

Attachment D

TCEQ

Quarterly Sludge Summary Report Form

- Note 1: If your site has more than one land application field, please submit a separate form for each field.
- Note 2: Please place this sheet at the top of your Quarterly Sludge Report.
- Note 3: If you have more than one permitted site, then fill-out this form for each one of those sites.
- Note 4: Please send a copy of this sheet and all attachments to the local TCEQ regional office.

For TCEQ Quarter 4th Reporting period from 2013, to, 2014

PERMIT NO.: WQ000 4447000 DATE: 9-3-14

NAME OF PERMITTEE: K-3 Resources, LP

MAILING ADDRESS: P.O. Box 2236
Alvin, TX 77512

CONTACT PERSON: Name: Chad Sledge Telephone No: 281-585-2817

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

- Class B Sewage Sludge Land Applied : 370.17 dry tons / quarter
- Treated Domestic Septage - Land Applied : 0 gallons / quarter
- Method used to treat Domestic Septage: NA
- Water Treatment Plant Sludge - Land Applied: 0 dry tons /quarter
- Class A sludge land applied : 0 dry tons / quarter

- a. Acreage used for Sludge Application/disposal at this site:- 89.78 acres
- b. Site Vegetation (such as grass type etc) and # of cuttings:- Bermudagrass & native pasture grass 10 tons/Ac
- c. Does any of the sludge you have generated or received NOT MEET concentration limits for any of the metals listed in Table 3 of "30 TAC §312.43 (b)"? Yes _____ No X 4 to 6 Cuttings
- d. Site location: Latitude: N 29°54'05", Longitude: W 95°57'28"
- e. Site physical address: Westside of SH 362, Waller County, Texas

Please attach the information regarding the following items (Sewage Sludge only):-

- * Please note the following information shall be provided in computer generated report format:
- * Please place check mark before each item below to indicate you have attached that item with this report.

- 1. Metal concentration, pathogen analysis data and vector attraction certifications of sludge for each source.
- 2. Provide a list containing the name and permit number of each source of sludge.
- 3. Date of delivery of each load of sludge land applied.
- 4. Date of land application of each load of sludge.
- 5. The cumulative metal loading rates for any metals as listed in Table 2 of 30 TAC §312.43 (b)"?
- 6. The suggested agronomic rate for the class B sludge.

PLEASE MAIL THE COMPLETED REPORT TO :

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



Land Application Manifest Summary By Site

<Application Date Range: 06/01/2014 - 08/31/2014>

TCEQ # 22430

Site Type: Land Application
Permit No: WQ0004447000
Site Name: Carl Miller Farms 3 RN102643384
Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres	Land Use	Appl. Date
06/11/2014	12:45 PM	160226	Meadow Place		20	11.80	2.006000	1.819442	1	89.78	Hay/Pasture	06/11/2014
06/12/2014	03:30 PM	159744	Meadow Place		20	11.80	2.006000	1.819442	1	89.78	Hay/Pasture	06/12/2014
06/12/2014	07:30 AM	160075	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/12/2014
06/12/2014	01:15 PM	160077	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/12/2014
06/13/2014	07:30 AM	159745	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	10:00 AM	159746	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	01:15 PM	159747	HC WCID 92		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	02:30 PM	159748	Eagle Lake WWTP		20	14.80	2.516000	2.282012	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	05:15 PM	159749	Sealy, City of		20	17.00	2.890000	2.621230	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	07:45 AM	160078	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	12:30 PM	160080	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	04:00 AM	160230	Tomball South		20	14.93	2.538100	2.302057	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	05:45 AM	160231	Richmond Regional		20	14.20	2.414000	2.189498	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	07:45 AM	160232	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	09:15 AM	160233	Sealy, City of		20	17.00	2.890000	2.621230	1	89.78	Hay/Pasture	06/13/2014
06/13/2014	11:45 AM	160234	Pecan Grove		20	18.40	3.128000	2.837096	1	89.78	Hay/Pasture	06/13/2014
06/14/2014	10:30 AM	159750	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	01:00 PM	159751	Tomball South		20	14.93	2.538100	2.302057	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	03:00 PM	159752	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	04:15 AM	160235	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	06:15 AM	160236	Tomball North		20	11.39	1.936300	1.756224	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	08:00 AM	160237	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	09:30 AM	160238	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	08:30 AM	160262	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/14/2014
06/14/2014	10:30 AM	160263	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/14/2014
06/16/2014	02:45 PM	160243	Bilma		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/16/2014
06/16/2014	01:30 PM	160265	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/16/2014
06/09/2014	04:00 PM	158994	West Memorial		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/09/2014	03:00 PM	158996	West Memorial		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	09:30 AM	158997	Bilma		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	12:00 AM	158998	Bilma		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	03:30 PM	159415	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	03:30 PM	159416	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/17/2014



