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.
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 3rd **Reporting period from** 3/01/13 **, to,** 5/31/13

PERMIT NO.: 04585 **DATE:** 5/12/09
NAME OF PERMITTEE: City of Lufkin
MAILING ADDRESS: P.O. Box 190
Lukin, TX 75902-0190
CONTACT PERSON: Name Debra Cassidy Telephone No: (936) 633-0288

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

- Class B Sewage Sludge Land Applied: 50.8077 dry tons / quarter (46.0920 MT)
- 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

TCEQ

Attachment D

Quarterly Sludge Summary Report Form

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For TCEQ Quarter 3rd **Reporting period from** 3/01/13 **, to,** 5/31/13

PERMIT NO.: 04585 **DATE:** 5/12/09
NAME OF PERMITTEE: City of Lufkin
MAILING ADDRESS: P.O. Box 190
Lukin, 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: 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:- 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 :

Texas Commission on Environmental Quality
Municipal Permits Team (MC 148)
Wastewater Permitting Section
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Austin, TX 78711.3087

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.
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 3rd **Reporting period from** 3/01/13 **, to,** 5/31/13

PERMIT NO.: 04585 **DATE:** 5/12/09
NAME OF PERMITTEE: City of Lufkin
MAILING ADDRESS: P.O. Box 190
Lukin, 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: 50.8077 dry tons / quarter (46.0920 MT)
- 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

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.
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 3rd **Reporting period from** 3/01/13 **, to,** 5/31/13

PERMIT NO.: 04585 **DATE:** 5/12/09
NAME OF PERMITTEE: City of Lufkin
MAILING ADDRESS: P.O. Box 190
Lukin, 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

3rd Quarter Sludge Report Summary Sheet

For ***2013*** Quarterly Report period from March 2013 through May 2013

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: 50.8077 dry tons (46.0920 Metric Tons) March 2013 - May 2013

a) Permit No. 04585: total of 150 usable acres 3rd Quarter of March 2013 through May 2013, where 50.8077 dry tons (46.0920 Metric Tons) of sludge were applied (50.8077 tons x 2000 lbs/ton = 101615.40 lbs) at 677.4360 lbs/ac {See enclosed Tables I (a-c)}.

i) **Site 1 = No sludge applied to 50.5 acres** from March 01, 2013 through May 31, 2013.

ii) **Site 2 = 50.8077 Dry Tons (46.0920 Metric Tons) of sludge applied to 67.5 acres** from March 01, 2013 through May 31, 2013.

iii) **Site 3 = No sludge applied to 32.0 acres** from March 01, 2013 through May 31, 2013.

Sludge - Disposed via Monofill: N/A

Sludge - Disposed via Landfill: Angelina County Waste Management Center (**Landfill**): TCEQ Permit No. 2105A = **256.2510 Dry Tons (232.4673 Metric Tons) disposed of in the Landfill** from March 01, 2013 through May 31, 2013.

Paint Filter Test: **11/27/12; Pass**
TCLP: **11/27/12; 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. Area 1 received no sludge from March 01, 2013 – May 31, 2013. 50.8077 dry tons (46.0920 metric tons) of sludge was applied to Area 2 from March 01, 2013 – May 31, 2013. Area 3 received no sludge from March 01, 2013 – May 31, 2013.**

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; voluntarily tested more frequently
d) Sewage Sludge 503 Regulation Metals - Once/Quarter required

TCLP Pass / Fail Status: Passed during 2012 (Tested 11/27/12)

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

3rd Quarterly Sludge Disposal Report
March 2013 through May 2013

Hurricane Creek Wastewater Treatment Plant
Permit No. WQ0010214-001
Lois Ann
McCurry's Sludge 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) PCB=s – annually
   c) Sewage Sludge Fecal Coliform - Once/Quarter required; voluntarily tested more frequently
   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 2012 (Tested 11/27/12)

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 2012.

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**)
Chris Fitzgerald – 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 3rd Quarter of March 01, 2013 through May 31, 2013, where 50.8077 dry tons (46.0920 Metric Tons) of sludge was applied (50.8077 tons x 2000 lbs/ton = 101615.400 lbs) at 677.4360 lbs/ac {See enclosed Table I (a), I (b), & I (c)}.

i) **Site 1** = No Sludge applied to**50.5 acres** from March 01, 2013 through May 31, 2013.

ii) **Site 2** = 50.8077 Dry Tons (46.0920 Metric Tons) of Sludge applied to **67.5 acres** from March 01, 2013 through May 31, 2013.

iii) **Site 3** = No Sludge applied to **32.0 acres** from March 01, 2013 through May 31, 2013.

b) Angelina County Waste Management Center (**Landfill**): TCEQ Permit No. 2105A = 256.2510 Dry Tons (232.4673 Metric Tons) disposed of in the Landfill from March 01, 2013 through May 31, 2013.

