



Quarterly Sludge Summary Report Form

(Class B)

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 operate other registered/permited sludge land application sites, a form should be submitted for each site.

Note 4: Please send a copy of this sheet and all attachments to the TCEQ regional office in your area.

For TCEQ Quarter 4th Reporting period from June 1, 2014 to August 31, 2014

PERMIT NO.: 04462 DATE: September 1, 2014

NAME OF PERMITTEE: Sprint Waste Services

MAILING ADDRESS: 1820 Candle Ridge Park Dr.
Houston, Tx 77073

Contact Name: Zach Divin Telephone No: 979-733-6201

Field Number (if any): J (Submit separate form for each field, if site has two or more fields)

- 1. Class B Sewage Sludge Land Applied: 584.7 dry tons / quarter
- 2. Treated Domestic Septage - Land Applied: 0.00 gallons / quarter
Method used to treat Domestic Septage: N/A
- 3. Water Treatment Plant Sludge - Land Applied: 0.00 dry tons / quarter
- 4. Class A sludge land applied : 0.00 dry tons / quarter
 - a. Acreage used for Sludge Application/disposal at this site: 145 acres
 - b. Site Vegetation (such as grass type etc) and # of cuttings: Bermuda-hay cutting & heavy 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: 30 Deg 04 Min, Longitude: 96 Deg 05 Min
 - e. Site physical address: 4.8 miles west of the intersection of Hwy 290 & Hwy 6

Sewage Sludge Only - Please attach information regarding the following items:

* Please note the following information should be provided in computer-generated report format:

* Please place check mark before each item below to indicate that the item is attached to 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 QUARTERLY REPORT TO :

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

Sludge Application Information
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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
06/05/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/05/14	PORTER MUD	J	1.4	N	Y	Y	N	N
06/05/14	PORTER MUD	J	1.4	N	Y	Y	N	N
06/06/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/06/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/06/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/09/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/09/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/09/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
06/10/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/11/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/11/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/11/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/11/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/11/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
06/12/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/12/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/12/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/13/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/13/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N

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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
06/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/16/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/16/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
06/17/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/17/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/18/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/18/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/18/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/19/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/19/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/19/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
06/20/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/20/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/23/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/23/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
06/24/14	COPPERFIELD	J	1.82	N	Y	Y	N	N

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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
06/25/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/25/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/26/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/26/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N
06/26/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
06/27/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/27/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
06/30/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
06/30/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
06/30/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/01/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/01/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/02/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/02/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/02/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/02/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/02/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
07/03/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/03/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/07/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/07/14	COPPERFIELD	J	1.82	N	Y	Y	N	N

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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
07/07/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/07/14	NW HC MUD 005	J	0.47	N	Y	Y	N	N
07/08/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/08/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/08/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/09/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/09/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/09/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/09/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/09/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/10/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/10/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
07/10/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
07/11/14	CITY OF WALLIS	J	7.93	N	Y	Y	N	N
07/11/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/11/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/14/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/14/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/14/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N

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07/14/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/15/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/15/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/15/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/15/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/15/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/15/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/15/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/15/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/15/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/15/14	SOUTHERN MONTGOMERY C	J	3.71	N	Y	Y	N	N
07/16/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/16/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/16/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/16/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/16/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/16/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/16/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/17/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/17/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/17/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/17/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/17/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
07/18/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/18/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N

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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
07/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/18/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/18/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/21/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/21/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/21/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/21/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/21/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
07/21/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/21/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/21/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
07/22/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/22/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/22/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/22/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/22/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/22/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/22/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/22/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/23/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/23/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/23/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/23/14	MILLS ROAD MUD WWTP	J	2.02	N	Y	Y	N	N
07/23/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N

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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
07/23/14	WCID 110	J	3.71	N	Y	Y	N	N
07/24/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/24/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/24/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/25/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/25/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/28/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/28/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/28/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/28/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/28/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/28/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/28/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
07/29/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/29/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/29/14	KATY WWTP	J	0.5	N	Y	Y	N	N
07/30/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/30/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/30/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
07/31/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
07/31/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
07/31/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/01/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/01/14	COPPERFIELD	J	1.82	N	Y	Y	N	N