Land Application Manifest Summary By Site

<Application Date Range: 06/01/2014 - 08/31/2014>

TCEQ # 22430

Site Type: Land Application
Permit No: WQ0004447000
Site Name: Carl Miller Farms 3 RN102643384
Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres	Land Use	Appl. Date
06/10/2014	04:00 PM	159417	NWHC 21- 23		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	04:00 PM	159418	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	04:00 PM	159519	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	05:00 PM	159520	Rosenberg (1-A)		20	16.50	2.805000	2.544135	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	08:45 AM	159754	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	10:45 AM	159755	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	01:30 PM	159756	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	02:00 PM	160066	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	12:00 PM	160067	HC WCID 92		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	12:00 PM	160068	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	02:00 PM	160071	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	05:00 PM	160221	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/17/2014
06/10/2014	05:00 PM	160222	NWHC 21- 23		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	04:00 AM	160240	Meadow Place		20	11.80	2.006000	1.819442	1	89.78	Hay/Pasture	06/17/2014
06/13/2014	02:30 PM	160241	FB MUD 34 (2)		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/13/2014	03:00 PM	160242	FB MUD 34 (2)		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	08:30 AM	160266	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	10:30 AM	160267	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	12:15 PM	160268	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	05:45 AM	160281	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/17/2014
06/17/2014	09:30 AM	160282	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/17/2014
06/18/2014	01:00 PM	158999	HC MUD 365		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	08:00 PM	159000	HC MUD 365		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/18/2014
06/11/2014	02:00 PM	159420	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/18/2014
06/12/2014	02:00 PM	159743	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	09:30 AM	159757	FB 112		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	11:30 AM	159758	Bellville, City of		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	02:15 PM	159759	Tomball South		20	14.93	2.538100	2.302057	1	89.78	Hay/Pasture	06/18/2014
06/11/2014	03:00 PM	160223	Tomball North		20	11.39	1.936300	1.756224	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	08:00 AM	160270	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	11:00 AM	160271	Pecan Grove		20	18.40	3.128000	2.837096	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	01:00 PM	160272	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	04:30 AM	160285	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/18/2014



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Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres	Land Use	Appl. Date
06/18/2014	06:15 AM	160286	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/18/2014
06/18/2014	08:30 AM	160287	Richmond Regional		20	14.20	2.414000	2.189498	1	89.78	Hay/Pasture	06/18/2014
06/19/2014	09:00 AM	159760	Tomball North		20	11.39	1.936300	1.756224	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	06:30 PM	159797	Northline	6,500		2.20	0.596310	0.540853	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	05:30 PM	160209	Northline	6,500		2.20	0.596310	0.540853	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	02:00 PM	160244	HC MUD 365		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	07:00 AM	160274	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	08:30 AM	160275	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	10:30 AM	160276	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	12:45 PM	160277	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	03:45 AM	160289	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	05:30 AM	160290	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	09:45 AM	160291	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	12:45 PM	160292	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	12:00 PM	160301	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/19/2014
06/19/2014	07:00 PM	160303	Sealy, City of		20	17.00	2.890000	2.621230	1	89.78	Hay/Pasture	06/19/2014
06/20/2014	06:45 AM	160279	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	04:15 AM	160293	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	06:00 AM	160294	Richmond Regional		20	14.20	2.414000	2.189498	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	09:00 AM	160295	Pecan Grove		20	18.40	3.128000	2.837096	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	10:30 AM	160304	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	12:45 PM	160305	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	03:15 PM	160306	Meadow Place		20	11.80	2.006000	1.819442	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	04:00 PM	160309	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/20/2014
06/20/2014	06:30 PM	160310	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/20/2014
06/21/2014	08:30 AM	160081	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/21/2014
06/21/2014	04:30 AM	160298	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/21/2014
06/21/2014	06:15 AM	160299	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/21/2014
06/21/2014	08:15 AM	160300	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/21/2014
06/21/2014	08:45 AM	160307	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/21/2014
06/24/2014	05:30 AM	159629	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/24/2014
06/24/2014	07:15 AM	159630	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/24/2014
06/24/2014	03:00 PM	159633	Sealy, City of		20	17.00	2.890000	2.621230	1	89.78	Hay/Pasture	06/24/2014