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 14% 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) 3rd Quarter Sludge production in dry tons March 01, 2013 – May 31, 2013

a) 307.059 Dry tons (278.559 Metric Tons) of sludge produced.
{See enclosed Table I (c) and the WWTP Sludge Haul sheets}.

16) Amount of sludge <u>Land Applied</u> in Dry Tons 3rd Quarter March 01, 2013 – May 31, 2013

a) 50.8077 dry tons (46.0920 Metric Tons) of sludge land applied at McCurry's {see enclosed Table I (a-b)}.

i) **Site 1** = No Sludge applied to **50.5 acres** from March 01, 2013 through May 31, 2013.

ii) **Site 2** = 50.8077 Dry Tons (46.0920 Metric Tons) of Sludge applied to **67.5 acres** from March 01, 2013 through May 31, 2013.

iii) **Site 3** = No Sludge applied to **32.0 acres** from March 01, 2013 through May 31, 2013.

b) Angelina County Waste management Center (**Landfill**): TCEQ Permit No. 2105A **= 256.2510 Dry Tons (232.4673 Metric Tons) of sludge disposed of in the Landfill** from March 01, 2013 through May 31, 2013.

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 — 6/12/13
Debra Cassidy — Date
Director of Water Utility Plant Operations

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 — 6/12/13
Debra Cassidy — Date
Director of Water Utility Plant Operations

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 — 6/12/13
Debra Cassidy — Date
Director of Water Utility Plant Operations

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 6/12/13
Debra Cassidy Date
Director of Water Utility Plant Operations

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 6/12/13
Debra Cassidy Date
Director of Water Utility Plant Operations

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 6/12/13
Debra Cassidy Date
Director of Water Utility Plant Operations

Respectfully,

Debra Cassidy
Debra Cassidy
Director of Water Utility Plant Operations

TCEQ Tables For The Third Quarterly Reports; March 1, 2013 - May 31, 2013

TABLE I (a)

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE FOR 3/1/13 to 5/31/13

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
Mar 2013	0.000	0.000	0.000	0	0.000
Apr 2013	0.000	0.000	0.000	0	0.000
May 2013	50.808	46.092	46092.025	101615	677.436
TOTAL	**50.8077**	**46.0920**	**46092.0249**	**101615.4000**	**677.4360**

No sludge was applied to McCurry in March 2013 and April 2013.

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 March 2013 - May 2013

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
Mar 2013	0.000	0.000	0.000	0	0.000
Apr 2013	0.000	0.000	0.000	0.000	0.000
May 2013	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	0.0000	0.0000	0.0000	0.0000	0.0000

**No Sludge Applied to McCurry's Site # 1 (50.5 acres) during the third Quarter of March 2013 to May 2013.*

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE # 2 March 2013 - May 2013

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
Mar 2013	0.000	0.000	0.000	0.000	0.000
Apr 2013	0.000	0.000	0.000	0.000	0.000
May 2013	50.808	46.092	46092.025	101615.400	1505.413
TOTAL	50.8077	46.0920	46092.0249	101615.4000	1505.4133

**No Sludge Applied to McCurry's Site # 2 (67.5 Acres) during the third Quarter of March 2013 to April 2013.*

AMOUNT OF SLUDGE APPLIED TO McCURRY'S SITE # 3 March 2013 - May 2013

DATE	TONS	MET.TON	KG	POUNDS	LBS/AC
Mar 2013	0.000	0.000	0.000	0.000	0.000
Apr 2013	0.000	0.000	0.000	0.000	0.000
May 2013	0.000	0.000	0.000	0.000	0.000
TOTAL	0.0000	0.0000	0.0000	0.0000	0.0000

**No Sludge Applied to McCurry's Site # 3 (32.0 Acres) during the third Quarter of March 2013 to May 2013.*

AMOUNT OF SLUDGE APPLIED TO ANGELINA COUNTY LANDFILL March 2013 - May 2013

DATE	TONS	MET.TON	KG	POUNDS
Mar 2013	119.4266	108.3421	108342.1179	238853.2000
Apr 2013	97.2843	88.2549	88254.9374	194568.6000
May 2013	39.5401	35.8702	35870.2180	79080.2000
TOTAL	256.2510	232.4673	232467.2733	512502.0000

Table 1 (c)

