



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.
- Note3: If you have more than one permitted site, then fill-out this form for each one of these sites.
- Note4: Please send a copy of this sheet and all the attachment to the local TCEQ regional office.

For TCEQ Quarter <u>4th</u> Reporting period from <u>6/01/14</u> , to, <u>8/31/14</u> PERMIT NO.: <u>04585</u> DATE: <u>5/12/2009</u> NAME OF PERMITTEE: <u>City of Lufkin</u> MAILING ADDRESS: <u>P.O. Box 190</u> <u>Lufkin, TX 75902-0190</u> CONTACT PERSON: Name <u>Debra Cassidy</u> Telephone No: <u>(936) 633-0288</u>
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Field No: 1,2,3 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 174.0933 dry tons / quarter (157.9350 metric tons)
- Treated Domestic Septage – Land Applied: NA gallons / quarter
- Method used to treat Domestic Septage: NA
- Water treatment Plant Sludge – Land Applied: NA dry tons / quarter
- Class A sludge land applied NA dry tons / quarter

- a. Acreage used for Sludge Application/disposal at this site:- 150 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Wheat and Coastal Bermuda 2 cuttings/year & grazing
- 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: N 70°W & S. 40°E , Longitude: N. 13°30’E
- e. Site physical address: Approximately 1.25 miles east of the intersection of State HWY 287 and Farm Road 325, approximately 2.25 miles east of the City of Lufkin in Angelina County, TX.

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 of sludge for 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 REPORT TO :

Texas Commission on Environmental Quality
 Municipal Permits Team (MC 148)
 Wastewater Permitting Section
 P.O. Box 13087
 Austin, TX 78711.3087



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For TCEQ Quarter 4th Reporting period from 6/01/14 , to, 8/31/14

PERMIT NO.: 04585 **DATE:** 5/12/2009

NAME OF PERMITTEE: City of Lufkin

MAILING ADDRESS: P.O. Box 190
Lufkin, TX 75902-0190

CONTACT PERSON: Name Debra Cassidy Telephone No: (936) 633-0288

Field No: 1 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 91.2173 dry tons / quarter (82.7510 metric Tons)
 - Treated Domestic Septage – Land Applied: NA gallons / quarter
 - Method used to treat Domestic Septage: NA
 - Water treatment Plant Sludge – Land Applied: NA dry tons / quarter
 - Class A sludge land applied NA dry tons / quarter
- a. Acreage used for Sludge Application/disposal at this site:- 50.5 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Wheat and Coastal Bermuda 2 cuttings/year & grazing
- 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: N 70°W & S. 40°E, Longitude: N. 13°30'E
- e. Site physical address: Approximately 1.25 miles east of the intersection of State HWY 287 and Farm Road 325, approximately 2.25 miles east of the City of Lufkin in Angelina County, TX.

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 of sludge for 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 REPORT TO :

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For TCEQ Quarter 4th Reporting period from 6/01/14 , to, 8/31/14

PERMIT NO.: 04585 **DATE:** 5/12/2009

NAME OF PERMITTEE: City of Lufkin

MAILING ADDRESS: P.O. Box 190
Lufkin, TX 75902-0190

CONTACT PERSON: Name Debra Cassidy Telephone No: (936) 633-0288

Field No: 2 (Submit separate form for each field, if site has two or more fields)

- Class B Sewage Sludge Land Applied: 82.8760 dry tons / quarter (75.1839 metric Tons)
- Treated Domestic Septage – Land Applied: NA gallons / quarter
- Method used to treat Domestic Septage: NA
- Water treatment Plant Sludge – Land Applied: NA dry tons / quarter
- Class A sludge land applied NA dry tons / quarter

- a. Acreage used for Sludge Application/disposal at this site:- 67.5 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Wheat and Coastal Bermuda 2 cuttings/year & grazing
- 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: N 70°W & S. 40°E , Longitude: N. 13°30'E
- e. Site physical address: Approximately 1.25 miles east of the intersection of State HWY 287 and Farm Road 325, approximately 2.25 miles east of the City of Lufkin in Angelina County, TX.

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 of sludge for 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 REPORT TO :

Texas Commission on Environmental Quality
 Municipal Permits Team (MC 148)
 Wastewater Permitting Section
 P.O. Box 13087
 Austin, TX 78711.3087



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Note 2: Please place this sheet at the top of your Quarterly Sludge Report.

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For TCEQ Quarter 4th Reporting period from 6/01/14 , to, 8/31/14

PERMIT NO.: 04585 **DATE:** 5/12/2009

NAME OF PERMITTEE: City of Lufkin

MAILING ADDRESS: P.O. Box 190
Lufkin, TX 75902-0190

CONTACT PERSON: Name Debra Cassidy Telephone No: (936) 633-0288

Field No: 3 (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: NA gallons / quarter
- Method used to treat Domestic Septage: NA
- Water treatment Plant Sludge – Land Applied: NA dry tons / quarter
- Class A sludge land applied NA dry tons / quarter

- a. Acreage used for Sludge Application/disposal at this site:- 32.0 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Wheat and Coastal Bermuda 2 cuttings/year & grazing
- 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: N 70°W & S. 40°E , Longitude: N. 13°30'E
- e. Site physical address: Approximately 1.25 miles east of the intersection of State HWY 287 and Farm Road 325, approximately 2.25 miles east of the City of Lufkin in Angelina County, TX.

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 of sludge for 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 REPORT TO :

Texas Commission on Environmental Quality
 Municipal Permits Team (MC 148)
 Wastewater Permitting Section
 P.O. Box 13087
 Austin, TX 78711.3087

4th Quarter Sludge Report Summary Sheet

For 2014 Quarterly Report period from June 2014 through August 2014

Sludge Permit Number: 04585 **Date Issued:** May 12, 2009

Name of Permittee: Site Operator -City of Lufkin Hurricane Creek Wastewater Wastewater Treatment Plant ; Permit No. WQ0010214-001.
Land Owner -- Lois Ann McCurry; 2122 Paul Street, Lufkin, Texas 75901

Contact Person: Debra Cassidy -- Director of Water Utility Plant Operations

Phone Number: (936) 633-0288

Mailing Address: P.O. Box 190 Lufkin, Texas 75902-0190

Sludge - Land Applied: 174.0933 dry tons (157.9350 Metric Tons) June 2014 - August 2014

- a) Permit No. 04585: total of 150 usable acres 4th Quarter of June 2014 through August 2014, where 174.0933 dry tons (157.9350 Metric Tons) of sludge were applied (174.0933 tons x 2000 lbs/ton = 348,186.60 lbs) at 2,321.2440 lbs/ac {See enclosed Tables I (a-c)}.
- i) **Site 1 = 91.2173 Dry Tons (82.7510 metric tons) sludge applied to 50.5 acres** from June 01, 2014 through August 31, 2014.
- ii) **Site 2 = 82.8760 dry tons (75.1839 metric tons) sludge applied to 67.5 acres** from June 01, 2014 through August 31, 2014.
- iii) **Site 3 = No sludge applied to 32.0 acres** from June 01, 2014 through August 31, 2014.

Sludge - Disposed via Monofill: N/A

Sludge - Disposed via Landfill: Angelina County Waste Management Center (**Landfill**): TCEQ Permit No. 2105A = **46.5536 Dry Tons (42.233 Metric Tons) disposed of in the Landfill** from June 01, 2014 through August 31, 2014.

Paint Filter Test: 9/4/13; Pass
TCLP: 9/4/13; Pass

Treated Domestic Septage - Land Applied: N/A

Acreage used for Sludge Application / Disposal at this Site: 150 usable acres
a) Site 1 = 50.5 Acres
b) Site 2 = 67.5 Acres
c) Site 3 = 32.0 Acres

Site Vegetation (such as grass type, etc) and # of cuttings: Wheat & Coastal Bermuda ; Year round application. No rotation of crops. The Site is divided into application zones. Each zone receives approximately 8 tons of sludge per acre and is allowed to rest for a period of 14 to 30 months. Grass is harvested as hay and removed from the site before application is resumed on a rested zone. Two cutting per year for Area 1, 2 and 3 were agreed upon. Areas 1, 2, and 3 are used for grazing. The one large permitted Site is listed as 3 areas. Area 1 is comprised of 50.5 acres, Area 2 is 67.5 acres, and Area 3 is 32.0 acres. 91.2173 dry tons (82.7510 metric tons) Sludge was applied to Area 1 from June 01, 2014 – August 31, 2014. 82.8760 dry tons (75.1839 metric tons) sludge was applied to Area 2 from June 01, 2014 – August 31, 2014. Area 3 received no sludge from June 01, 2014 – August 31, 2014.