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TCEQ # 22430

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Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres	Land Use	Appl. Date
06/24/2014	11:15 AM	159637	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/24/2014
06/24/2014	09:00 AM	160086	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78	Hay/Pasture	06/24/2014
06/24/2014	11:00 AM	160087	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/24/2014
06/24/2014	02:00 PM	160318	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/24/2014
06/25/2014	04:30 AM	159634	Tomball North		20	11.39	1.936300	1.756224	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	06:15 AM	159635	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	08:30 AM	159636	Richmond Regional		20	14.20	2.414000	2.189498	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	06:45 AM	160089	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	03:30 PM	160245	HC MUD 71		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	08:30 AM	160319	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	10:30 AM	160320	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	02:00 PM	160341	HC WCID 92		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	05:00 PM	160342	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/25/2014
06/25/2014	09:30 AM	160362	HC MUD 71		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/25/2014
06/26/2014	06:00 AM	159639	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/26/2014
06/26/2014	07:30 AM	159640	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/26/2014
06/26/2014	10:30 AM	160094	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/26/2014
06/26/2014	12:15 PM	160095	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/26/2014
06/26/2014	02:45 PM	160096	Tomball South		20	14.93	2.538100	2.302057	1	89.78	Hay/Pasture	06/26/2014
06/26/2014	08:30 AM	160363	HC MUD 71		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/26/2014
06/27/2014	04:30 AM	159923	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	06:15 AM	159924	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	07:30 AM	159925	Cinco Central		20	14.00	2.380000	2.158660	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	10:15 AM	159926	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	07:00 AM	160097	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	09:45 AM	160098	FB 30		13	14.60	1.613300	1.463263	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	09:45 AM	160246	HC MUD 71		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/27/2014
06/27/2014	08:00 AM	160344	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	06/27/2014
06/28/2014	05:30 AM	159928	FB 106		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	06/28/2014
06/28/2014	07:15 AM	159929	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/28/2014
06/28/2014	09:15 AM	159930	Pecan Grove		20	18.40	3.128000	2.837096	1	89.78	Hay/Pasture	06/28/2014
06/28/2014	06:15 AM	159935	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	06/28/2014
06/28/2014	09:30 AM	160247	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	06/28/2014