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08/01/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
08/04/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/04/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/05/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/06/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/07/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/07/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
08/07/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
08/08/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/08/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/11/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/11/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/11/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N

Sludge Application Information
 4th Quarter June-July-August, 2014

LOOK
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Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/11/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/11/14	WCID 110	J	3.71	N	Y	Y	N	N
08/11/14	WCID 110	J	3.71	N	Y	Y	N	N
08/12/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/12/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/12/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/12/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/13/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/13/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/13/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
08/13/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N

Sludge Application Information
 4th Quarter June-July-August, 2014

LOOK
 4462

Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
08/19/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/20/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/20/14	MILLS ROAD MUD WWTP	J	2.02	N	Y	Y	N	N
08/20/14	WCID 110	J	3.71	N	Y	Y	N	N
08/20/14	WCID 110	J	3.71	N	Y	Y	N	N
08/20/14	WCID 110	J	3.71	N	Y	Y	N	N
08/21/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/21/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
08/21/14	MILLS ROAD MUD WWTP	J	2.02	N	Y	Y	N	N
08/21/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
08/22/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/22/14	MILLS ROAD MUD WWTP	J	2.02	N	Y	Y	N	N
08/25/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/25/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/25/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/25/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
08/26/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/26/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/26/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N

Sludge Application Information
 4th Quarter June-July-August, 2014

LOOK
 4462

Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
08/26/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/26/14	NOTTINGHAM WWTP	J	2.97	N	Y	Y	N	N
08/27/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/27/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/27/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/27/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/27/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/27/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/27/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/27/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/27/14	KATY WWTP	J	0.5	N	Y	Y	N	N
08/28/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/28/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/28/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/28/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/28/14	PRESTONWOOD MUD	J	2.23	N	Y	Y	N	N
08/29/14	BAMMEL UTILITY DISTRICT	J	2.23	N	Y	Y	N	N
08/29/14	COPPERFIELD	J	1.82	N	Y	Y	N	N
08/29/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/29/14	HASTINGS GREEN	J	2.23	N	Y	Y	N	N
08/29/14	HC MUD 189	J	0.3	N	Y	Y	N	N
08/29/14	JACK RABBIT ROAD PUD	J	3.71	N	Y	Y	N	N
08/29/14	SOUTHERN MONTGOMERY C	J	3.71	N	Y	Y	N	N
08/29/14	SOUTHERN MONTGOMERY C	J	3.71	N	Y	Y	N	N

Regulated Entity: RN103015509
Permit: WQ004462

Customer: CN603212135
Physical Location: 4.8 mi. W of intx of Hwy 290 Hwy 6

LOOK RANCH
TRS ENVIROGANICS

Sludge Delivery Dates

06/05/14	08/07/14
06/06/14	08/08/14
06/09/14	08/11/14
06/10/14	08/12/14
06/11/14	08/13/14
06/12/14	08/14/14
06/13/14	08/15/14
06/16/14	08/18/14
06/17/14	08/19/14
06/18/14	08/20/14
06/19/14	08/21/14
06/20/14	08/22/14
06/23/14	08/25/14
06/24/14	08/26/14
06/25/14	08/27/14
06/26/14	08/28/14
06/27/14	08/29/14
06/30/14	
07/01/14	
07/02/14	
07/03/14	
07/07/14	
07/08/14	
07/09/14	
07/10/14	
07/11/14	
07/14/14	
07/15/14	
07/16/14	
07/17/14	
07/18/14	
07/21/14	
07/22/14	
07/23/14	
07/24/14	
07/25/14	
07/28/14	
07/29/14	
07/30/14	
07/31/14	
08/01/14	
08/04/14	
08/05/14	
08/06/14	

Site # 04462

Field J

Suggested Agronomic rate 12

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.5241	0.5277	6.1969	44.7894	3.8877	1.9228	1.0519	2.2868	7.3584	79.7878



CUMULATIVE LOADING CERTIFICATION

"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 made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the requirements to obtain information have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

SLUDGE APPLIERS CERTIFICATION

"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 made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

SITE RESTRICTIONS CERTIFICATION

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

Signature: Zach Divin

Printed Name: Zach Divin

Title: Land & Environmental Manager

Date: 9/12/2014

Period: 4th QTR



EASTEX ENVIRONMENTAL LABORATORY, INC.