Frequency of Monitoring / Analysis (Pathogens, Metals, PCB, TCLP):

- a) Toxicity Characteristic Leaching procedure (TCLP) - Annually
- b) PCB's Annually
- c) Sewage Sludge Fecal Coliform - Once/Quarter required
- d) Sewage Sludge 503 Regulation Metals - Once/Quarter required

TCLP Pass / Fail Status: Passed during 2013 (Tested 9/4/13)

Please provide information regarding the following 3 items (Sewage Sludge Only):

- 1) **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 _____ or NO X _____
- 2) **Has your 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 _____ or NO X _____
- 3) **Have you applied sewage sludge to a site after 90% of cumulative metal loading rates for any of the metals have been reached per in Table 2 of "30 TAC 312.43 (b)" ?**
Yes _____ or NO X _____

City of Lufkin

**4th Quarterly Sludge Disposal Report
June 2014 through August 2014**

**Hurricane Creek Wastewater Treatment Plant
Permit No. WQ0010214-001**

Lois Ann

McCurry's Site Permit No. 04585

Page 13 – XI(B). Reporting Requirements

- 1) **Results of tests performed for pollutants found in sludge permit Table 3 (pg3) as appropriate for our land application practices.**
 - a) For analytical data, please refer to the enclosed Table III
- 2) **The frequency of monitoring listed in permit section IX & XII**
 - a) Toxicity Characteristic Leaching Procedure - annually
 - b) PCBs – annually
 - c) Sewage Sludge Fecal Coliform - Once/Quarter required
 - d) Sewage Sludge 503 regulation Metals - Once/Quarter
 - e) Soil Nutrients – Once per Year
 - f) Soil Metals – Once per 5 Years
- 3) **Toxicity Characteristic Leaching Procedure (TCLP) Results:**
 - a) Passed during 2013 (Tested 9/4/13)
- 4) **Identity of Hauler(s) (Land Applier/Operator) and TCEQ transporter number**
 - a) City of Lufkin – Hurricane Creek WWTP; # 21494
 - b) Sludge Permit No; 04585 (McCurry) (Sites, #1, #2, #3)
 - c) Angelina County Waste Management Center (Landfill)
- 5) **Source of Sludge**
 - a) Hurricane Creek WWTP; FM 324 South, Lufkin, Texas 75902
 - b) TCEQ Permit No. WQ0010214-001 (Site Permit No. 04585)
 - c) Billing Address: P.O. Box 190, Lufkin, Texas 75901

6) PCB concentration in sludge in mg/kg.

- a) Anaerobic sludge : < Detection Limit during 2014 sludge year.

7) Date(s) of Disposal (Delivery and Land Application)

- a) Continuous

8) Owner of Disposal Site(s)

Lois Ann McCurry; (Categorized as Sites #1, #2, & #3)

2122 Paul Street

Lufkin, Texas 75901

Current Permit No. 04585

Location: This site is located in Angelina County, Texas, on County Road 155 approximately 1.25 miles east of the intersection of Farm-to-Market Road and State Highway Loop 287.

Angelina County Waste Management Center(ACWMC)(Landfill)

Chuck Brooks – Landfill Manager

P.O. Box 1862

Lufkin, Texas 75902-1862

TCEQ Permit # 2105A

Location: This Site is located in Angelina County, Texas, on Farm to Market Road 58, approximately 4.5 miles South of Loop 287

9) Texas Commission on Environmental Quality Permit Number

- a) # 710263 (McCurry) ; Permit No. 04585
ACWMC (Landfill) – Permit No. 2105A

10) Amount of Sludge Dry weight (lbs/ac) at each disposal site

- a) Permit No. 04585: total of 150 usable acres 4th Quarter of June 01, 2014 through August 31, 2014, where 174.0933 dry tons (157.9350 Metric Tons) of sludge was applied (174.0933 tons x 2000 lbs/ton = 348,186.60 lbs) at 2,321.2440 lbs/ac {See enclosed Table I (a), I (b), & I (c)}.
- i) **Site 1** = 91.2173 Dry Tons (82.7510 Metric Tons) of sludge applied to **50.5 acres** from June 01, 2014 through August 31, 2014.
- ii) **Site 2** = 82.8760 Dry Tons (75.1839 Metric Tons) of Sludge applied to **67.5 acres** from June 01, 2014 through August 31, 2014.
- iii) **Site 3** = No Sludge applied to **32.0 acres** from June 01, 2014 through August 31, 2014.
- b) Angelina County Waste Management Center (Landfill): TCEQ Permit No. 2105A = 46.5536 Dry Tons (42.233 Metric Tons) disposed of in the Landfill from June 01, 2014 through August 31, 2014.

11) The concentration (mg/kg) in the sludge of each pollutant listed in sludge permit Table 1 (pg 2) (defined as monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 (pg3)

- a) See enclosed Table III for monthly averages in mg/kg with the applicable Pollutant concentration criteria (mg/kg) from Table 3.

12) Level of Pathogen Reduction achieved (Class A or Class B)

- a) See enclosed Table VI

13) Alternative used as listed in permit Section VII A2.-Pathogen Control:

- a) Alternative # 1
- b) A mixture of domestic and industrial waste is passed through a bar screen channel and pumped to the pre-aeration basin. Grease is removed and the flow enters the primary clarifier. Settled sludge is pumped to a cyclone/clarifier grit removal and then a gravity thickener unit. This thickened sludge is pumped into the sludge holding tank.

Secondary sludge is thickened by a Belt Thickener unit. The sludge is pumped to the holding tank where it combines with the primary sludge. It is pumped from the holding tank to the Anaerobic Digesters. The secondary sludge has the largest volume in the holding tank.

The Anaerobic Digesters are maintained for 18 days at approximately 94 - 104 ° F.

14) Vector Attraction Reduction alternative used as listed in permit Section VIII A

- a) Alternative # 10
- b) The Anaerobic Digested sludge is de-watered using a Belt Press to approximately 16% solids. The dried sludge is then land applied at the approved permitted site by spreading it with a dozier and tractor and it is disked into the soil within 6 hours of application. Some sludge is also disposed of at the Angelina County Waste Management Center (**Landfill**).

15) 4th Quarter Sludge production in dry tons June 01, 2014 – August 31, 2014

- a) 220.6469 Dry tons (200.1677 Metric Tons) of sludge produced.
{See enclosed Table I (c) and the WWTP Sludge Haul sheets}.

16) Amount of sludge Land Applied in Dry Tons 4th Quarter June 01, 2014 – August 31, 2014

- a) 174.0933 dry tons (157.9350 Metric Tons) of sludge land applied at McCurry's {see enclosed Table I (a-b)}.
- i) **Site 1** = 91.2173 Dry Tons (82.7510 Metric Tons) sludge applied to **50.5 acres** from June 01, 2014 through August 31, 2014.
- ii) **Site 2** = 82.8760 Dry Tons (75.1839 Metric Tons) Sludge applied to **67.5 acres** from June 01, 2014 through August 31, 2014.
- iii) **Site 3** = No Sludge applied to **32.0 acres** from June 01, 2014 through August 31, 2014.
- b) Angelina County Waste management Center (**Landfill**): TCEQ Permit No. 2105A = **46.5536 Dry Tons (42.233 Metric Tons) of sludge disposed of in the Landfill** from June 01, 2014 through August 31, 2014.

17) Sludge Management practices

- a) The site operators are instructed in the proper application procedures as listed in the 30 TAC 312.44.

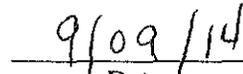
18) **The required certification statements**

For Obtaining Information – Metals (30 TAC 312.47(a)(5)(B)(vi)):

A 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 met 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 fine and imprisonment.



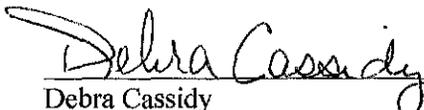
Debra Cassidy
Director of Water Utility Plant Operations



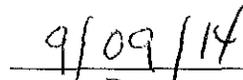
Date

For Management Practices (30 TAC 312.47(a)(5)(B)(viii)):

“I certify, under penalty of law, that the management practices in 30 TAC §312.44 have been met for each site on which bulk sewage sludge is applied. This determination has been met 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 fine and imprisonment.



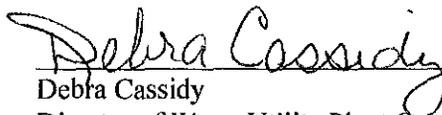
Debra Cassidy
Director of Water Utility Plant Operations



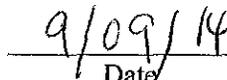
Date

For Site Restrictions (30 TAC 312.47(a)(5)(B)(x)):

“I certify, under penalty of law, that the site restrictions in 30 TAC §312.44 have been met for each site on which bulk sewage sludge is applied. This determination has been met 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 fine and imprisonment.