Land Application Manifest Summary By Site

<Application Date Range: 06/01/2014 - 08/31/2014>

TCEQ # 22430

Site Type: Land Application
Permit No: WQ0004447000
Site Name: Carl Miller Farms 3 RN102643384
Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres Land Use	Appl. Date
06/28/2014	09:00 PM	160248	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/28/2014
06/28/2014	01:30 PM	160349	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/28/2014
06/28/2014	03:30 PM	160350	Langham Creek		13	14.00	1.547000	1.403129	1	89.78 Hay/Pasture	06/28/2014
06/28/2014	08:30 AM	161201	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78 Hay/Pasture	06/28/2014
06/28/2014	11:45 AM	161202	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78 Hay/Pasture	06/28/2014
06/28/2014	01:45 PM	161203	Chelford City		20	14.33	2.436100	2.209543	1	89.78 Hay/Pasture	06/28/2014
06/27/2014	01:30 PM	159927	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78 Hay/Pasture	06/29/2014
06/29/2014	09:30 AM	160364	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/29/2014
06/29/2014	07:45 PM	160365	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/29/2014
06/30/2014	09:30 AM	159931	Cinco Central		20	14.00	2.380000	2.158660	1	89.78 Hay/Pasture	06/30/2014
06/30/2014	09:45 AM	160249	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/30/2014
06/30/2014	02:30 PM	160250	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/30/2014
06/30/2014	10:15 AM	160251	HC 358 Fairfield		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	06/30/2014
07/01/2014	04:30 AM	159934	Tomball South		20	14.93	2.538100	2.302057	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	08:45 AM	159936	FB 106		13	12.00	1.326000	1.202682	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	12:00 PM	159937	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	08:30 AM	160352	Langham Creek		13	14.00	1.547000	1.403129	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	10:30 AM	160353	Cinco Central		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	01:00 PM	160354	Pecan Grove		20	18.40	3.128000	2.837096	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	12:30 PM	160366	FB MUD 34 (2)		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	08:30 AM	161206	Ponderosa JPA		20	14.90	2.533000	2.297431	1	89.78 Hay/Pasture	07/01/2014
07/01/2014	10:30 AM	161207	Chelford City		20	14.33	2.436100	2.209543	1	89.78 Hay/Pasture	07/01/2014
07/02/2014	03:30 AM	159938	Chelford City		20	14.33	2.436100	2.209543	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	07:30 AM	159940	Langham Creek		13	14.00	1.547000	1.403129	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	01:00 PM	159982	Sealy, City of		20	17.00	2.890000	2.621230	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	09:00 AM	160252	FB MUD 34 (2)		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	08:00 PM	160253	West Memorial		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	09:00 AM	160355	FB 106		13	12.00	1.326000	1.202682	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	11:00 AM	160356	Cinco Central		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	07:30 AM	161209	HC MUD 200		20	12.00	2.040000	1.850280	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	10:45 AM	161210	Chelford City		20	14.33	2.436100	2.209543	1	89.78 Hay/Pasture	07/02/2014
07/02/2014	01:00 PM	161211	FB 30		13	14.60	1.613300	1.463263	1	89.78 Hay/Pasture	07/02/2014
07/03/2014	03:00 AM	159983	Chelford City		20	14.33	2.436100	2.209543	1	89.78 Hay/Pasture	07/03/2014



Land Application Manifest Summary By Site

<Application Date Range: 06/01/2014 - 08/31/2014>

TCEQ # 22430

Site Type: Land Application
Permit No: WQ0004447000
Site Name: Carl Miller Farms 3 RN102643384
Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Delivery Date	Time	Manifest	Generator	Liquid Gallons	Cake Yards	Percent Solids	Dry Tons	Dry Metric Tons	Field #	Acres	Land Use	Appl. Date
07/03/2014	05:45 AM	159984	HC MUD 26		13	12.00	1.326000	1.202682	1	89.78	Hay/Pasture	07/03/2014
07/03/2014	07:30 AM	159985	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	07/03/2014
07/03/2014	09:00 AM	160367	West Memorial		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	07/03/2014
07/03/2014	07:30 AM	161213	HC WCID 109		20	15.10	2.567000	2.328269	1	89.78	Hay/Pasture	07/03/2014
07/03/2014	09:45 AM	161214	Cinco Central		20	12.00	2.040000	1.850280	1	89.78	Hay/Pasture	07/03/2014
07/03/2014	11:30 AM	161215	Chelford City		20	14.33	2.436100	2.209543	1	89.78	Hay/Pasture	07/03/2014
07/05/2014	08:45 AM	159989	Rosenberg (1-A)		20	16.50	2.805000	2.544135	1	89.78	Hay/Pasture	07/05/2014
07/08/2014	11:15 AM	159998	Langham Creek		13	14.00	1.547000	1.403129	1	89.78	Hay/Pasture	07/08/2014
Site Total				13,000	3,147		370.165720	335.740317				