P. O. Box 1089
Coldspring, Texas 77331

(936) 653-3249 (800) 525-0508
www.eastexlabs.com eastexlab@eastex.net



Bammel UD
Water District Management
P.O. Box 579
Spring, TX 77383

Biosolids Pathogen and Vector Attraction Analysis LABORATORY ANALYSIS REPORT

Project ID: Bammel Dig

Collect Date:	10/17/2013	SampleType:	Grab
Site:	Digester	Collect Time:	10:25 AM
Sample Number:	C1350058-01	Collector:	CAG

Test	*	Result	Units	Tech	Date	Time	Method
Fecal Coliform IDEXX	N	93837	MPN/gram	SDS	10/17/2013	3:30:00 P	Colilert 18
Percent Solid	A	2.00	%	CRT	10/18/2013	10:25:00	SM 2540G
Vector	N	0.81	mg O2/hr/g	SDS	10/17/2013	6:05:00 P	TAC 312.83(b)(4)
Volatile Percent Solid	A	64.8	%	CRT	10/21/2013	2:30:00 P	SM 2540G

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g. For Class A = 1,000 MPN/g

40 CFR 503 Criterion for Vector Class B = <1.5 mg/O2/g Solids/hr

*Fecal Coliform result is a geometric mean of seven individual samples.

Pam P. Hickman, Laboratory Manager

Received

Date Entered in EATS:

11/28/14

DEC 12 2013

Cert List Updated on:

SK

*NELAC Status:A=Accredited N=Accreditation not offered O=Not Accredited P=Approved

Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses. The test results in this report relate only to the samples received and the report shall not be reproduced except in full, without the approval of the laboratory.

Thursday, December 05, 2013

Page 1 of 1

EL12_CustRept_PSRP 020413

ENVIRODYNE LABORATORIES, INC.
11011 BROOKLET Dr. #230
HOUSTON, TEXAS 77099
(281) 568-7880

CERTIFICATE OF ANALYSIS

CLIENT: COPPERFIELD MUD LAB NUMBER: 13J1343B
DATE COLLECTE 14-Oct-13 DATE RECEIVED: 14-Oct-13
DATE COMPLETE 15-Nov-13 SAMPLED BY: CC

SAMPLE TYPE: Processes to Significantly Reduce Pathogens (PSRP)

LOCATION: BELT PRESS CAKE LIMITS

PARAMETERS:

Microbial Populations

Fecal Coliform (Colonies/gram)
(Geo Mean. = 7) 16,900 2,000,000 CFU/g/TS

Vector Attraction Pontential

Specific Oxygen Uptake Rate
(mg Oxygen/gram solids/Hr.) 0.22 1.5 mgO₂/gram/Hr.

Sludge Characteristics

Total Solids (%)	13.10	N/A
Volatile Solids (%)	7.10	N/A
Organic Conc. (%)	54.2	
Soil pH - Measured in Water (Units)	7.05	> 5.50
Sample Temp. (C/F)	N/A	20/68 (+/- 10C)
Ambient Temp. (C/F)	N/A	N/A
Test Temp. - Start / Stop (C)	22/22	(+/- 1C) - Var.

Note: SOUR diluted to TS <2%


CERTIFIED BY

Ref. STANDARD METHODS 18th Ed. & *EPA SW-846
9222D - F. COLI 2540G - TS & VS
2710B - SOUR *9045 - pH

ENVIRODYNE LABORATORIES, INC.
11011 BROOKLET Dr. #230
HOUSTON, TEXAS 77099
(281) 568-7880

CERTIFICATE OF ANALYSIS

CLIENT: JACKRABBIT PUD LAB NUMBER: 14B2511B

DATE COLLECTED: 26-Feb-14 DATE RECEIVED: 26-Feb-14

DATE COMPLETED: 13-Mar-14 SAMPLED BY: FW

SAMPLE TYPE: Processes to Significantly Reduce Pathogens (PSRP)