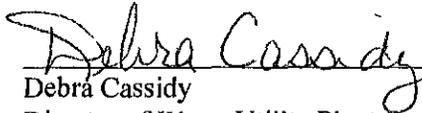
Debra Cassidy
Director of Water Utility Plant Operations

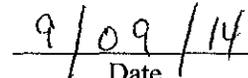


Date

For Pathogen Reduction (30 TAC 312.47(a)(5)(B)(x)):

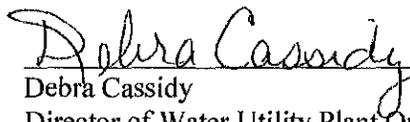
"I certify, under penalty of law, that the site restrictions in 30 TAC §312.82(b)(3) have been met. This determination has been met under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the site restrictions have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.

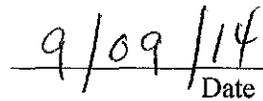

Debra Cassidy
Director of Water Utility Plant Operations


Date

For Vector Attraction Reduction (30TAC 312.47(a)(5)(B)(xii))

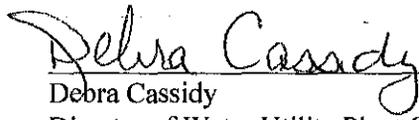
A I certify, under penalty of law, that the vector attraction reduction requirement in 312.83(b)(10) has been met. This determination has been met under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information 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.©

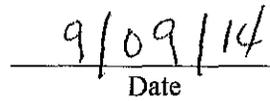

Debra Cassidy
Director of Water Utility Plant Operations


Date

For Sludge Disposal in a Municipal Solid Waste Landfill (30 TAC Chapter 330)

I certify that the sewage sludge disposed of in the Angelina County Waste management Center Landfill meets the requirements of 30 TAC Chapter 330 concerning the quality of sludge disposed in a municipal solid waste landfill.


Debra Cassidy
Director of Water Utility Plant Operations


Date

Respectfully,


Debra Cassidy
Director of Water Utility Plant Operations

TCEQ Tables For The Fourth Quarterly Sludge Report; June 01, 2014 - August 31, 2014

TABLE I (a)

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE FOR 06/01/14 to 08/31/14

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
June 2014	82.876	75.184	75183.932	165752	1105.013
July 2014	48.685	44.167	44166.704	97371	649.139
Aug 2014	42.532	38.584	38584.337	85064	567.092
TOTAL	174.0933	157.9350	157934.9729	348186.6000	2321.2440

CALCULATIONS:

Tons Hauled x 2000 lbs/ton x 1 Metric Ton / 2204.62 lbs = Metric Tons

Metric Tons x 1000 = Kilograms of sludge applied

Tons Hauled x 2000 lbs/ ton = pounds of sludge applied

*Pounds sludge / 150 usable acres = lbs / ac sludge

Table 1 (b)

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE # 1 June 2014 Through August 2014

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
June 2014	0.000	0.000	0.000	0.000	0.000
July 2014	48.685	44.167	44166.704	97370.800	1928.135
Aug 2014	42.532	38.584	38584.337	85063.800	1684.432
TOTAL	91.2173	82.7510	82751.0410	182434.600	3612.5663

No Sludge Land Applied to McCurry's Site # 1 (50.5 Acres) during June 2014.

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE # 2 June 2014 Through August 2014

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
June 2014	82.876	75.184	75183.932	165752.000	2455.585
July 2014	0.000	0.000	0.000	0.000	0.000
Aug 2014	0.000	0.000	0.000	0.000	0.000
TOTAL	82.8760	75.1839	75183.9319	165752.000	2455.5852

No Sludge was Land Applied to McCurry's Site # 2 (67.5 Acres) during July 2014 - August 2014.

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE # 3 June 2014 Through August 2014

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
June 2014	0.000	0.000	0.000	0.000	0.000
July 2014	0.000	0.000	0.000	0.000	0.000
Aug 2014	0.000	0.000	0.000	0.000	0.000
TOTAL	0.0000	0.0000	0.0000	0.000	0.0000

No Sludge was Land Applied to McCurry's Site # 3 (32.0 Acres) during June 2014 - August 2014.

AMOUNT OF SLUDGE APPLIED TO ANGELINA COUNTY LANDFILL June 2014 Through August 2014

DATE	TONS	MET.TON	KG	POUNDS
June 2014	13.732	12.457	12457.113	27463.200
July 2014	24.019	21.790	21789.605	48037.800
Aug 2014	8.803	7.986	7986.047	17606.200
TOTAL	46.5536	42.233	42232.766	93107.200

Table 1 (c)

Total Sludge Produced

DATE	TONS	MET.TON
June 2014	96.608	87.641
July 2014	72.704	65.956
Aug 2014	51.335	46.570
TOTAL	220.6469	200.1677

Sludge Disposal

DATE	SITE # 1		SITE # 2		SITE # 3		LANDFILL	
	TONS	MET.TON	TONS	MET.TON	TONS	MET.TON	TONS	MET.TON
June 2014	0.000	0.000	82.876	75.184	0.000	0.000	13.732	12.457
July 2014	48.685	44.167	0.000	0.000	0.000	0.000	24.019	21.790
Aug 2014	42.532	38.584	0.000	0.000	0.000	0.000	8.803	7.986
TOTAL	91.217	82.751	82.876	75.184	0.000	0.000	46.554	42.233

*No Sludge was Land Applied to McCurry's Site #3 in June 2014 - August 2014.

Table II

CUMULATIVE LOADINGS PER METAL AT McCURRY'S June 01, 2014 Through August 31, 2014

DATE	As mg/kg	As kg/ha	As lb/ac	Cd mg/kg	Cd kg/ha	Cd lb/ac	Cu mg/kg	Cu kg/ha	Cu lb/ac
6/30/14	4.08	0.010615	0.009553	3.74	0.009730	0.008757	622.40	1.619308	1.457377
7/30/14	3.18	0.008273	0.007446	1.91	0.004969	0.004472	576.40	1.499629	1.349666
TOTAL	7.26	0.018888	0.017000	5.65	0.014700	0.013230	1198.80	3.118936	2.807043
Max. Load Rate per 365 Day Period	2.0	1.8		1.9	1.7		75	67	
Table 2 : Cumulative Load Limits	41	36		39	35		1500	1339	
Table 1 Daily Max:	75		85				4300		

*Pressed Sludge

Calculations:

$$\text{mg/kg} \times \text{MT} \times 1000 / 1000000 \times (2.471 / 150) = \text{kg/ha}$$

$$\text{kg/ha} \times 0.9 = \text{lb/ac}$$

McCurry's = 150 usable acres

TABLE II (cont.)

CUMULATIVE LOADINGS PER METAL AT McCURRY'S June 01, 2014 Through August 31, 2014

DATE	Pb mg/kg	Pb kg/ha	Pb lb/ac	Hg mg/kg	Hg kg/ha	Hg lb/ac	Mo mg/kg	Mo kg/ha	Mo lb/ac
6/30/14	48.64	0.126547	0.113893	0.561	0.001460	0.001314	8.50	0.022115	0.019903
7/30/14	42.99	0.111848	0.100663	0.376	0.000978	0.000880	7.01	0.018238	0.016414
TOTAL	91.63	0.238395	0.214556	0.937	0.002438	0.002194	15.51	0.040353	0.036317
Max. Load Rate per 365 Day Period	15	13		0.85	0.76		Report	Report	
Table 2 : Cumulative Load Limits	300	268		17	15				Report
Table 1 Daily Max:	840		57				75		

TABLE II (cont.)

CUMULATIVE LOADINGS PER METAL AT McCURRY'S June 01, 2014 Through August 31, 2014

DATE	Ni mg/kg	Ni kg/ha	Ni lb/ac	Se mg/kg	Se kg/ha	Se lb/ac	Zn mg/kg	Zn kg/ha	Zn lb/ac
6/30/14	38.10	0.099125	0.089213	6.46	0.016807	0.015126	938.80	2.442490	2.198241
7/30/14	26.43	0.068763	0.061887	7.01	0.018238	0.016414	894.90	2.328275	2.095448
TOTAL	64.53	0.167889	0.151100	13.47	0.035045	0.031541	1833.70	4.770766	4.293689
Max. Load Rate per 365 Day Period		21	18.7		5.0	4.5		140	125
Table 2 : Cumulative Load Limits		420	375		100	89		2800	2500
Table 1 Daily Max:	420			100			7500		

Table II (cont.)