**Facilities Approved
by TCEQ for
Land Application**

Date: 05/31/2014

Facility Name	Permit Number	Approval Date
BMI Lime Stabilization Facility	4364	3/3/2004
BMI Lime Stabilization Facility	4538	7/26/2004
Addicks	11696-002	2/4/2003
Aldine Jr High	12072-001	2/4/2003
Arcola, City of	13362-001	1/26/2006
Bacliff	10627-001	2/4/2003
Bay View, City of	10770-001	8/22/2012
Bellville, City of	10385-002	3/3/2004
BC1	12332-001	2/4/2003
BC 25	14322-001	7/25/2014
BC 29	14253-001	7/25/2014
BC 31	14546-001	12/2/2011
Bernard Timbers WSC	12097-001	7/26/2004
Bilma	12025-001	1/26/2006
Blue Ridge	11553-001	2/4/2003
Brookshire, City of	10001-002	7/25/2014
Burton, City	12193001	3/4/2014
Carby MHP	14217-001	1/12/2005
Castlewood	11883-001	2/4/2003
Chelford City	14418-001	7/24/2013
Cinco Central	13558-001	2/4/2003
Cinco South	13172-002	2/4/2003
Cinco Southwest	14343-001	12/2/2011
Copperfield	11947-001	2/4/2003
Crosby	11388-001	2/4/2003
Cy-Klein	11366-001	3/3/2004
Durkee Manor	10419-001	3/3/2004
Dynamics Products	11841-001	10/21/2005
Eagle Lake, City of	10505-001	7/25/2014
Easd Montgomery County MUD 3	14379-001	7/25/2014
Emerson EST	14285-001	12/10/2004
Fairgreen	11791-001	2/4/2003
Fondren (HC WCID) Road	10570-001	2/4/2003
Fort Bend 25	12003-001	4/29/2003
Fort Bend 26	12073-001	3/3/2004
Fort Bend 30	12068-001	3/08/2012
Fort Bend 34	12298-001	7/25/2014
Fort Bend 37	12370-001	2/4/2003
Fort Bend 81	13051-002	2/4/2003
Fort Bend 106	12356-001	2/4/2003
Fort Bend 112	12981-001	7/25/2014
Fort Bend 116	13976-001	2/4/2003
Fort Bend 142	14408-001	3/29/2007
Fry Road	11989-001	10/21/2005
Grantham	12070-002	2/4/2003
Greentrails	12289-001	2/4/2003
Harris County Detention Center (HCDC)	13561-001	11/7/2006
Harris County Juvenile Boot Camp (HCBC)	13921-001	12/10/2004
HC/FB 1	12805-001	2/4/2003
HC 8	11727-001	4/29/2013
HCFWSD 6	10184-001	3/3/2004