LOCATION: Digester LIMITS

PARAMETERS:

Microbial Populations

Fecal Coliform (Colonies/gram)
(Geo Mean = 7) 2,200 000,000 CFU/g/l

Vector Attraction Potential

Specific Oxygen Uptake Rate
(mg Oxygen/gram solids/Hr.) 0.61 1.5 mgO2/gram

Sludge Characteristics

Total Solids (%) 2.10 N/A

Volatile Solids (%) 1.50 N/A

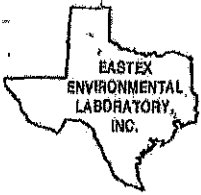
Organic Conc. (%) 71.4

Soil pH - Measured in Water (Units) 6.23 > 5.50

SOUR diluted to TS < 2.0%


CERTIFIED BY

Ref. STANDARD METHODS 18th Ed. & *EPA SW-846
9222D - F. COLI :540G - TS & VS
2710B - SOUR *9045 - pH



EASTEX ENVIRONMENTAL LABORATORY, INC.

P. O. Box 1089
Coldspring, Texas 77331

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www.eastexlabs.com eastexlab@eastex.net



Mills Road
Water District Management
P.O. Box 579
Spring, TX 77383

Biosolids Pathogen and Vector Attraction Analysis LABORATORY ANALYSIS REPORT

Project ID: Mills Rd Digester

Collect Date:	6/19/2014	Sample Type:	Grab
Site:	Digester	Collect Time:	12:55 PM
Sample Number:	C1429609-01	Collector:	CAG

Test	*	Result	Units	Tech	Date	Time	Method
Fecal Coliform IDEXX	N	24305	MPN/gram	SDS	6/19/2014	4:45:00 P	Colilert 18
Percent Solid	A	2.30	%	WGW	6/20/2014	2:15:00 P	SM 2540G
Vector	N	0.46	mg O2/hr/g	SDS	6/19/2014	7:15:00 P	TAC 312.83(b)(4)
Volatile Percent Solid	A	70.3	%	WGW	6/23/2014	1:00:00 P	SM 2540G

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g, For Class A = 1,000 MPN/g

40 CFR 503 Criterion for Vector Class B = <1.5 mg/O2/g Solids/hr

*Fecal Coliform result is a geometric mean of seven individual samples.

Pam P. Hickman, Laboratory Manager

*NELAC Status:A=Accredited N=Accreditation not offered O=Not Accredited P=Approved

Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses.

The test results in this report relate only to the samples received and the report shall not be reproduced except in full, without the approval of the laboratory.



EASTEX ENVIRONMENTAL LABORATORY, INC.

P. O. Box 1089
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www.eastexlabs.com eastexlab@eastex.net



Southern Montgomery Co. MUD
25212 Interstate 45
Spring, TX 77386

Biosolids Pathogen and Vector Attraction Analysis LABORATORY ANALYSIS REPORT

Project ID: SMC Digester

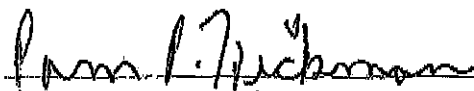
Collect Date:	4/8/2014	Sample Type:	Grab
Site:	Digester	Collect Time:	10:00 AM
Sample Number:	C1418950-01	Collector:	MBB

Test	*	Result	Units	Tech	Date	Time	Method
Fecal Coliform IDEXX	N	41138	MPN/gram	SDS	4/8/2014	3:18:00 PM	Colliert 1B
Percent Solid	A	2.60	%	ANP	4/9/2014	1:20:00 PM	SM 2540G
Vector	N	0.78	mg O2/hr/g	SDS	4/8/2014	4:50:00 PM	TAC 312.83(b)(4)
Volatile Percent Solid	A	71.4	%	CRT	4/10/2014	2:00:00 P	SM 2540G

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g. For Class A = 1,000 MPN/g

40 CFR 503 Criterion for Vector Class B = <1.5 mg/O2/g Solids/hr

*Fecal Coliform result is a geometric mean of seven individual samples.