Total Sludge Produced

DATE	TONS	MET.TON
Mar 2013	119.427	108.342
Apr 2013	97.284	88.255
May 2013	90.348	81.962
TOTAL	**307.059**	**278.559**

Sludge Disposal

	SITE # 1		SITE # 2		SITE # 3		LANDFILL	
DATE	TONS	MET.TON	TONS	MET.TON	TONS	MET.TON	TONS	MET.TON
Mar 2013	0.000	0.000	0.000	0.000	0.000	0.000	119.427	108.342
Apr 2013	0.000	0.000	0.000	0.000	0.000	0.000	97.284	88.255
May 2013	0.000	0.000	50.808	46.092	0.000	0.000	39.540	35.870
TOTAL	**0.000**	**0.000**	**50.808**	**46.092**	**0.000**	**0.000**	**256.251**	**232.467**

**No Sludge Applied to McCurry's Site #1 and Site #3 during the third quarter of March 2013 - May 2013.*

**No Sludge Applied to McCurry's Site # 2 during the months of March 2013 - April 2013*

TABLE II

CUMULATIVE LOADINGS PER METAL AT McCURRY'S MARCH 2013 TO MAY 2013

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
3/15/2013	0.60	0.000456	0.000410	1.40	0.001063	0.000957	535.50	0.406599	0.365939
TOTAL	0.60	0.000456	0.000410	1.40	0.001063	0.000957	535.50	0.406599	0.365939
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		

Calculations:
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
*Pressed Sludge

CUMULATIVE LOADINGS PER METAL AT McCURRY'S MARCH 2013 TO MAY 2013

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
3/15/2013	32.00	0.024297	0.021868	0.7410	0.000563	0.000506	4.40	0.003341	0.003007
TOTAL	32.00	0.024297	0.021868	0.7410	0.000563	0.000506	4.40	0.003341	0.003007
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		

CUMULATIVE LOADINGS PER METAL AT McCURRY'S MARCH 2013 TO MAY 2013

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
3/15/2013	16.80	0.012756	0.011480	3.60	0.002733	0.002460	1074.00	0.815477	0.733929
TOTAL	**16.80**	**0.012756**	**0.011480**	**3.60**	**0.002733**	**0.002460**	**1074.00**	**0.815477**	**0.733929**
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		

CUMULATIVE LOADINGS PER METAL AT McCURRY'S MARCH 2013 TO MAY 2013

DATE	Cr mg/kg	Cr kg/ha	Cr lb/ac	K mg/kg	K kg/ha	K lb/ac
3/15/2013	12.20	0.009263	0.008337	777.00	0.589968	0.530971
TOTAL	**12.20**	**0.009263**	**0.008337**	**777.00**	**0.589968**	**0.530971**
Max. Load Rate per 365 Day Period		150	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 March 2013 to May 2013

DATE	As mg/kg	Cd mg/kg	Cu mg/kg	Pb mg/kg	Hg mg/kg	Mo mg/kg	Ni mg/kg
3/15/2013	0.60	1.40	535.50	32.00	0.741	4.40	16.80
Average	0.60	1.40	535.50	32.00	0.741	4.40	16.80
Table 3 Avg. Limits	41	39	1500	300	17	Report	420

Monthly Average Metal Concentrations in mg/kg Dry Weight Basis March 2013 to May 2013

DATE	Se mg/kg	Zn mg/kg	Cr mg/kg	K mg/kg
3/15/2013	3.60	1074.00	12.20	777.00
Average	3.60	1074.00	12.20	777.00
Table 3 Avg. Limits	36	2800	1200	