CUMULATIVE LOADINGS PER METAL AT McCURRY'S June 01, 2014 Through August 31, 2014

DATE	Cr mg/kg	Cr kg/ha	Cr lb/ac	K mg/kg	K kg/ha	K lb/ac
6/30/14	33.67	0.087600	0.078840	2112.00	5.494823	4.945341
7/30/14	229.30	0.596573	0.536916	4013.00	10.440684	9.396616
TOTAL	262.97	0.684173	0.615756	6125.00	15.935507	14.341956
Max. Load Rate per 365 Day Period			134			
Table 2 : Cumulative Load Limits		3000	2677			
Table 1 Daily Max:	3000					

TABLE III

Monthly Average Metal Concentrations in mg/kg Dry Weight Basis June 2014 to August 2014

DATE	As mg/kg	Cd mg/kg	Cu mg/kg	Pb mg/kg	Hg mg/kg	Mo mg/kg	Ni mg/kg
6/30/14	4.08	3.74	622.40	48.64	0.561	8.50	38.10
7/30/14	3.18	1.91	576.40	42.99	0.376	7.01	26.43
Average	3.63	2.83	599.40	45.82	0.469	7.76	32.27

Table 3 Avg. Limit	41	39	1500	300	17	Report	420
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Monthly Average Metal Concentrations in mg/kg Dry Weight Basis June 2014 to August 2014

DATE	Se mg/kg	Zn mg/kg	Cr mg/kg	K mg/kg
6/30/14	6.46	938.80	33.67	2112.00
7/30/14	7.01	894.90	229.30	4013.00
Average	6.74	916.85	131.49	3062.50

Table 3 Avg. Limit	36	2800	1200	
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Table IV : Amount of Sludge Applied to McCurry's Site (Cumulative Pollutant Loading)

YEAR	As lb/ac	As kg/ha	Cd lb/ac	Cd kg/ha	Cu lb/ac	Cu kg/ha	Pb lb/ac	Pb kg/ha	Hg lb/ac	Hg kg/ha
1991			0.065000	0.072000	9.589000	10.654000	1.800000	2.000000		
1992			0.079000	0.088000	9.180000	10.200000	0.810000	0.900000		
1993			0.064000	0.071000	7.397000	8.219000	0.064000	0.071000		
1994			0.388000	0.431000	10.074000	11.193000	8.048000	8.942000		
1995	0.013000	0.014000	0.038000	0.042000	0.826000	0.918000	0.869000	0.966000	0.009000	0.010000
1996	0.235000	0.261000	0.029000	0.032000	5.291000	5.879000	0.399000	0.443000	0.099000	0.110000
1997	0.028000	0.312000	0.019000	0.021000	3.387000	3.764000	0.433000	0.481000	0.012000	0.013000
Jan-Jun 98	0.001000	0.001000	0.003000	0.004000	0.428000	0.476000	0.066000	0.074000	0.000000	0.000000
JUL98-JUN99	0.051202	0.056891	0.033856	0.037618	7.683394	8.537104	0.790244	0.878049	0.017899	0.019887
JUL99-JUN00	0.023376	0.025973	0.022931	0.025478	5.668109	6.297899	0.447680	0.497422	0.012561	0.013957
JUL00-JUL01	0.131541	0.146156	0.113868	0.126520	19.315457	21.461619	1.548317	1.720352	0.055598	0.061776
AUG01-JUL02	0.113913	0.126570	0.116110	0.129011	20.601277	22.890307	1.520878	1.689864	0.056259	0.062510
AUG02-JUL03	0.084411	0.093790	0.051428	0.057142	14.289136	15.876818	0.895870	0.995411	0.022363	0.024847
AUG03-OCT03	0.011606	0.012896	0.009088	0.010098	1.777216	1.974684	0.087581	0.097312	0.002123	0.002359
NOV03-JAN04	0.010046	0.011162	0.008027	0.008919	2.375948	2.639942	0.267694	0.297438	0.003582	0.003980
FEB04-APR04	0.019915	0.022128	0.001825	0.002028	0.516150	0.573500	0.048813	0.054237	0.000391	0.000434
MAY04-JUL04	0.001988	0.002209	0.001886	0.002095	0.254783	0.283092	0.030669	0.034076	0.000310	0.000345
AUG04-OCT04	0.010212	0.011347	0.010760	0.011956	1.984441	2.204935	0.202904	0.225449	0.003597	0.003997
NOV04-JAN05	0.002395	0.002661	0.003612	0.004014	0.454573	0.505082	0.068348	0.075943	0.001404	0.001560
FEB06-APR05	0.002547	0.002830	0.001893	0.002103	0.459596	0.510662	0.049765	0.055295	0.000641	0.000712
MAY06-JUL05	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
AUG05-OCT05	0.007993	0.008881	0.012607	0.014008	1.285427	1.428252	0.130186	0.144651	0.002084	0.002316
NOV05-JAN06	0.006189	0.006877	0.005361	0.005957	1.409992	1.566658	0.089350	0.099278	0.003596	0.003995
FEB06-APR06	0.008838	0.009820	0.003082	0.003424	0.952849	1.058721	0.110693	0.122993	0.000441	0.000490
MAY06-JUL06	0.004566	0.005073	0.002910	0.003233	0.793952	0.882168	0.100134	0.111260	0.001842	0.002046
AUG06-OCT06	0.001124	0.001249	0.001059	0.001177	0.288344	0.320383	0.034156	0.037951	0.000641	0.000712
NOV06-JAN07	0.004429	0.004922	0.002637	0.00293	1.105665	1.226517	0.074049	0.082277	0.001826	0.002029
FEB07-APR07	0.002788	0.003098	0.005303	0.005892	0.744121	0.826801	0.135481	0.150535	0.002669	0.002965
MAY07-JUL07	0.007149	0.007943	0.003847	0.004275	2.298084	2.553426	0.185354	0.205949	0.002028	0.002253
AUG07-OCT07	0.005428	0.006031	0.016365	0.018184	2.131228	2.368032	0.105625	0.117362	0.00181	0.002011
NOV07-JAN08	0.003361	0.003734	0.003361	0.003734	1.467509	1.630565	0.113141	0.125712	0.002149	0.002388
FEB08-APR08	0.003554	0.003949	0.002695	0.002994	0.182389	0.202655	0.056600	0.062888	0.001765	0.001961
May08-Jul08	0.007101	0.007890	0.006534	0.007260	1.200096	1.333441	0.082124	0.091249	0.002786	0.003095
AUG08-NOV08	0.014595	0.016217	0.009524	0.010582	3.114644	3.460715	0.158306	0.175896	0.004229	0.004699
DEC08-FEB09	0.003105	0.003449	0.001136	0.001262	0.389574	0.432860	0.022770	0.025300	0.000048	0.000054
MAR09-MAY09	0.001747	0.001941	0.001155	0.001284	0.278819	0.309799	0.019203	0.021336	0.000111	0.000123
JUN09-AUG09	0.000239	0.000266	0.000239	0.000266	0.078154	0.086838	0.007184	0.007982	0.000239	0.000266
SEP09-NOV09	0.004810	0.005344	0.004441	0.004934	0.848246	0.942496	0.061859	0.068733	0.002483	0.002759
DEC09-FEB10	0.002074	0.002304	0.001154	0.001282	0.233875	0.259862	0.016936	0.018818	0.000539	0.000599
MAR10-MAY10	0.004564	0.005072	0.001071	0.001190	0.373346	0.414829	0.031699	0.035221	0.000559	0.000622
JUN10-AUG10	0.014286	0.015873	0.010315	0.011461	1.397121	1.552357	0.016518	0.018354	0.001668	0.001854
SEP10-NOV10	0.003525	0.003917	0.000709	0.000788	1.169732	1.299702	0.059905	0.066561	0.001836	0.002039
DEC10-FEB11	0.000367	0.000408	0.000367	0.000408	0.113542	0.126157	0.007875	0.008751	0.000087	0.000097
MAR11-MAY11	0.001060	0.001177	0.000212	0.000235	0.314345	0.349272	0.018903	0.021004	0.000344	0.000382
JUN11-AUG11	0.008261	0.009179	0.007848	0.008720	1.701805	1.890894	0.092938	0.103265	0.001900	0.002111
SEP11-NOV11	0.004869	0.005410	0.003455	0.003839	0.873229	0.970255	0.048530	0.053922	0.000440	0.000489
DEC11-FEB12	0.001254	0.001393	0.000896	0.000995	0.137941	0.153268	0.008778	0.009753	0.000061	0.000068
MAR12-MAY12	0.005336	0.005929	0.001488	0.001653	0.247304	0.274782	0.025295	0.028105	0.000048	0.000053
JUN12-AUG12	0.003890	0.004322	0.004141	0.004601	0.530764	0.589738	0.057970	0.064411	0.000095	0.000106
SEP12-NOV12	0.006175	0.006861	0.005037	0.005597	0.874199	0.971332	0.082545	0.091717	0.007007	0.007785
DEC12-FEB13	0.000447	0.000497	0.000478	0.000531	0.084853	0.094282	0.007297	0.008108	0.000165	0.000183
MAR13-MAY13	0.000410	0.000456	0.000957	0.001063	0.365939	0.406599	0.218680	0.024297	0.000506	0.000563
JUN13-AUG13	0.017000	0.018888	0.013230	0.014700	2.807043	3.118936	0.214556	0.238395	0.002194	0.002438
SEP13-NOV13	0.002385	0.002650	0.002385	0.002650	0.790953	0.087884	0.063375	0.070416	0.001896	0.002107
DEC13-FEB14	0.000960	0.001066	0.001150	0.001278	0.155356	0.172618	0.011028	0.012253	0.000159	0.000177
MAR14-MAY14	0.001388	0.001542	0.001114	0.001237	0.183446	0.203829	0.014730	0.016366	0.000198	0.000219
JUN14-AUG14	0.017000	0.018888	0.013230	0.014700	2.807043	3.118936	0.214556	0.238395	0.002194	0.002438
TOTAL	0.922419	1.305129	1.211777	1.346306	155.283009	171.746503	21.146092	23.277312	0.349371	0.387856
Table 2 Limits	36	41	35	39	1339	1500	268	300	15	17