Pam P. Hickman, Laboratory Manager

*NELAC Status: A=Accredited N=Accreditation not offered Q=Not Accredited P=Approved

Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses.

The test results in this report relate only to the samples received and the report shall not be reproduced except in full, without the approval of the laboratory.

ENVIRODYNE LABORATORIES, INC.
11011 BROOKLET Dr. #230
HOUSTON, TEXAS 77099
(281) 568-7880

CERTIFICATE OF ANALYSIS

CLIENT: HCWCID #110 LAB NUMBER: 13L1198B
(EDP)
DATE COLLECTED: 11-Dec-13 DATE RECEIVED: 11-Dec-13
DATE COMPLETED: 13-Jan-14 SAMPLED BY: MB

SAMPLE TYPE: Processes to Significantly Reduce Pathogens (PSRP)

LOCATION:	DIGESTER	LIMITS
PARAMETERS:	@ 1620	
Microbial Populations		
Fecal Coliform (Colonies/gram) (Geo Mean = 7)	14,000	2,000,000 CFU/g/TS
Vector Attraction Potential		
Specific Oxygen Uptake Rate (mg Oxygen/gram solids/Hr.)	1.10	1.5 mgO ₂ /gram/Hr.
Sludge Characteristics		
Total Solids (%)	1.90	N/A
Volatile Solids (%)	1.30	N/A
Organic Concentration (%)	68.40	N/A
Soil pH - Measured in Water (Units)	6.94	> 5.50
Sample Temp. (C/F)	N/A	20/68 (+/- 10C)
Ambient Temp. (C/F)	N/A	N/A
Test Temp. - Start / Stop (C)	22/22	(+/- 1C) - Var.

SOUR diluted to TS < 2%


CERTIFIED BY

Ref. STANDARD METHODS 21st Ed. & *EPA SW-846
9222D - F. COLI 2540G - TS & VS
2710B - SOUR *9045 - pH



Chaparral Laboratories, Inc.



T104704204

861 State Hwy 19 P.O. Box 1622 Huntsville, TX 77342-1622 www.chaparrallabs.com Phone: 936-291-1881 Fax: 936-295-1731

Certificate of Analysis

City of Wallis
Attn: Victor Svoboda
P.O. Box 190
Wallis, TX 77485-0190

Customer ID: CWALLIS
Sample ID: 14020931
Date Received: 02/27/2014
Date Reported: 03/24/2014

Project: City of Wallis
Location: Austin County, TX

Analytical Results

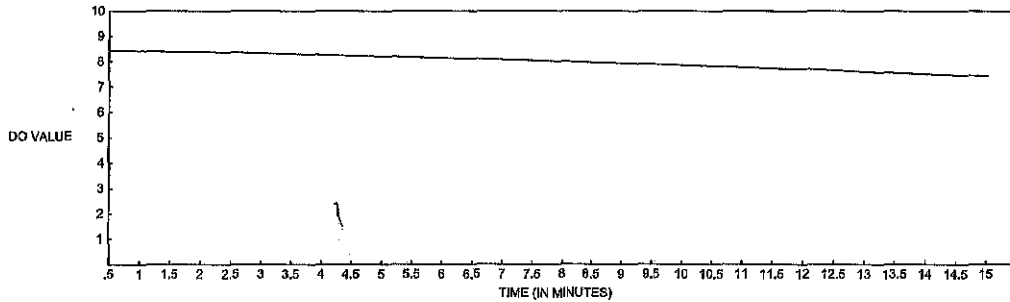
Collection Point: Digester	Date/Time Collected: 02/27/2014 12:10
Sample Type: Grab	Collector: JWH