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	0.011161	0.008027	0.008919	2.375947	2.639942	0.267694	0.297439	0.003982	0.003980
FEB04 - APR04	0.019915	0.022128	0.001825	0.002028	0.516150	0.573501	0.048813	0.054237	0.000391	0.000434
MAY04 - JUL04	0.001988	0.022090	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
FEB05 - APR05	0.002547	0.002830	0.001893	0.002103	0.459596	0.510662	0.049765	0.055295	0.000641	0.000712
MAY05 - JUL05	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
AUG05 - OCT05	0.007993	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	0.893500	0.992780	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	0.00291	0.003233	0.793952	0.882168	0.100134	0.11126	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
NOV05 - JAN06	0.004429	0.004922	0.002637	0.00293	1.105665	1.228517	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	0.000410	0.000456	0.000957	0.001063	0.365939	0.406599	0.021868	0.024297	0.000506	0.000563
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	0.021868	0.024297	0.000506	0.000563
TOTAL	0.878760	1.276501	1.180136	1.311151	148.657803	165.176119	21.231757	23.591183	0.343589	0.380986
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	19.95994	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	0.129498	0.143886	0.146503	0.162781	0.005851	0.006501	3.737093	4.152327	0.210870	0.234300
FEB04 - APR04	0.033105	0.036784	0.032835	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	0.08961	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	0.00413
MAR12-MAY12	0.003007	0.003341	0.011480	0.012756	0.002460	0.002733	0.733929	0.815477	0.008337	0.009263
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
TOTAL	**4.104474**	**4.562083**	**9.292903**	**9.664153**	**2.287439**	**2.542045**	**234.045077**	**260.050536**	**7.747824**	**8.608805**
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	33.79702
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	0.966774	1.074194
MAY04 - JUL04	0.590522	0.656135
AUG04 - OCT04	3.783013	4.203347
NOV04 - JAN	0.974086	1.082318
FEB05 - APR	5.659568	6.288409
MAY05 - JUL	0.000000	0.000000
AUG05 - OCT	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	0.530971	0.589968
JUN12-AUG12	1.480619	1.645132
SEP12-NOV12	1.754897	1.949885
DEC12-FEB13	0.126509	0.140565
MAR13-MAY13	0.530971	0.589968
TOTAL	**253.765542**	**281.961711**
Table 2 Limits	NA	NA

Table V

March 2013 through May 2013 Sludge DMR

3rd Quarter: March 2013 - May 2013: 34.6067 MT				
Metal		mg/kg conc.	**kg/ha mtls**	**lb/ac**
As		**0.60**	**0.000456**	**0.000410**
Cd		**1.40**	**0.001063**	**0.000957**
Cr		**12.20**	**0.009263**	**0.008337**
Cu		**535.50**	**0.406599**	**0.365939**
Pb		**32.00**	**0.024297**	**0.021868**
Hg		**0.741**	**0.000563**	**0.000506**
Mo		**4.40**	**0.003341**	**0.003007**
Ni		**16.80**	**0.012756**	**0.011480**
Se		**3.60**	**0.002733**	**0.002460**
Zn		**1074.00**	**0.815477**	**0.733929**
K		**777.00**	**0.589968**	**0.530971**

Calculations;

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 # 3) Site 1

March 2013 through May 2013 Sludge DMR

1st Month : March 01 - 31, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

2nd Month :April 01 - 30, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

3rd Month : May 01 - 31, 2013: No Sludge Applied			
Metal	**mg/kg conc.**	**kg/ha mtls**	**lb/ac**
As	0.000000	**0.000000**	**0.000000**
Cd	0.000000	**0.000000**	**0.000000**
Cr	0.000000	**0.000000**	**0.000000**
Cu	0.000000	**0.000000**	**0.000000**
Pb	0.000000	**0.000000**	**0.000000**
Hg	0.000000	**0.000000**	**0.000000**
Mo	0.000000	**0.000000**	**0.000000**
Ni	0.000000	**0.000000**	**0.000000**
Se	0.000000	**0.000000**	**0.000000**
Zn	0.000000	**0.000000**	**0.000000**
K	0.000000	**0.000000**	**0.000000**

*Sludge was not applied to Site # 1 during the third quarter (March 2013 to May 2013)

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 # 3) Site 2

March 2013 through May 2013 Sludge DMR

1st Month : March 01 - 31, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

2nd Month :April 01 - 30, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

3rd Month : May 01-31, 2013: **46.092 MT**			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	**0.60**	0.001012	0.000911
Cd	**1.40**	0.002362	0.002126
Cr	**12.20**	0.020585	0.018527
Cu	**535.50**	0.903554	0.813199
Pb	**32.00**	0.053994	0.048595
Hg	**0.741**	0.001250	0.001125
Mo	**4.40**	0.007424	0.006682
Ni	**16.80**	0.028347	0.025512
Se	**3.60**	0.006074	0.005467
Zn	**1074.00**	1.812170	1.630953
K	**777.00**	1.311040	1.179936

*No Sludge was applied to Site #2 during the month of March 2013 and April 2013

Quarterly Calculations;

mg/kg x MT x 1000 / 1000000 x (2.471 /67.5) = kg/ha

kg/ha x 0.9 = lb/ac

McCurry's = Site # 2 = 67.5 usable acres

Table V (d) (Quarter # 3) Site 3

March 01, 2013 through May 31, 2013 Sludge DMR

1st Month : March 01- 31, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

2nd Month :April 01 - 30, 2013: No Sludge Applied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