Table IV : Amount of Sludge Applied to McCurry's Site Cumulative Pollutant Loading) (Continued)

YEAR	Mo lb/ac	Mo kg/ha	Ni lb/ac	Ni kg/ha	Se lb/ac	Se kg/ha	Zn lb/ac	Zn kg/ha	Cr lb/ac	Cr kg/ha
1991			0.450000	0.500000			12.800000	14.222000		
1992			0.810000	0.900000			14.100000	15.667000		
1993			0.638000	0.709000			11.400000	12.667000		
1994			1.937000	2.152000			13.200000	14.667000		
1995	0.076000	0.085000	0.372000	0.413000	0.013000	0.014000	13.058000	14.509000	0.203729	0.226365
1996	0.110000	0.122000	0.170000	0.189000	0.100000	0.111000	4.148000	4.609000	0.423990	0.471100
1997	0.168000	0.187000	0.183000	0.204000	1.728000	1.921000	4.132000	4.591000	0.493703	0.548559
Jan-Jun 98	0.028000	0.032000	0.010000	0.011000	0.000000	0.000000	0.535000	0.594000	0.044000	0.049000
JUL98-JUN99	0.205657	0.228507	0.277778	0.308643	0.036461	0.040512	10.740035	11.933373	0.595948	0.662165
JUL99-JUN00	0.119933	0.133259	0.176649	0.196277	0.018035	0.020039	7.989585	8.877317	0.375631	0.417367
JUL00-JUL01	0.481136	0.534595	0.741596	0.823996	0.065950	0.073278	31.176879	34.640977	1.225281	1.361424
AUG01-JUL02	1.156241	1.284712	0.620139	0.689044	0.070328	0.078143	31.436901	34.929890	1.241133	1.379037
AUG02-JUL03	0.707611	0.786235	0.488508	0.542787	0.036751	0.040835	19.959940	22.177711	0.928786	1.031984
AUG03-OCT03	0.162356	0.180396	0.102979	0.114422	0.006394	0.007104	2.955591	3.283990	0.120028	0.133364
NOV03-JAN04	0.129497	0.143886	0.146503	0.162781	0.005851	0.006501	3.737094	4.152327	0.210870	0.234300
FEB04-APR04	0.033105	0.036784	0.032836	0.036484	0.011936	0.013262	0.578743	0.643048	0.040079	0.044532
MAY04-JUL04	0.009432	0.010480	0.032387	0.035985	0.000981	0.001090	0.442039	0.491154	0.022735	0.025262
AUG04-OCT04	0.067675	0.075195	0.174424	0.093804	0.010862	0.012069	3.777410	4.197123	0.206433	0.229370
NOV04-JAN05	0.015829	0.017588	0.058120	0.064578	0.001388	0.001542	0.776833	0.863148	0.053088	0.058986
FEB05-APR05	0.013856	0.015396	0.046252	0.051391	0.001571	0.001746	0.887967	0.986630	0.035226	0.039140
MAY05-JUL05	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
AUG05-OCT05	0.067359	0.074844	0.117648	0.130720	0.006712	0.007458	2.978956	3.309951	0.088199	0.097999
NOV05-JAN06	0.050995	0.056661	0.130321	0.144801	0.004468	0.004964	2.963816	3.293129	0.128577	0.142864
FEB06-APR06	0.043038	0.047820	0.060926	0.067695	0.006341	0.007045	2.550377	2.833752	0.108745	0.120828
MAY06-JUL06	0.051692	0.057436	0.038382	0.042647	0.003869	0.004299	1.680763	1.867514	0.089610	0.099566
AUG06-OCT06	0.009340	0.010378	0.017159	0.019066	0.001059	0.001177	0.418126	0.464585	0.018246	0.020273
NOV06-JAN07	0.023331	0.025923	0.047506	0.052785	0.003652	0.004057	1.673714	1.859682	0.104649	0.116277
FEB07-APR07	0.019159	0.021288	0.073215	0.08135	0.003541	0.003934	1.247044	1.385605	0.043621	0.048468
MAY07-JUL07	0.045494	0.050549	0.56152	0.062391	0.003847	0.004275	3.444526	3.827251	0.078509	0.087232
AUG07-OCT07	0.069258	0.076954	0.099208	0.110231	0.004546	0.005051	3.291772	3.657524	0.095464	0.106071
NOV07-JAN08	0.020127	0.022363	0.064680	0.071866	0.003361	0.003734	2.440637	2.711819	0.068783	0.076426
FEB08-APR08	0.011038	0.012264	0.044009	0.048899	0.001942	0.002157	0.828401	0.920446	0.026829	0.029810
MAY08-JUL08	0.021824	0.024249	0.068966	0.076629	0.007101	0.007890	2.046289	2.273655	0.077813	0.086459
AUG08-NOV08	0.023885	0.026539	0.113517	0.126130	0.014930	0.016589	3.897166	4.330184	0.281862	0.313180
DEC08-FEB09	0.006765	0.007516	0.010026	0.011140	0.001619	0.001799	0.576207	0.640230	0.028448	0.031609
MAR09-MAY09	0.005750	0.006389	0.015189	0.016876	0.002050	0.002278	0.436129	0.484588	0.012314	0.013682
JUN09-AUG09	0.001439	0.001599	0.001872	0.002080	0.000239	0.000266	0.113639	0.126265	0.001959	0.002177
SEP09-NOV09	0.013334	0.014815	0.028894	0.032104	0.010739	0.011932	1.237189	1.374654	0.027037	0.030041
DEC09-FEB10	0.003687	0.004097	0.010138	0.011265	0.003227	0.003586	0.313390	0.348212	0.011175	0.012417
MAR10-MAY10	0.008863	0.009848	0.023368	0.025965	0.002954	0.003283	0.615148	0.683498	0.017194	0.019104
JUN10-AUG10	0.034141	0.037934	0.082568	0.091742	0.036514	0.040571	2.373179	2.636866	0.063512	0.070569
SEP10-NOV10	0.003525	0.003917	0.034520	0.038356	0.002899	0.003221	1.832190	2.035767	0.007759	0.008621
DEC10-FEB11	0.001466	0.001628	0.003968	0.004409	0.000976	0.001085	0.162984	0.181094	0.003236	0.003596
MAR11-MAY11	0.006372	0.007080	0.009558	0.010620	0.002546	0.002829	0.571299	0.634776	0.007219	0.008021
JUN11-AUG11	0.031186	0.034651	0.070220	0.078022	0.019414	0.021571	2.994681	3.327424	0.041926	0.046584
SEP11-NOV11	0.013664	0.015182	0.033139	0.036821	0.006910	0.007678	1.201475	1.334972	0.019161	0.021290
DEC11-FEB12	0.003560	0.003956	0.005195	0.005772	0.000941	0.001045	0.189445	0.210495	0.003717	0.004130
MAR12-MAY12	0.004618	0.005131	0.012211	0.013568	0.004720	0.005245	0.415081	0.461201	0.009184	0.010205
JUN12-AUG12	0.007905	0.008783	0.028107	0.031230	0.008156	0.009062	0.924759	1.02751	0.023464	0.026071
SEP12-NOV12	0.014299	0.015888	0.004127	0.004586	0.009424	0.010472	1.592406	1.76934	0.029086	0.032318
DEC12-FEB13	0.001635	0.001817	0.003826	0.004251	0.001034	0.001149	0.149496	0.166107	0.002376	0.002640
MAR13-MAY13	0.003007	0.003341	0.011480	0.012756	0.002460	0.002733	0.733929	0.815477	0.008337	0.009263
JUN13-AUG13	0.036317	0.040353	0.151100	0.167889	0.031541	0.035045	4.293689	4.770766	0.615756	0.684173
SEP13-NOV13	0.011431	0.012701	0.027164	0.030183	0.009059	0.010066	1.739241	1.932489	0.025791	0.028656
DEC13-FEB14	0.001919	0.002132	0.006521	0.007245	0.002782	0.003091	0.228251	0.253612	0.007289	0.008099
MAR14-MAY14	0.002364	0.002627	0.009590	0.010655	0.002780	0.003089	0.269623	0.299581	0.007367	0.008186
JUN14-AUG14	0.036317	0.040353	0.151100	0.167889	0.031541	0.035045	4.293689	4.770766	0.615756	0.684173
TOTAL	4.194432	4.662039	9.639109	10.048826	2.367402	2.630892	244.550723	271.723475	9.020630	10.023033
Table 2 Limits	Report	Report	375	420	89	100	2500	2800	2677	3000