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrd
Ammonia Nitrogen	0.36	%	03/21/2014 10:01	JCG	-01	EPA 350.2	QC1403293	NELAC
Cadmium	2.7	mg/kg	03/18/2014 12:22	TLP	-01	EPA 7000 B	QC1403239	NELAC
Chromium	51.5	mg/kg	03/18/2014 13:10	TLP	-01	EPA 7000 B	QC1403236	NELAC
Copper	395.8	mg/kg	03/18/2014 10:26	TLP	-01	EPA 7000 B	QC1403237	NELAC
Lead	90.9	mg/kg	03/18/2014 12:45	TLP	-01	EPA 7000 B	QC1403240	NELAC
Mercury	1.3	mg/kg	03/20/2014 11:02	TLP	-01	EPA 7471 A	QC1403276	NELAC
Nickel	33.9	mg/kg	03/18/2014 10:49	TLP	-01	EPA 7000 B	QC1403238	NELAC
Oxygen Uptake Rate	<0.1	mg/g/h	03/04/2014 10:23	MHB	-01	SM 2710 B	QC1403163	
Total Kjeldahl Nitrogen	3.06	%	03/19/2014 08:15	JCG	-01	SM 4500-NH3 C	QC1403294	
Total Phosphorus	2.90	%	03/19/2014 07:28	JCG	-01	EPA 365.2	QC1403292	NELAC
Total Potassium	0.23	%	03/18/2014 13:33	TLP	-01	EPA 7000 B	QC1403235	NELAC
Total Solids	57.9	%	03/03/2014 15:10	TLP	-01	SM 2540 G	QC1403037	NELAC
Zinc	1662	mg/kg	03/18/2014 14:12	TLP	-01	EPA 7000 B	QC1403241	NELAC
Arsenic	14.5	mg/kg	03/11/2014 13:13	SA	-02	EPA 6010	QC1403176	NELAC
Molybdenum	6.27	mg/kg	03/11/2014 13:13	SA	-02	EPA 6010	QC1403177	NELAC
Nitrate Nitrogen	<0.002	%	03/11/2014 15:06	SA	-02	SM 4500-NO3	QC1403179	NELAC
Selenium	12.0	mg/kg	03/11/2014 13:13	SA	-02	EPA 6010	QC1403178	NELAC
7 Pt Fecal Geometric Mean	10024	CFU/g/TS	03/01/2014 13:35	TLP	-03	Calculation	QC1403040	
Fecal Coliform	11104	CFU/g/TS	02/28/2014 12:06	TLP	-03	SM 9222 D	QC1403039	NELAC
Fecal Coliform	7226	CFU/g/TS	02/28/2014 12:06	TLP	-04	SM 9222 D	QC1403039	NELAC
Fecal Coliform	21968	CFU/g/TS	02/28/2014 12:06	TLP	-05	SM 9222 D	QC1403039	NELAC
Fecal Coliform	12542	CFU/g/TS	02/28/2014 12:06	TLP	-06	SM 9222 D	QC1403039	NELAC
Fecal Coliform	7366	CFU/g/TS	02/28/2014 12:06	TLP	-07	SM 9222 D	QC1403039	NELAC
Fecal Coliform	5437	CFU/g/TS	02/28/2014 12:06	TLP	-08	SM 9222 D	QC1403039	NELAC
Fecal Coliform	11483	CFU/g/TS	02/28/2014 12:06	TLP	-09	SM 9222 D	QC1403039	NELAC

Quality Control

Analysis performed on sludge sample received on 04/29/2014 15:01 collected by Kenneth Elliot from the Digester at 04/29/2014 06:50

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Collform Sample ID: 11063328	42,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063329	53,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063330	20,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063331	58,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063332	37,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063333	39,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Sample ID: 11063334	20,000	CFU/g TS	SM 9222 D	SG	04/29/2014 14:34
Fecal Collform Geometric Mean	3.6E+04	36,000	CFU/g TS		
Total Solids Sample ID: 11063323	1.3	%	SM 2540 G	LRS	04/30/2014 20:19
S.O.U.R. Test Sample ID: 11063323	0.75	mg O2/hr/g TS	SM 2710 B	SG	04/29/2014 08:18



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

CLASS B - PASS

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal collform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

W. Lambin
 Wendy Lambin - Project Manager



EASTEX ENVIRONMENTAL LABORATORY, INC.