3rd Month : May 01 - 31, 2013: No Sludge Spplied			
Metal	mg/kg conc.	kg/ha mtls	lb/ac
As	0.000000	0.000000	0.000000
Cd	0.000000	0.000000	0.000000
Cr	0.000000	0.000000	0.000000
Cu	0.000000	0.000000	0.000000
Pb	0.000000	0.000000	0.000000
Hg	0.000000	0.000000	0.000000
Mo	0.000000	0.000000	0.000000
Ni	0.000000	0.000000	0.000000
Se	0.000000	0.000000	0.000000
Zn	0.000000	0.000000	0.000000
K	0.000000	0.000000	0.000000

No Sludge was applied to Site #3 during the third quarter (March 2013 to May 2013)

Quarterly Calculations;

mg/kg x MT x 1000 / 1000000 x (2.471 /32.0) = kg/ha

kg/ha x 0.9 = lb/ac

McCurry's = Site # 3 = 32.0 usable acres

Table VI

PSRP(Fecal) and % Total & % Volatile Solids for March 2013 Through May 2013

		PSRP	%Total Solids		%VolatileSolids	
DATE		Fecal Coliform CFU/gram	Anaerobic Digester	Holding Tank	Anaerobic Digester	Holding Tank
3/25/2013		237,174	2.40		60.90	
4/1/2013				4.70		78.50
4/29/2013		16,450	2.40		62.10	
5/20/2013		5,544	2.30		63.90	
Average		**86389**	**2.37**	**4.70**	**62.30**	**78.50**

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

Site No. 1-17

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

		N (lbs/Acre)
A. Nutrient needed by crop for specific yield goal**	**See Attachment A**	400
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)] **		71.76 (SM4500D)
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)		328.2

**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, NH_4-N, and NO_3-N from Step 1.)

A. Organic Nitrogen = TKN - (NH_4-N) - (NO_3-N) =	21.57
(Multiply by percent values in Appendix C for PAN) x 20 % =	4.31
B. Ammonium Nitrogen (NH_4-N) x V = 58.92 x 1.0 =	+ 58.92
Use Volatilization factor (V) = 0.5 is sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	
C. Nitrate Nitrogen (NO_3-N) =	+ 45.96
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	109.19

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

A. Enter amount from Step 2C. Nitrogen amount still needed:	328.2 lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	109.19 lbs/ton
C. Sludge Application Rate (SAR_N) = A ÷ B = 328.2 ÷ 109.19 =	[illegible] tons/acre/year

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

[redacted]

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

		N (lbs/Acre)
A. Nutrient needed by crop for specific yield goal**	**See Attachment A**	400
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)] **		88.74 (SM4500D)
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)		311.3

**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, NH_4-N, and NO_3-N from Step 1.)

A. Organic Nitrogen = TKN - (NH_4-N) - (NO_3-N) =	21.57
(Multiply by percent values in Appendix C for PAN) x 20 % =	4.31
B. Ammonium Nitrogen (NH_4-N) x V = 58.[redacted] x 1.0 =	+ 58.92
Use Volatilization factor (V) = 0.5 is sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	
C. Nitrate Nitrogen (NO_3-N) =	+ 45.96
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	109.19

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

A. Enter amount from Step 2C. Nitrogen amount still needed:	311.3 lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	109.19 lbs/ton
C. Sludge Application Rate (SAR_N) = A ÷ B = 311.3 ÷ 109.19 =	[redacted]

STEP 2 - SOIL TEST ANALYSIS AND FERTILIZER RECOMMENDATIONS

Site No. 34

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

		N (lbs/Acre)
A. Nutrient needed by crop for specific yield goal**	**See Attachment A**	400
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)] **		74.46 (SM4500D)
C. Nutrient amount still needed [Nutrient needed - Nutrient available] (enter this amount in Step 4 A.)		325.54

**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, NH_4-N, and NO_3-N from Step 1.)

A. Organic Nitrogen = TKN - (NH_4-N) - (NO_3-N) =	21.57
(Multiply by percent values in Appendix C for PAN) x 20 % =	4.31
B. Ammonium Nitrogen (NH_4-N) x V = 58.92 x 1.0 =	+ 58.92
Use Volatilization factor (V) = 0.5 is sludge is left on soil surface; Use Volatilization factor (V) = 1.0 if sludge is worked into soil.	
C. Nitrate Nitrogen (NO_3-N) =	+ 45.96
D. 3A. + 3B. + 3C. = (enter this amount in Step 4B.) Total PAN =	109.19