Table IV : Amount of Sludge Applied to McCurry's Site (Cumulative Pollutant Loading (Continued))

YEAR	K lb/ac	K kg/ha
Mar99-Jun99	11.505860	12.784290
JUL99-JUN00	7.608615	8.454016
JUL00-JUL01	30.417320	33.797020
AUG01 -JUL02	88.155930	97.951033
AUG02 - JUL03	31.616264	35.129182
AUG03 - OCT03	3.124144	3.471271
NOV03 - JAN04	3.623048	4.025609
FEB04 - APR04	0.966775	1.074194
MAY04-JUL04	0.590522	0.656135
AUG04 - OCT04	3.783013	4.203347
NOV04 - JAN05	0.974086	1.082318
FEB05 - APR05	5.659568	6.288409
MAY05-JUL05	0.000000	0.000000
AUG05 - OCT05	3.228931	3.587701
NOV05 - JAN06	11.332237	12.591375
FEB06-APR06	9.918133	11.020147
MAY06-JUL06	1.702430	1.891589
AUG06-OCT06	0.434417	0.482686
NOV06 - JAN07	4.902798	5.447553
FEB07 - APR07	1.710623	1.900693
MAY07-JUL07	7.538962	8.376624
AUG07-OCT07	0.267406	0.297118
NOV07 - JAN08	1.954073	2.171192
FEB08 - APR08	1.859196	2.065773
MAY08-JUL08	2.722336	3.024818
AUG08-NOV08	5.045208	5.605787
DEC08-FEB09	0.080331	0.089256
MAR09-MAY09	0.678062	0.753402
JUN09-AUG09	0.021770	0.024189
SEP09-NOV09	0.167792	0.186436
DEC09-FEB10	0.051499	0.057221
MAR10-MAY10	0.095520	0.106133
JUN10-AUG10	0.328956	0.365506
SEP10-NOV10	0.333732	0.370814
DEC10-FEB11	0.194121	0.215690
MAR11-MAY11	1.032219	1.146910
JUN11-AUG11	2.891416	3.212685
SEP11-NOV11	1.413500	1.570556
DEC11-FEB12	1.410763	1.567515
MAR12-MAY12	0.682395	0.758216
JUN12-AUG12	1.480619	1.645132
SEP12-NOV12	1.754897	1.949885
DEC12-FEB13	0.126509	0.140565
MAR13-MAY13	0.530971	0.589968
JUN13-AUG13	14.341956	15.935507
SEP13-NOV13	1.391911	1.546568
DEC13-FEB14	0.493009	0.547787
MAR14-MAY14	0.767195	0.852439
JUN14-AUG14	14.341956	15.935507
TOTAL	285.252994	316.947767
Table 2 Limits	NA	NA

Table V

June 01, 2014 through August 31, 2014 Sludge DMR at McCurry's

4th Quarter : June - August 2014: 157.9350 MT Sludge Applied			
Metal	mg/kg conc.	kg/ha mtl's	lb/ac
As	7.26	0.018888	0.017000
Cd	5.65	0.014700	0.013230
Cr	262.97	0.684173	0.615756
Cu	1198.80	3.118936	2.807043
Pb	91.63	0.238395	0.214556
Hg	0.937	0.002438	0.002194
Mo	15.51	0.040353	0.036317
Ni	64.53	0.167889	0.151100
Se	13.47	0.035045	0.031541
Zn	1833.70	4.770766	4.293689
K	6125.00	15.935507	14.341956

Calculations:

Total mg/kg x MT x 1000 / 1000000 x (2.471 /150) = kg/ha

kg/ha x 0.9 = lb/ac

McCurry's = 150 usable acres

**Table V (b) (Quarter # 4) Site 1
June 01, 2014 through August 31, 2014 Sludge DMR**

1st Month : June 01 - 30, 2014: No sludge applied				2nd Month : July 01 - 31, 2014: 44.167 MT sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac	Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000	0.000000	0.000000	As	7.260	0.015690	0.014121
Cd	0.000	0.000000	0.000000	Cd	5.650	0.012210	0.010989
Cr	0.000	0.000000	0.000000	Cr	262.970	0.568306	0.511476
Cu	0.000	0.000000	0.000000	Cu	1198.800	2.590736	2.331662
Pb	0.000	0.000000	0.000000	Pb	91.630	0.198022	0.178220
Hg	0.000	0.000000	0.000000	Hg	0.937	0.002025	0.001822
Mo	0.000	0.000000	0.000000	Mo	15.510	0.033519	0.030167
Ni	0.000	0.000000	0.000000	Ni	64.530	0.139456	0.125511
Se	0.000	0.000000	0.000000	Se	13.470	0.029110	0.026199
Zn	0.000	0.000000	0.000000	Zn	1833.700	3.962823	3.566540
K	0.000	0.000000	0.000000	K	6125.000	13.236783	11.913105
3rd Month: August 01 - 31, 2014: 38.584 MT sludge applied							
Metal	mg/kg conc.	kg/ha mtls	lb/ac	* No Sludge was applied to Site # 1 during the Months of June 2014			
As	7.260	0.013707	0.012336				
Cd	5.650	0.010667	0.009600				
Cr	262.970	0.496476	0.446829				
Cu	1198.800	2.263284	2.036956				
Pb	91.630	0.172994	0.155694				
Hg	0.937	0.001769	0.001592				
Mo	15.510	0.029282	0.026354				
Ni	64.530	0.121830	0.109647				
Se	13.470	0.025431	0.022888				
Zn	1833.700	3.461949	3.115754				
K	6125.000	11.563745	10.407370				

Quarterly Calculations;

mg/kg x MT x 1000 / 1000000 x (2.471 / 50.5) = kg/ha

kg/ha x 0.9 = lb/ac

McCurry's = Site # 1 = 50.5 usable acres

**Table V (c) (Quarter # 4) Site 2
June 01, 2014 through August 31, 2014 Sludge DMR**

1st Month: June 01 - 30, 2014: 75.1839 MT				2nd Month: July 01 - 31, 2014: No sludge applied			
Metal	mg/kg conc.	kg/ha mtl's	lb/ac	Metal	mg/kg conc.	kg/ha mtl's	lb/ac
As	7.260	0.019982	0.017983	As	0.000	0.000000	0.000000
Cd	5.650	0.015550	0.013995	Cd	0.000	0.000000	0.000000
Cr	262.970	0.723769	0.651392	Cr	0.000	0.000000	0.000000
Cu	1198.800	3.299444	2.969499	Cu	0.000	0.000000	0.000000
Pb	91.630	0.252192	0.226973	Pb	0.000	0.000000	0.000000
Hg	0.937	0.002579	0.002321	Hg	0.000	0.000000	0.000000
Mo	15.510	0.042688	0.038419	Mo	0.000	0.000000	0.000000
Ni	64.530	0.177605	0.159845	Ni	0.000	0.000000	0.000000
Se	13.470	0.037073	0.033366	Se	0.000	0.000000	0.000000
Zn	1833.700	5.046872	4.542185	Zn	0.000	0.000000	0.000000
K	6125.000	16.857769	15.171992	K	0.000	0.000000	0.000000

3rd Month: August 01 - 31, 2014: No sludge applied			
Metal	mg/kg conc.	kg/ha mtl's	lb/ac
As	0.000	0.000000	0.000000
Cd	0.000	0.000000	0.000000
Cr	0.000	0.000000	0.000000
Cu	0.000	0.000000	0.000000
Pb	0.000	0.000000	0.000000
Hg	0.000	0.000000	0.000000
Mo	0.000	0.000000	0.000000
Ni	0.000	0.000000	0.000000
Se	0.000	0.000000	0.000000
Zn	0.000	0.000000	0.000000
K	0.000	0.000000	0.000000

