

TCEQ

Attachment D

### 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>1<sup>st</sup></u> Reporting period from <u>9/13</u> , to, <u>11/13</u>	
PERMIT NO.: <u>WR 0004561000</u>	DATE: <u>12/30/13</u>
NAME OF PERMITTEE: <u>City of Lampasas</u>	
MAILING ADDRESS: <u>312 E 3<sup>rd</sup> Street</u> <u>Lampasas, TX 76550</u>	
CONTACT PERSON: Name: <u>Dean Grant</u>	Telephone No: <u>512-556-3393</u>

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

- Class B Sewage Sludge Land Applied : 66.6 dry tons / quarter
  - Treated Domestic Septage - Land Applied : 0 gallons / quarter
  - Method used to treat Domestic Septage: 0
  - 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:- 48 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Johnson Grass / 1
- 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: \_\_\_\_\_

**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.

- 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 REPORT TO :**

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



1st Quarter 13-14

**Concentrations**

**Table 1**

<b>Pollutant Concentration</b>		
<b>Pollutant</b>	<b>mg/kg (Limit)</b>	<b>mg/kg (Actual)</b>
Arsenic	75	2.47
Cadmium	85	1.01
Chromium	3000	61.6
Copper	4300	452
Lead	840	17.9
Mercury	57	0.471
Molybdenum	75	6.66
Nickel	420	34.4
PCBs	49	0.439
Selenium	100	3.68
Zinc	7500	1950

**Loadings**

**Table 2**

<b>Cumulative Loading Rate (dry lbs / acre)</b>		
<b>Pollutant</b>	<b>Lbs / Acre (Limit)</b>	<b>Lbs / Acre (Actual)</b>
Arsenic	36	0.007
Cadmium	35	0.003
Chromium	2677	0.171
Copper	1339	1.254
Lead	268	0.050
Mercury	15	0.000
Molybdenum	Report Only	0.018
Nickel	375	0.095
PCBs	na	0.000
Selenium	89	0.010
Zinc	2500	5.411

Formula for Conversion

mg/kg \* Tons divided by 1,000,000 times 2000 lbs per ton

lbs divided by acres = lbs/acre

66.6 Dry Tons  
48 acres

## Summary

- All solids disposed of at the Landfill come from one source, the City of Lampasas Wastewater Treatment Facility TCEQ #TX0022454.
- The cumulative loading rate for this quarter was 1.3875 dry tons / acre.
- The recommended agronomic loading rate is not to exceed 6.27 dry tons / acre / year.

## Fecal Coliform Pathogen Reduction

Geometric Mean - 604,000 CFU/g

## Vector Attraction Certification Statement

"I certify under, penalty of law, that the Class B pathogen requirements in 30 TAC §312.82(b) (2) (1) and the vector attraction reduction requirement in §312.83(b)(4) are 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 pathogen requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment"

\_\_\_\_\_  
Dean Grant  
Water/Wastewater Operations Manager,  
City of Lampasas

Date\_\_\_\_\_