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

A. Enter amount from Step 2C. Nitrogen amount still needed:	325.54 lbs/acre/year
B. Enter amount from Step 3D. Total PAN in sludge:	109.19 lbs/ton
C. Sludge Application Rate (SAR_N) = A ÷ B = 325.5 ÷ 109.19 =	2.98 tons/acre/year
	2.94

March 2013

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	Tons McCurry	LDS ACL	LDS McCurry	Site #
3/1/2013											
3/2/2013											
3/3/2013	18900	3625.398	1.813	1340	211.219	1.7071	1.7071		1		
3/4/2013	39420	8679.338	4.340	560	184.107	4.2476	4.2476		2		
3/5/2013	59850	13177.534	6.589	350	174.702	6.5014	6.5014		3		
3/6/2013	58779	12941.725	6.471	2600	1274.564	5.8336	5.8336		3		
3/7/2013	57750	12715.164	6.358	1390	669.473	6.0228	6.0228		3		
3/8/2013	40950	9016.207	4.508	1800	614.741	4.2007	4.2007		2		
3/9/2013	39375	8669.430	4.335	1340	440.039	4.1147	4.1147		2		
3/10/2013											
3/11/2013	40446	8466.723	4.233	640	215.885	4.1254	4.1254		2		
3/12/2013	75600	15825.650	7.913	590	371.997	7.7268	7.7268		4		
3/13/2013	67725	14177.145	7.089	910	513.992	6.8316	6.8316		4		
3/14/2013	91125	19075.561	9.538	1110	843.581	9.1160	9.1160		4		
3/15/2013	34146	7147.919	3.574	1960	558.164	3.2949	3.2949		2		
3/16/2013											
3/17/2013											
3/18/2013	35685	7976.026	3.988	1750	520.823	3.7276	3.7276		2		
3/19/2013	75600	16897.507	8.449	370	233.286	8.3321	8.3321		3		
3/20/2013	67200	15020.006	7.510	3880	2174.538	6.4227	6.4227		3		
3/21/2013	72072	16108.957	8.054	5590	3360.040	6.3745	6.3745		3		
3/22/2013	63000	14081.256	7.041	1350	709.317	6.6860	6.6860		3		
3/23/2013											
3/24/2013											
3/25/2013	67200	14347.469	7.174	2070	1160.127	6.5937	6.5937		3		
3/26/2013	46872	10007.359	5.004	2190	856.098	4.5756	4.5756		2		
3/27/2013	63000	13450.752	6.725	2350	1234.737	6.1080	6.1080		3		
3/28/2013	70728	15100.711	7.550	2260	1333.110	6.8838	6.8838		3		
3/29/2013											
3/30/2013											
3/31/2013											
TOTAL	1185423	256507.837	128.254	36400	17654.541	119.4266	119.4266	0.0000	57	0	
AVG	56449	12214.659	6.1073	1733	840.692	5.6870	5.6870	#DIV/0!			

There was no Pressing on these Dates

3/1/2013 3/2/2013 3/10/2013 3/16/2013 3/17/2013 3/23/2013 3/24/2013 3/29/2013 3/30/2013 3/31/2013

[redacted]

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McCurry's = 0 Tons Applied

Landfilled Sludge = 119.4266 Tons

Total Sludge Disposed March 2013 = 119.4266 Tons

April 2013

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	Tons McCurry	LDS ACL	LDS McCurry	Site #
4/1/2013	45900	10220.920	5.110	1550	593.349	4.8138	4.8138		2		
4/2/2013	69972	15581.225	7.791	2530	1476.423	7.0524	7.0524		3		
4/3/2013	42672	9502.116	4.751	1690	601.445	4.4503	4.4503		2		
4/4/2013	25200	5611.486	2.806	2192	460.688	2.5754	2.5754		1		
4/5/2013	25200	5611.486	2.806	3000	630.504	2.4905	2.4905		1		
4/6/2013											
4/7/2013											
4/8/2013	43428	8547.673	4.274	1730	626.588	3.9605	3.9605		2		
4/9/2013	39228	7721.012	3.861	2180	713.212	3.5039	3.5039		2		
4/10/2013	36372	7158.883	3.579	2510	761.390	3.1987	3.1987		2		
4/11/2013	21000	4133.304	2.067	2182	382.155	1.8756	1.8756		1		
4/12/2013	23772	4678.900	2.339	2310	457.977	2.1105	2.1105		1		
4/13/2013	42000	8266.608	4.133	2182	764.311	3.7511	3.7511		2		
4/14/2013											
4/15/2013	42672	8256.520	4.128	1370	487.562	3.8845	3.8845		2		
4/16/2013	41328	7996.472	3.998	1470	506.673	3.7449	3.7449		2		
4/17/2013	50400	9751.795	4.876	2313	972.237	4.3898	4.3898		2		
4/18/2013	44520	8614.086	4.307	4100	1522.317	3.5459	3.5459		2		
4/19/2013	50400	9751.795	4.876	2313	972.237	4.3898	4.3898		2		
4/20/2013	62328	12059.720	6.030	2313	1202.333	5.4287	5.4287		2		
4/21/2013											
4/22/2013	60900	11529.466	5.765	890	452.036	5.5387	5.5387		3		
4/23/2013	43428	8221.702	4.111	1580	572.259	3.8247	3.8247		2		
4/24/2013	42672	8078.578	4.039	2820	1003.594	3.5375	3.5375		2		
4/25/2013	71400	13517.305	6.759	2410	1435.097	6.0411	6.0411		3		
4/26/2013	45528	8619.270	4.310	3030	1150.502	3.7344	3.7344		2		
4/27/2013											
4/28/2013											
4/29/2013	44100	8348.924	4.174	1600	588.470	3.8802	3.8802		2		
4/30/2013	64428	12197.380	6.099	2000	1074.659	5.5614	5.5614		3		
TOTAL	1078848	213976.626	106.988	52265	19408.020	97.2843	97.2843	0.0000	48	0	
AVG	44952	8915.693	4.4578	2178	808.668	4.0535	4.0535	#DIV/0!			