***No Sludge was applied to Site # 2 during the Months of July through August 2014**

Quarterly Calculations;

$$\text{mg/kg} \times \text{MT} \times 1000 / 1000000 \times (2.471 / 67.5) = \text{kg/ha}$$

$$\text{kg/ha} \times 0.9 = \text{lb/ac}$$

McCurry's = Site # 2 = 67.5 usable acres

**Table V (d) (Quarter # 4) Site 3
June 01, 2014 through August 31, 2014 Sludge DMR**

1st Month: June 01 - 30, 2014: No Sludge Applied				2nd Month: July 01 - 31, 2014: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtl's	lb/ac	Metal	mg/kg conc.	kg/ha mtl's	lb/ac
As	0.000	0.000000	0.000000	As	0.000	0.000000	0.000000
Cd	0.000	0.000000	0.000000	Cd	0.000	0.000000	0.000000
Cr	0.000	0.000000	0.000000	Cr	0.000	0.000000	0.000000
Cu	0.000	0.000000	0.000000	Cu	0.000	0.000000	0.000000
Pb	0.000	0.000000	0.000000	Pb	0.000	0.000000	0.000000
Hg	0.000	0.000000	0.000000	Hg	0.000	0.000000	0.000000
Mo	0.000	0.000000	0.000000	Mo	0.000	0.000000	0.000000
Ni	0.000	0.000000	0.000000	Ni	0.000	0.000000	0.000000
Se	0.000	0.000000	0.000000	Se	0.000	0.000000	0.000000
Zn	0.000	0.000000	0.000000	Zn	0.000	0.000000	0.000000
K	0.000	0.000000	0.000000	K	0.000	0.000000	0.000000

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3rd Month: August 01 - 31, 2014: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtl's	lb/ac
As	0.000	0.000000	0.000000
Cd	0.000	0.000000	0.000000
Cr	0.000	0.000000	0.000000
Cu	0.000	0.000000	0.000000
Pb	0.000	0.000000	0.000000
Hg	0.000	0.000000	0.000000
Mo	0.000	0.000000	0.000000
Ni	0.000	0.000000	0.000000
Se	0.000	0.000000	0.000000
Zn	0.000	0.000000	0.000000
K	0.000	0.000000	0.000000

*No Sludge was applied to Site # 3 during the months of June through August 2014

Quarterly Calculations;
 $\text{mg/kg} \times \text{MT} \times 1000 / 1000000 \times (2.471 / 32.0) = \text{kg/ha}$
 $\text{kg/ha} \times 0.9 = \text{lb/ac}$
McCurry's = Site # 3 = 32.0 usable acres

Table VI

PSRP (Fecal) & % Total & Volatile Solids for 4th Qtr. June 2014 Through August 2014

DATE	PSRP Fecal Coliform CFU/gram	%Total Solids		%VolatileSolids	
		Anaerobic Digester	Holding Tank	Anaerobic Digester	Holding Tank
6/2/14	7,839	2.10		63.30	
6/23/14	1,491	2.20		64.30	
6/30/14			4.00		76.90
Average	4665	2.15	4.00	63.80	76.90

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

Site No. 1

Note: Please include a fertilizer recommendation from the local County Extension Service or equivalent source for determining the nutrient needed by the specified crop(s).

Intended Crop(s): Coastal bermuda, common bermuda, wheatgrass, ryegrass, clover

Yield Goal(s): 2-Cut, 2 ton/ac/cut and moderate grazing pH: 4.4

	<u>N (lbs/Acre)</u>
A. Nutrient needed by crop for specific yield goal**	See Attachment A <u>400</u>
B. Nutrient available in soil (lbs/acre) [= 2 x NO ₃ -N(ppm)(0-6" soil depth) + 6 x NO ₃ -N(ppm)(6-24" soil depth)] **	<u>71.76</u> (SM4500D)
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)	<u>328.2</u>

**Please provide the means of determining these values.

STEP 3 - CALCULATE THE PLANT AVAILABLE NITROGEN (PAN) PROVIDED BY THE SLUDGE

(Use the values for TKN, NH₄-N, and NO₃-N from Step 1.)

A. Organic Nitrogen = TKN - (NH ₄ -N) - (NO ₃ -N) =	<u>21.57</u>
(Multiply by percent values in Appendix C for PAN) x <u>20</u> % =	<u>4.31</u>
B. Ammonium Nitrogen (NH ₄ -N) x V = <u>58.92</u> x <u>1.0</u> =	<u>+ 58.92</u>
Use Volatilization factor (V) = 0.5 if sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	
C. Nitrate Nitrogen (NO ₃ -N) =	<u>+ 45.96</u>
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	<u>109.19</u>

STEP 4 - CALCULATE MAXIMUM SLUDGE APPLICATION RATE BASED ON CROP NITROGEN NEEDS (SAR_N)

A. Enter amount from Step 2C. Nitrogen amount still needed:	<u>328.2</u> lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	<u>109.19</u> lbs/ton
C. Sludge Application Rate (SAR _N) = A + B = <u>328.2 + 109.19</u> =	<u>3.00</u> tons/acre/year

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

Site No. 2

Note: Please include a fertilizer recommendation from the local County Extension Service or equivalent source for determining the nutrient needed by the specified crop(s).

Intended Crop(s): Coastal bermuda, common bermuda, wheatgrass, ryegrass, clover

Yield Goal(s): 2-Cut, 2 ton/ac/cut and moderate grazing pH: 4.9

	<u>N (lb/Acre)</u>
A. Nutrient needed by crop for specific yield goal**	See Attachment A <u>400</u>
B. Nutrient available in soil (lbs/acre) [= 2 x NO ₃ -N(ppm)(0-6" soil depth) + 6 x NO ₃ -N(ppm)(6-24" soil depth)] **	<u>88.74 (SM43000)</u>
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)	<u>311.3</u>

**Please provide the means of determining these values.

STEP 3 - CALCULATE THE PLANT AVAILABLE NITROGEN (PAN) PROVIDED BY THE SLUDGE

(Use the values for TKN, NH₄-N, and NO₃-N from Step 1.)

A. Organic Nitrogen = TKN - (NH ₄ -N) - (NO ₃ -N) =	<u>21.57</u>
(Multiply by percent values in Appendix C for PAN) x <u>20</u> % =	<u>4.31</u>
B. Ammonium Nitrogen (NH ₄ -N) x V = <u>58.92</u> x <u>1.0</u> =	<u>+ 58.92</u>
Use Volatilization factor (V) = 0.5 if sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	
C. Nitrate Nitrogen (NO ₃ -N) =	<u>+ 45.96</u>
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	<u>109.19</u>

STEP 4 - CALCULATE MAXIMUM SLUDGE APPLICATION RATE BASED ON CROP NITROGEN NEEDS (SAR_N)

A. Enter amount from Step 2C. Nitrogen amount still needed:	<u>311.3</u> lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	<u>109.19</u> lbs/ton
C. Sludge Application Rate (SAR _N) = A + B = <u>311.3</u> + <u>109.19</u> =	<u>2.85</u> tons/acre/year

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

Site No: 3

Note: Please include a fertilizer recommendation from the local County Extension Service or equivalent source for determining the nutrient needed by the specified crop(s).

Intended Crop(s): Coastal bermuda, common bermuda, wheatgrass, ryegrass, clover

Yield Goal(s): 2-Cut, 2 ton/ac/cut and moderate grazing pH: 4.6

	<u>N (lbs/Acre)</u>
A. Nutrient needed by crop for specific yield goal**	See Attachment A <u>400</u>
B. Nutrient available in soil (lbs/acre) [= 2 x NO ₃ -N(ppm)(0-6" soil depth) + 6 x NO ₃ -N(ppm)(6-24" soil depth)] **	<u>74.46 (SM4500D)</u>
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)	<u>325.54</u>

**Please provide the means of determining these values.

STEP 3 - CALCULATE THE PLANT AVAILABLE NITROGEN (PAN) PROVIDED BY THE SLUDGE

(Use the values for TKN, NH₄-N, and NO₃-N from Step 1.)

