September – Field A – 11 (2 loads),25,28

Field B –

Field C1 –26

Field C2 – 12,13,27

October – Field A – 11(2 loads), 23

Field B –

Field C1 – 25,31(2 loads)

Field C2 –

November – Field A – 8(2 loads),15(2loads),21,30

Field B –

Field C1 –

Field C2 –

December – Field A – 20(2 loads)

Field B-13(2 loads)

Field C1 –

Field C2 –

January – Field A-3,16,17

Field B-

Field C1-

Field C2-16,17

February – Field A – 8(2 loads),13,14,21,26(2 loads)

Field B – 27

Field C1 – 7(2 loads),13,20(2 loads)

Field C2 – 14

March – Field A – 5(3 loads),12

Field B – 7(2 loads)

Field C1-8(2 loads),12,13

Field C2-

April – Field A – 2,9,17(2 loads),24(2 loads)

Field B-16

Field C1 –23

Field C2 –2,10,23

May – Field A – 28

Field B-30

Field C1-
Field C2 -8,16(2 loads),23(2 loads),30

June – Field A- 15
Field B-11,18
Field C1-
Field C2-11

July – Field A –
Field B-
Field C1-
Field C2- 3,24(2 loads)

August – Field A –
Field B-
Field C1-
Field C2 –

One load per day unless specified otherwise.

Cumulative metal loading rates pounds per acre.

	Field A	Field B	Field C1	Field C2
Arsenic-	.0938	.0917	.1535	.0463
Cadmium-	.0312	.0304	.0051	.0154
Chromium-	.2837	.2772	.0464	.1400
Copper-	4.1141	4.0194	.6731	2.080
Lead-	.5492	.5366	.0898	.2710
Mercury-	.0085	.0083	.0014	.0042
Molybdenum-	.1246	.1218	.0204	.0615
Nickel-	.2564	.2505	.0419	.1265
Selenium-	.2199	.2148	.0359	.1085
Zinc-	11.0453	10.7910	1.8066	5.4500

TCEQ

REVISED

Attachment C

Annual 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 note, in addition to the summary form, you need to submit all information as required by 30 TAC 312.48.
Note 3: If you operate other registered/permited sludge land application sites, a form should be submitted for each site.
Note 4: Also send one complete copy of your report and this form to the TCEQ regional office in your area.

For TCEQ Fiscal year ; Reporting period from September 1, 2012 August 31, 2013

PERMIT NO.: 04467 DATE:
NAME OF PERMITTEE: CITY OF GONZALES
MAILING ADDRESS: P.O. Box 547 GONZALES, TX. 78629
CONTACT PERSON: Name: GARY SHOCK Telephone No: 830 672-3525

Field No(if any): C2 (Please submit a separate form for each field).

- 1. Sewage Sludge:
a.. Land Applied: 25.15 dry tons/year
b.. Disposed Via Monofill: dry tons/year
c.. Disposed Via MSW Landfill: dry tons/year
2. Treated Domestic Septage - Land Applied: gallons/year
a.. Method used to treat Domestic Septage:
3. Water Treatment Plant Sludge:
a.. Land Applied: dry tons/year;
b.. Dedicated Land Disposal: dry tons/year
c.. Disposed Via monofill: dry tons/year

Class A sludge land applied: dry tons / year
Acreage used for Sludge Application/disposal at this site: 11.0 acres
Site Vegetation (such as grass type etc) and # of cuttings: COASTAL BERMUDA

Sewage Sludge only - Please provide information regarding the following 3 items:-

- 1. Does any of the sludge you have generated or received NOT MEET the concentration limits for the metals listed in Table 3 of "30 TAC §312.43 (b)"? Yes No
2. Has your field/site reached or exceeded 90% of the cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43 (b)"? Yes No
3. Has sewage sludge been applied to the field/site after 90% of cumulative metal loading rates for any of the metals per Table 2 of " 30 TAC §312.43 (b)" been reached? Yes No

PLEASE MAIL THE COMPLETED ANNUAL REPORT TO :
Texas Commission on Environmental Quality
Municipal Permits Team (MC 148)
Wastewater Permitting Section
P.O. Box 13087
Austin, TX 78711-3087