**Facilities Approved
by TCEQ for
Land Application**

Facility Name	Permit Number	Approval Date
HC FWSD 58	11941-001	2/4/2003
HC WCID 109	11026-002	2/4/2003
HC 24	11988-001	2/4/2003
HC 26	11406-001	2/4/2003
HC 36	13573-001	7/25/2014
HC 58	11941-001	3/3/2004
HC 70	11486-001	1/12/2005
HC 71	11947-001	5/15/2013
HC 82	11799-001	3/3/2004
HC 89	12939-001	4/29/2003
HC WCID 92	10908-001	5/15/2013
HC 104	11925-001	9/5/2012
HC 105	11792-002	4/29/2003
HC 122	12250-001	4/26/2004
HC 130	12574-001	11/14/2013
HC 155	12726-001	2/4/2003
HC 185	12124-001	12/2/2011
HC 196	12447-001	2/4/2003
HC 200	12294-001	3/3/2004
HC 238	12802-001	2/4/2003
HC 249	13765-001	2/4/2003
HC 284	12949-001	2/4/2003
HC 345	12356-001	12/2/2011
HC 358	13290-002	5/15/2013
HC 365	13881-001	4/18/2013
HC 368	12044-001	3/3/2004
HC 374	14354-001	4/10/2013
HC 383	12701-001	7/25/2014
HC 391	14327-001	12/2/2011
HC 405	14448-001	6/6/2013
HC 432	14589-001	11/14/2013
HC 408	14606-001	6/6/2013
Heather Glen	11231-001	2/4/2003
High Meadow	10812-001	2/4/2003
Hillman Schrimp	03719-001	2/4/2003
Holiday Inn Airport	14066-001	2/4/2003
Horsebend Bayou	12128-001	3/15/2011
Hunter's Glen	11618-001	2/4/2003
Inverness Forest	10783-001	2/4/2003
Katy, City of	10706-001	4/29/2003
Langham Creek	11682-001	12/13/2005
Manford Williams Elementary 8	13007-001	4/29/2003
Mayde Creek	11969-001	3/3/2004
Meadow Hill	11215-001	3/3/2004
Meadow Place	11039-001	10/15/2012
MC UD 2	11271-001	5/3/2013
MC 15	11395-001	2/4/2003
MC 24	14116-001	11/14/2013
MC 56	13760-001	12/2/2011
MC 112	14671001	3/15/2011
MC-Woodland Oaks	14166-001	5/3/2013
Missouri City	13873-001	2/4/2003

**Facilities Approved
by TCEQ for
Land Application**

Facility Name	Permit Number	Approval Date
Mustang Bayou	12701-001	7/25/2014
New Ulm	13655-001	2/7/2007
Northforest	10905-001	2/4/2003
Northampton	10910-001	12/10/2004
Northline	10518-001	2/4/2003
North Mission Glen	12379-001	1/15/2013
North Park	11855-001	2/4/2003
NWHC 9	14030-001	2/4/2003
NWHC 10	11912-002	2/4/2003
NWHC 15	11939-001	3/3/2004
NWHC 20	13625-001	3/3/2004
NWHC 21-23	12144-001	3/3/2004
NWHC 24	13760-001	11/14/2013
NWHC 36	13573-001	12/2/2011
Oakwilde	10236-001	3/3/2004
Orange Grove	12070-004	2/4/2003
Palmer Plantation	12937-001	3/3/2004
Pearland, City of	21484-001	3/3/2004
Pecan Grove	11655-001	3/3/2005
Plantation	11971-001	1/12/2005
Plantation Crossing	14490-001	12/2/2011
Ponderosa, Joint Powers	11081-001	2/4/2003
Rayford Road	12030-001	2/4/2003
Remington	11328-001	4/29/2005
Richmond, City of	10258-003	3/15/2011
River Oaks MHP	12692-001	12/10/2004
Riverside MHP(Glen Oaks)	12296-001	11/7/2006
Rosenberg, City of	10607-003	3/20/2013
Sealy, City of	10276-001	3/15/2011
Sienna Plantation	14100-001	3/15/2011
Southern Montgomery County	11001-01	7/26/2005
SWHC 1	12641-001	2/4/2003
Spring Creek	11574-001	2/4/2003
Spring Cypress	13711-001	2/4/2003
Sugarland, City of	12833-001	4/29/2005
Tiki Island	10879-001	2/4/2003
Timbercrest	13487-001	3/3/2004
Timberlake	11267-001	3/8/2012
Timberlane	11142-002	1/26/2006
City of Tomball, North	101616-001	2/26/2013
City of Tomball, South	101616-002	2/26/2013
Varco Shaffer	3994	12/10/2004
Waller, City of	10310-001	9/13/2012
WHC 7	12140-001	12/2/2011
WHC 11	13689-001	2/4/2003
WHC 15	12233-001	12/10/2004
Westlake	11284-001	11/14/2013
West Memorial	11152-001	2/4/2003
Westmont MHP	12761-001	12/10/2004
West Park	12346-001	7/26/2004
Ann Louise Ed Complex (Alief ISD)Wilson	13609-001	2/4/2003
WHC 10 (Winchester)	10472-001	2/4/2003