There was no Pressing on these Dates

4/6/2013 4/7/2013 4/14/2013 4/21/2013 4/27/2013 4/28/2013

[redacted]

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McCurry's = 0 Tons Applied

Landfilled Sludge = 97.2843 Tons

Total Sludge Disposed April 2013 = 97.2843 Tons

MAY 2013

DATE	GALS.	DRY LBS.	TONS	AVG. FILT.	SOL.LBS. RECIRC.	Total Tons	Tons ACL	[redacted]	LDS ACL	LDS McCurry	Site #
5/1/2013	47628	9016.838	4.508	2000	794.435	4.1112	4.1112		2		
5/2/2013	42000	7951.356	3.976	2150	753.102	3.5991	3.5991		2		
5/3/2013	23100	4373.246	2.187	19375	3732.671	0.3203	0.3203		1		
5/4/2013											
5/5/2013											
5/6/2013	83125	17816.846	8.908	5460	3785.213	7.0158		7.0158		3	[redacted]
5/7/2013	40825	8750.349	4.375	920	313.242	4.2186		4.2186		2	[redacted]
5/8/2013	65625	14065.931	7.033	1080	591.098	6.7374		6.7374		3	[redacted]
5/9/2013	43050	9227.251	4.614	1280	459.567	4.3838		4.3838		2	[redacted]
5/10/2013											
5/11/2013											
5/12/2013											
5/13/2013	33350	7370.684	3.685	1070	297.609	3.5365		3.5365		2	[redacted]
5/14/2013	37000	8177.370	4.089	710	219.092	3.9791		3.9791		2	[redacted]
5/15/2013	43000	9503.430	4.752	920	329.930	4.5867	4.5867		2		
5/16/2013	25020	5529.670	2.765	900	187.800	2.6709	2.6709		1		
5/17/2013	40500	8950.905	4.475	790	266.838	4.3420	4.3420		2		
5/18/2013	39600	8751.996	4.376	878	289.972	4.2310		4.2310		2	[redacted]
5/19/2013											
5/20/2013	42400	8644.510	4.322	2710	958.299	3.8431		3.8431		2	[redacted]
5/21/2013	35550	7234.283	3.617	1666	493.947	3.3702	3.3702		2		
5/22/2013	62000	12616.752	6.308	1751	905.407	5.8557	5.8557		4		
5/23/2013	35620	7248.528	3.624	1628	483.631	3.3824	1.6912	1.6912	1	1	[redacted]
5/24/2013	42350	8618.056	4.309	2010	709.930	3.9541	3.9541		2		
5/25/2013											
5/26/2013											
5/27/2013											
5/28/2013	68850	14010.700	7.005	3090	1774.306	6.1182		6.1182		3	[redacted]
5/29/2013	60075	11172.869	5.586	2130	1067.184	5.0528		5.0528		3	[redacted]
5/30/2013	20250	3766.136	1.883	3390	572.520	1.5968	1.5968		1		
5/31/2013	40500	7532.271	3.766	1920	648.518	3.4419	3.4419		2		
TOTAL	971418	200329.977	100.165	57828	19634.313	90.3478	39.5401	[redacted]	22	25	
AVG	44155	9105.908	4.5530	2629	892.469	4.1067	3.2950	4.6189			