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Coldspring, Texas 77331

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Porter MUD
P.O. Box 1030
Porter, TX 77365

Biosolids Pathogen and Vector Attraction Analysis
LABORATORY ANALYSIS REPORT

Project ID: Porter Digester

Collect Date:	7/9/2014	Sample Type:	Grab
Site:	Digester	Collect Time:	10:40 AM
Sample Number:	C1433117-01	Collector:	CAG

Test	*	Result	Units	Tech	Date	Time	Method
Fecal Coliform IDEXX	N	2306925	MPN/gram	SDS	7/9/2014	6:46:00 PM	Colilert 18
Percent Solid	A	1.90	%	WGW	7/11/2014	1:20:00 P	SM 2540G
Vector	N	0.58	mg O2/hr/g	SDS	7/9/2014	5:30:00 PM	TAC 312.83(b)(4)
Volatile Percent Solid	A	58.1	%	CEW	7/15/2014	11:30:00 A	SM 2540G

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g. For Class A = 1,000 MPN/g
40 CFR 503 Criterion for Vector Class B = <1.5 mg/O2/g Solids/hr
*Fecal Coliform result is a geometric mean of seven individual samples.

Pam P. Hickman, Laboratory Manager

*NELAC Status:A=Accredited N=Accreditation not offered O=Not Accredited P=Approved
Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses.
The test results in this report relate only to the samples received and the report shall not be reproduced except in full, without the approval of the laboratory.



Chaparral Laboratories, Inc.



T104704204

861 State Hwy 19 P.O. Box 1622 Huntsville, TX 77342-1622 www.chaparrallabs.com Phone: 936-291-1881 Fax: 936-295-1731

Certificate of Analysis

City of Katy
Attn: Eddie Pierce
P.O. Box 617
Katy, TX 77492

Customer ID: CKATY
Sample ID: 14080169
Date Received: 08/07/2014
Date Reported: 09/08/2014

Project: City of Katy WWTP
Location: Fort Bend County, TX

Analytical Results

Collection Point: Digester 4A	Date/Time Collected: 08/07/2014 09:15
Sample Type: Grab	Collector: CRH

Parameter	Result	Units	Date/Time	Analyst	Bottle	Method	QC ID	Acrd
Ammonia Nitrogen	<0.002	%	08/22/2014 09:56	JCG	-01	EPA 350.2	QC1408399	NELAC
Arsenic	1.4	mg/kg	09/02/2014 14:01	TLP	-01	EPA 7010	QC1409022	NELAC
Cadmium	<2.0	mg/kg	09/02/2014 13:51	TLP	-01	EPA 7000 B	QC1409044	NELAC
Chromium	49.3	mg/kg	09/02/2014 15:54	TLP	-01	EPA 7000 B	QC1409041	NELAC
Copper	458.5	mg/kg	09/02/2014 10:12	TLP	-01	EPA 7000 B	QC1409042	NELAC
Lead	39.1	mg/kg	09/02/2014 15:12	TLP	-01	EPA 7000 B	QC1409045	NELAC
Mercury	1.0	mg/kg	08/22/2014 15:18	TLP	-01	EPA 7471 A	QC1408392	NELAC
Molybdenum	14.4	mg/kg	09/02/2014 09:29	TLP	-01	EPA 7010	QC1409024	NELAC
Nickel	14.0	mg/kg	09/02/2014 10:50	TLP	-01	EPA 7000 B	QC1409043	NELAC
Nitrate Nitrogen	0.8068	%	08/13/2014 15:09	TLP	-01	EPA 353.2	QC1408228	
Oxygen Uptake Rate	0.16	mg/g/h	08/11/2014 10:51	JCG	-01	SM 2710 B	QC1408218	
Selenium	3.6	mg/kg	09/02/2014 11:52	TLP	-01	EPA 7010	QC1409023	NELAC
Total Kjeldahl Nitrogen	3.35	%	08/14/2014 08:16	JCG	-01	SM 4500-NH3 C	QC1408415	
Total Phosphorus	1.21	%	08/19/2014 08:01	JCG	-01	EPA 365.2	QC1408398	NELAC
Total Potassium	0.27	%	09/03/2014 08:07	TLP	-01	EPA 7000 B	QC1409040	NELAC
Total Solids	1.6	%	08/11/2014 16:12	TLP	-01	SM 2540 G	QC1408230	NELAC
Zinc	917.1	mg/kg	09/03/2014 08:42	TLP	-01	EPA 7000 B	QC1409046	NELAC
7 Pt Fecal Geometric Mean	35871	CFU/g/TS	08/09/2014 11:45	TLP	-02	Calculation	QC1408250	
Fecal Coliform	34753	CFU/g/TS	08/08/2014 08:45	TLP	-02	SM 9222 D	QC1408249	NELAC
Fecal Coliform	24606	CFU/g/TS	08/08/2014 08:45	TLP	-03	SM 9222 D	QC1408249	NELAC
Fecal Coliform	36860	CFU/g/TS	08/08/2014 08:45	TLP	-04	SM 9222 D	QC1408249	NELAC
Fecal Coliform	50369	CFU/g/TS	08/08/2014 08:45	TLP	-05	SM 9222 D	QC1408249	NELAC
Fecal Coliform	37464	CFU/g/TS	08/08/2014 08:45	TLP	-06	SM 9222 D	QC1408249	NELAC
Fecal Coliform	46405	CFU/g/TS	08/08/2014 08:45	TLP	-07	SM 9222 D	QC1408249	NELAC
Fecal Coliform	27689	CFU/g/TS	08/08/2014 08:45	TLP	-08	SM 9222 D	QC1408249	NELAC
TCLP	See Pace Report			SA	-09	N/A	QC1408460	NELAC
PCB	See Pace Report			SA	-11	N/A	QC1408461	NELAC