A. Organic Nitrogen = TKN - (NH ₄ -N) - (NO ₃ -N) = (Multiply by percent values in Appendix C for PAN) x <u>20</u> % =	<u>21.57</u> <u>4.31</u>
B. Ammonium Nitrogen (NH ₄ -N) x V = <u>58.91</u> x <u>1.0</u> = Use Volatilization factor (V) = 0.5 if sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	<u>+ 58.92</u>
C. Nitrate Nitrogen (NO ₃ -N) =	<u>+ 45.96</u>
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	<u>109.19</u>

STEP 4 - CALCULATE MAXIMUM SLUDGE APPLICATION RATE BASED ON CROP NITROGEN NEEDS (SAR_N)

A. Enter amount from Step 2C. Nitrogen amount still needed:	<u>325.54</u> lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	<u>109.19</u> lbs/ton
C. Sludge Application Rate (SAR _N) = A + B = <u>325.5</u> + <u>109.19</u> =	<u>2.98</u> tons/acre/year

2.94

June 2014

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	Pressing McCurry	LDS ACL	LDS McCurry	Site #
6/1/2014											
6/2/2014	44100	7723.674	3.862	1230	452.387	3.6356		3.6356		2	
6/3/2014	50575	8857.706	4.429	1090	459.757	4.1990		4.1990		2	
6/4/2014	43400	7601.076	3.801	1070	387.293	3.6069		3.6069		2	
6/5/2014	48750	8538.075	4.269	1170	475.693	4.0312		4.0312		2	
6/6/2014											
6/7/2014	25200	4413.528	2.207	1140	239.592	2.0870		2.0870		1	
6/8/2014											
6/9/2014	45000	7506.000	3.753	1440	540.432	3.4828	3.4828		2		
6/10/2014											
6/11/2014	21250	3544.500	1.772	2820	499.775	1.5224		1.5224		1	
6/12/2014	49400	8239.920	4.120	2370	976.431	3.6317		3.6317		2	
6/13/2014	23400	3903.120	1.952	1130	220.526	1.8413		1.8413		1	
6/14/2014	71575	11938.710	5.969	1940	1158.055	5.3903		5.3903		3	
6/15/2014											
6/16/2014	48000	8046.432	4.023	1910	764.611	3.6409		3.6409		2	
6/17/2014	50625	8486.471	4.243	3200	1351.080	3.5677		3.5677		2	
6/18/2014	50700	8499.044	4.250	1370	579.288	3.9599		3.9599		2	
6/19/2014	75950	12731.802	6.366	1330	842.453	5.9447		5.9447		3	
6/20/2014	98280	16475.070	8.238	1580	1295.055	7.5900		7.5900		4	
6/21/2014	72900	12220.519	6.110	1878	1141.798	5.5394		5.5394		3	
6/22/2014											
6/23/2014	26650	4378.542	2.189	1340	297.830	2.0404		2.0404		1	
6/24/2014	54600	8970.671	4.485	1240	564.651	4.2030		4.2030		2	
6/25/2014	74900	12305.920	6.153	2100	1311.799	5.4971	1.8324	3.6647	1	2	
6/26/2014	71500	11747.307	5.874	1850	1103.174	5.3221		5.3221		3	
6/27/2014	72615	11930.499	5.965	1670	1011.367	5.4596	1.8199	3.6397	1	2	
6/28/2014	50700	8329.909	4.165	1640	693.454	3.8182		3.8182		2	
6/29/2014											
6/30/2014	97050	15945.121	7.973	3400	2751.950	6.5966	6.5966		4		
TOTAL	1267120	212333.6	106.1668	39908	19118.45	96.6076	13.7316	82.8760	8	44	
AVG	55092	9231.896	4.6159	1735	831.237	4.2003	3.4329	3.9465			

There was no Pressing on these Dates

6/1/2014 6/6/2014 6/8/2014 6/10/2014 6/15/2014 6/22/2014 6/29/2014

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McCurry's = 82.8760 Tons Applied

Landfilled Sludge = 13.7316 Tons

Total Sludge Disposed June 2014 = 96.6076 Tons

July 2014

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	Tons Applied	LDS ACL	LDS McCurry	Site #
7/1/2014	47400	7787.725	3.894	1940	766.913	3.5104	3.5104		2		
7/2/2014	46800	7689.146	3.845	2040	796.236	3.4465		3.4465		2	
7/3/2014	25875	4251.211	2.126	2140	461.807	1.8947	1.8947		1		
7/4/2014											
7/5/2014											
7/6/2014											
7/7/2014	43200	7097.674	3.549	1822	656.445	3.2206		3.2206		2	
7/8/2014	25200	4434.545	2.217	1560	327.862	2.0533		2.0533		1	
7/9/2014	49950	8789.901	4.395	3220	1341.397	3.7243		3.7243		2	
7/10/2014	25625	4509.334	2.255	1240	265.004	2.1222		2.1222		1	
7/11/2014	25600	4504.934	2.252	1270	271.150	2.1169		2.1169		1	
7/12/2014	76025	13378.423	6.689	1822	1155.236	6.1116		6.1116		3	
7/13/2014											
7/14/2014	26250	4619.318	2.310	1243	272.124	2.1736	2.1736		1		
7/15/2014											
7/16/2014	49300	8675.518	4.338	1100	452.278	4.1116	4.1116		2		
7/17/2014	49300	8675.518	4.338	1190	489.283	4.0931	4.0931		2		
7/18/2014	25200	4434.545	2.217	1440	302.642	2.0660	2.0660		1		
7/19/2014	76800	13514.803	6.757	1243	796.156	6.3593		6.3593		3	
7/20/2014											
7/21/2014											
7/22/2014	64600	11367.920	5.684	1460	786.595	5.2907		5.2907		3	
7/23/2014	24700	4346.558	2.173	1260	259.557	2.0435	2.0435		1		
7/24/2014	25350	4460.941	2.230	1413	298.735	2.0811		2.0811		1	
7/25/2014	24300	4276.168	2.138	1520	308.046	1.9841	1.9841		1		
7/26/2014	25350	4460.941	2.230	1413	298.735	2.0811		2.0811		1	
7/27/2014											
7/28/2014	50900	8957.077	4.479	2240	950.893	4.0031		4.0031		2	
7/29/2014	73575	12947.287	6.474	1300	797.700	6.0748		6.0748		3	
7/30/2014	26100	4592.921	2.296	1420	309.097	2.1419	2.1419		1		
7/31/2014											
TOTAL	907400	157772.41	78.8862	35296	12363.89	72.7043	24.0189	48.6854	12	25	
AVG	41245	7171.473	3.5857	1604	561.995	3.3047	2.6688	3.7450			

There was no Pressing on these Dates

7/4/2014 7/5/2014 7/6/2014 7/13/2014 7/15/2014 7/20/2014 7/21/2014 7/27/2014 7/31/2014

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McCurry's = 48.6854 Tons Applied

Landfilled Sludge = 24.0189 Tons

Total Sludge Disposed July 2014 = 72.7043 Tons

August 2014

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	LDS McClurry	LDS ACL	LDS McClurry	Site #
8/1/2014											
8/2/2014											
8/3/2014											
8/4/2014											
8/5/2014	49975	8794.301	4.397	1310	545.997	4.1242	2.0621	2.0621	1	1	
8/6/2014	98640	17358.075	8.679	1110	913.150	8.2225		8.2225		4	
8/7/2014	49950	7998.394	3.999	1010	420.749	3.7888		3.7888		2	
8/8/2014											
8/9/2014											
8/10/2014											
8/11/2014	48600	7782.221	3.891	1120	453.963	3.6641		3.6641		2	
8/12/2014	24300	3891.110	1.946	1318	267.109	1.8120		1.8120		1	
8/13/2014	24300	3891.110	1.946	1600	324.259	1.7834		1.7834		1	
8/14/2014	49725	7672.070	3.836	1500	622.060	3.5250		3.5250		2	
8/15/2014	24050	3710.675	1.855	1050	210.606	1.7500		1.7500		1	
8/16/2014	28350	4374.122	2.187	1318	311.627	2.0312		2.0312		1	
8/17/2014	25200	3888.108	1.944	1318	277.001	1.8056	1.8056		1		
8/18/2014	25650	3957.539	1.979	1318	281.948	1.8378	1.8378		1		
8/19/2014											
8/20/2014											
8/21/2014	25200	4161.326	2.081	2880	605.284	1.7780		1.7780		1	
8/22/2014											
8/23/2014	25200	4161.326	2.081	2880	605.284	1.7780		1.7780		1	
8/24/2014											
8/25/2014	48600	8025.415	4.013	1680	680.944	3.6722		3.6722		2	
8/26/2014	24300	4012.708	2.006	870	176.316	1.9182		1.9182		1	
8/27/2014											
8/28/2014	24000	3963.168	1.982	4128	826.260	1.5685	1.5685		1		
8/29/2014	49225	8128.623	4.064	4128	1694.695	3.2170		3.2170		2	
8/30/2014	46800	7728.178	3.864	4128	1611.208	3.0585	1.5292	1.5292	1	1	
8/31/2014											
TOTAL	692065	113498.5	56.74923	34666	10828.46	51.3350	8.8031	42.5319	5	23	
AVG	38448	6305.471	3.1527	1926	601.581	2.8519	1.7606	2.8355			

There was no Pressing on these Dates

8/1/2014 8/2/2014 8/3/2014 8/4/2014 8/8/2014 8/9/2014 8/10/2014 8/19/2014 8/20/2014 8/22/2014 8/24/2014
8/27/2014 8/31/2014

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McClurry's = 42.5319 Tons Applied

Landfilled Sludge = 8.8031 Tons

Total Sludge Disposed August 2014 = 51.3350 Tons

PLANNING SHEET 2