There was no Pressing on these Dates

5/4/2013 5/5/2013 5/10/2013 5/11/2013 5/12/2013 5/19/2013 5/25/2013 5/26/2013 5/27/2013

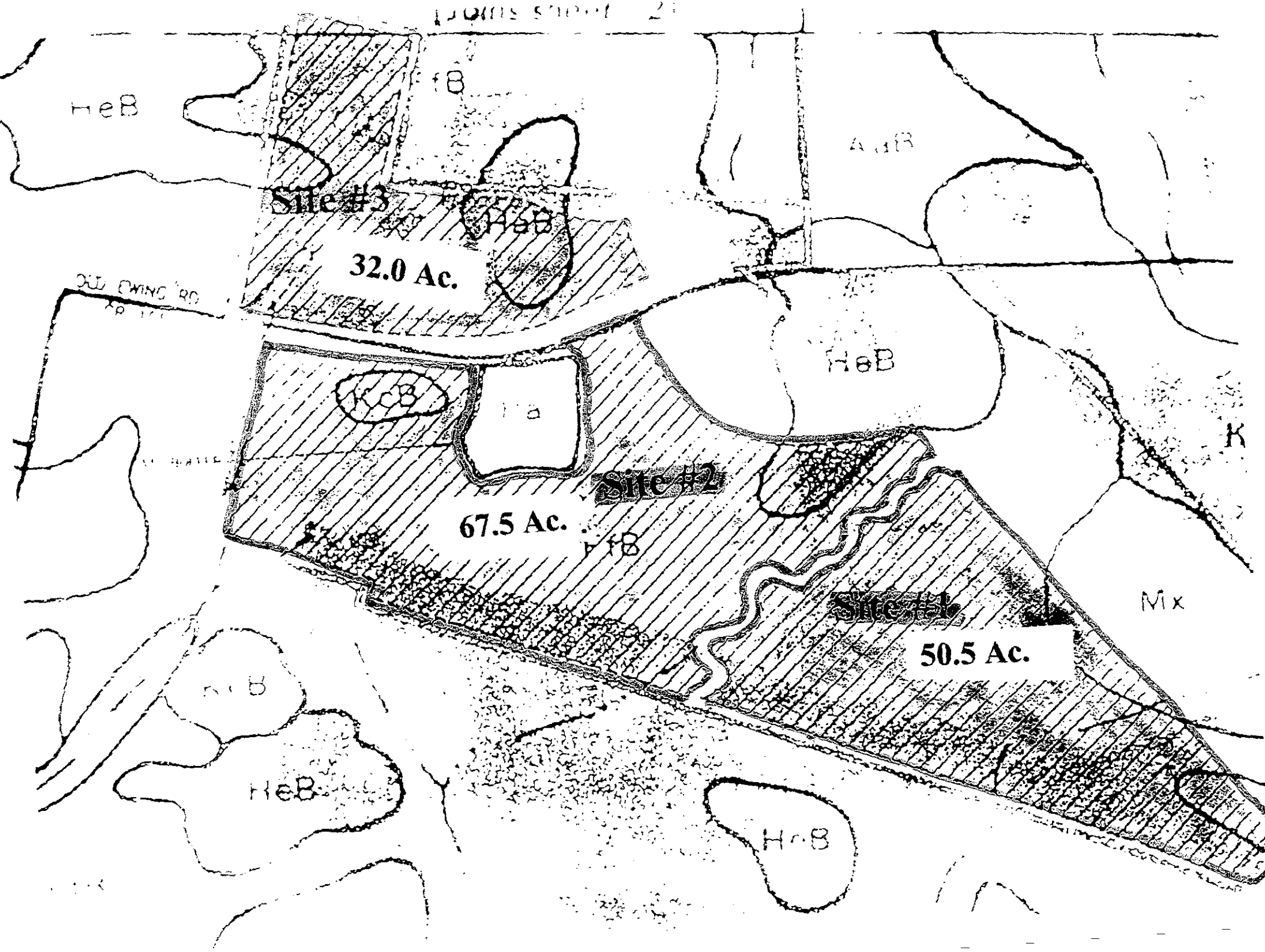
[redacted]

McCurry's Site 3 = 0 Tons Applied

Total Sludge Land Applied at McCurry's = 50.8077 Tons Applied

Landfilled Sludge = 39.5401 Tons

Total Sludge Disposed May 2013 = 90.3478 Tons


HeB
Site #3
32.0 Ac.
HeB
Site #2
67.5 Ac.
Site #1
50.5 Ac.
Mx
HeB
HeB