**Facilities Approved
by TCEQ for
Land Application**

Facility Name	Permit Number	Approval Date
Wild Peach Elementary (CBISD)	12103-001	9/3/2013
Williamsburg	11598-001	3/3/2004
Willow River Farms	13466-001	7/26/2004
Woodcreek	11933-001	2/4/2003
Woodland Oaks	11670-001	3/3/2004

Cumulative Pollutants
August 31, 2014

<i>Pollutants</i>	Cumulative Pollutants 5/31/2014	Weighted Means	Application 6/01/14 to 8/31/2014	Cumulative to 8/31/2014	
	(kg/ha)	(mg/kg)	(kg/ha)	(kg/ha)	(lb./ac.)
Arsenic	3.28	5.03	0.0189	3.30	2.95
Cadmium	0.87	1.54	0.0058	0.88	0.78
Chromium	27.35	19.48	0.0730	27.42	24.48
Copper	31.07	397.48	1.4902	32.56	29.07
Lead	13.77	13.83	0.0519	13.82	12.34
Mercury	0.11	0.52	0.0019	0.11	0.10
Molybdenum	0.65	9.15	0.0343	0.68	0.61
Nickel	6.20	11.76	0.0441	6.24	5.58
Selenium	1.90	9.89	0.0371	1.94	1.73
Zinc	63.29	799.17	2.9962	66.29	59.18

Biosolids Application (6/01/14 to 8/31/14):

4.12 (tons/acre)



Charles E. Pehl, PhD, PG
Compliance Director

Application Rate Report By Site

<Date Range: 06/01/2014 - 08/31/2014>

TCEQ # 22430

Permit No.: WQ0004447000
 Site ID: 04447
 Address: Lat: 29 degrees 54' 5.41"N Lon: 95 degrees 57' 28.05"W Quality: Class B

Generator	Dry Tons	Lbs/Acre	Lbs/Ton	Lbs														
				Arsenic	Cadium	Chromium	Copper	Lead	Mercury	Moly	Nickel	Selenium	Zinc	Phos	Potas	TKN	A-Nit	N-Nit
Bellville, City of	2.38	2.83	106.77	0.02	0.01	0.29	1.75	0.29	0.00	0.02	0.08	0.03	5.06	76.16	7.14	157.08	1.90	4.28
Bilma	6.12	15.24	223.62	0.03	0.01	0.14	4.11	0.16	0.01	0.09	0.13	0.06	10.07	350.06	126.07	793.15	83.23	1.22
Chelford City	73.08	2.67	3.28	0.66	0.25	1.99	22.16	0.33	0.02	1.99	0.83	1.00	137.54	14.62	14.62	14.62	14.62	14.62
Cinco Central	29.92	45.66	137.01	0.16	0.01	0.48	7.84	0.13	0.04	0.20	0.29	0.17	8.98	436.83	143.62	3009.95	490.69	0.00
Eagle Lake WWTP	2.52	1.27	45.29	0.04	0.01	0.15	2.01	0.28	0.01	0.04	0.14	0.09	5.18	79.00	22.14	4.53	0.50	0.00
FB 106	14.59	2.10	12.92	0.75	0.20	0.60	15.64	0.45	0.03	0.71	0.60	0.75	28.87	52.51	2.92	78.76	2.92	2.92
FB 112	1.33	1.26	85.20	0.01	0.01	0.06	1.64	0.01	0.00	0.06	0.06	0.05	2.69	26.25	16.18	62.85	2.39	1.06
FB 30	12.91	38.54	268.05	0.12	0.02	0.42	7.11	0.12	0.03	0.14	0.23	0.19	21.67	304.59	95.51	2865.22	165.20	0.00
HC MUD 34 (2)	8.16	14.13	155.51	0.06	0.01	0.21	6.43	0.11	0.03	0.11	0.21	0.12	34.44	249.70	39.17	884.54	52.22	1.63
HC 358 Fairfield Vil	14.28	45.63	286.88	0.35	0.02	0.43	59.98	0.34	0.02	0.29	0.34	0.34	27.70	714.00	257.04	2570.40	456.96	8.57
HC MUD 200	14.28	41.45	260.63	0.09	0.02	0.27	6.31	0.17	0.00	0.17	0.37	0.14	12.97	716.86	245.62	2413.32	322.73	2.86
HC MUD 26	9.28	20.72	200.49	0.06	0.01	0.34	3.01	0.17	0.00	0.10	0.18	0.17	9.47	339.72	126.24	1022.88	94.68	263.61
HC MUD 365	6.12	4.37	64.18	0.06	0.06	0.23	1.46	0.11	0.01	0.11	0.17	0.23	8.48	91.80	91.80	133.42	36.72	28.15
HC MUD 71	8.16	11.86	130.49	0.07	0.05	0.46	5.24	0.80	0.03	0.29	0.32	0.05	11.39	97.92	44.06	765.41	114.24	24.48
HC WCID 109	25.67	1.86	6.50	0.24	0.12	1.07	17.19	1.43	0.02	0.36	1.07	0.24	52.89	5.13	5.13	35.94	10.27	35.94
HC WCID 92	7.70	23.31	271.87	0.05	0.02	0.24	4.73	0.26	0.01	0.15	0.21	0.12	12.98	243.35	67.77	1463.19	300.34	0.00
Langham Creek	18.56	38.05	184.08	0.13	0.05	0.59	15.97	0.59	0.01	0.33	0.45	0.22	34.53	519.79	193.07	2524.70	111.38	14.85
Meadow Place	8.02	4.31	48.27	0.07	0.02	0.76	7.56	0.51	0.00	0.08	0.23	1.17	20.54	150.85	38.52	162.08	1.60	3.21
Northline	1.19	2.84	214.65	0.01	0.00	0.06	0.44	0.07	0.00	0.01	0.04	0.02	2.67	31.96	7.63	115.92	8.11	88.49
NWHC 21- 23	4.08	4.69	103.41	0.03	0.01	0.15	2.29	0.10	0.00	0.06	0.11	0.05	6.23	152.59	41.62	172.18	45.70	0.82
Pecan Grove Wastewat	15.64	5.83	33.48	0.24	0.04	0.92	17.72	0.87	0.00	0.17	0.44	0.22	30.69	56.30	71.94	247.11	3.13	93.84
Ponderosa JPA	27.86	58.96	190.02	0.09	0.02	0.22	4.66	0.46	0.03	0.12	0.28	0.12	16.44	479.24	156.03	4090.29	317.64	228.48
Richmond Regional WW	9.66	3.81	35.43	0.04	0.03	1.49	14.94	0.66	0.00	0.21	0.37	0.08	21.32	34.76	52.14	198.91	11.59	5.79
Rosenberg (1-A)	5.61	3.14	50.35	0.02	0.02	0.17	3.55	0.02	0.00	0.10	0.19	0.12	4.51	68.44	54.98	115.57	12.34	22.44
Sealy, City of	14.45	32.92	204.54	0.10	0.06	1.58	9.39	0.81	0.03	0.19	0.67	0.27	20.79	549.10	106.93	2196.40	69.36	0.00
Tomball North WWTP	7.75	13.28	153.88	0.04	0.02	0.34	12.61	0.35	0.01	0.22	0.21	0.15	13.76	232.36	26.33	848.87	57.31	0.00
Tomball South WWTP	12.69	22.88	161.93	0.03	0.02	0.57	32.49	0.34	0.01	0.22	0.28	1.03	17.39	302.03	50.76	1543.16	93.91	12.69
West Memorial	8.16	17.25	189.80	0.15	0.01	0.20	6.04	0.29	0.02	0.23	0.18	0.11	12.40	244.80	60.38	1011.84	212.16	0.00
Total	370.17	480.96	116.65	3.73	1.14	14.42	294.27	10.24	0.39	6.78	8.70	7.33	591.66	6620.75	2165.35	29502.31	3093.84	859.95
Weighted Test Data				5.03	1.54	19.48	397.48	13.83	0.52	9.15	11.76	9.89	799.17	0.89	0.29	3.98	0.42	0.12