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NWHC MUD 5
Municipal District Services,
406 W Grand Pkwy S, Ste
Katy, TX 77494


Biosolids Pathogen and Vector Attraction Analysis LABORATORY ANALYSIS REPORT

Project ID: NWHC MUD 5 Digester

Collect Date:	9/3/2013	Sample Type:	Grab
Site:	Digester	Collect Time:	12:20 PM
Sample Number:	C1342423-01	Collector:	ANP

Test	*	Result	Units	Tech	Date	Time	Method
Fecal Coliform IDEXX	N	3577	MPN/gram	SDS	9/3/2013	4:44:00 PM	Colilert 18
Percent Solid	A	1.60	%	ANP	9/4/2013	9:20:00 AM	SM 2540G
Vector	N	0.20	mg O ₂ /hr/g	SDS	9/3/2013	6:23:00 PM	TAC 312.83(b)(4)
Volatile Percent Solid	A	57.9	%	CRT	9/6/2013	12:00:00 P	SM 2540G

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g. For Class A = 1,000 MPN/g
40 CFR 503 Criterion for Vector Class B = <1.5 mg/O₂/g Solids/hr
*Fecal Coliform result is a geometric mean of seven individual samples.


Pam P. Hickman, Laboratory Manager

*NELAC Status:A=Accredited N=Accreditation not offered O=Not Accredited P=Approved
Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses.
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Prestonwood
Water District Management
P.O. Box 579
Spring, TX 77383

Biosolids Pathogen and Vector Attraction Analysis LABORATORY ANALYSIS REPORT

Project ID: Prestonwood Digester

Collect Date:	8/13/2013	Sample Type:	Grab
Site:	Digester	Collect Time:	8:30 AM
Sample Number:	C1338895-01	Collector:	SRA

Test	*	Result	Units	Tech	Date	Time	Method
Percent Solid	A	1.70	%	ANP	8/14/2013	9:55:00 A	SM 2640G
Vector	N	0.69	mg O2/hr/g	SDS	8/13/2013	6:16:00 P	TAC 312.63(6)4

40 CFR 503 Criterion for Fecal Coliform Class B = 2,000,000 MPN/g. For Class A = 1,000 MPN/g

40 CFR 503 Criterion for Vector Class B = <1.6 mg/O2/g Solids/hr

*Fecal Coliform result is a geometric mean of seven individual samples.

Pam P. Hickman, Laboratory Manager

*NELAC Status: A=Accredited N=Accreditation not offered O=Not Accredited P=Approved

Most current versions applicable for methods listed are being used. Sample was diluted to less than 2% prior to sour analyses.

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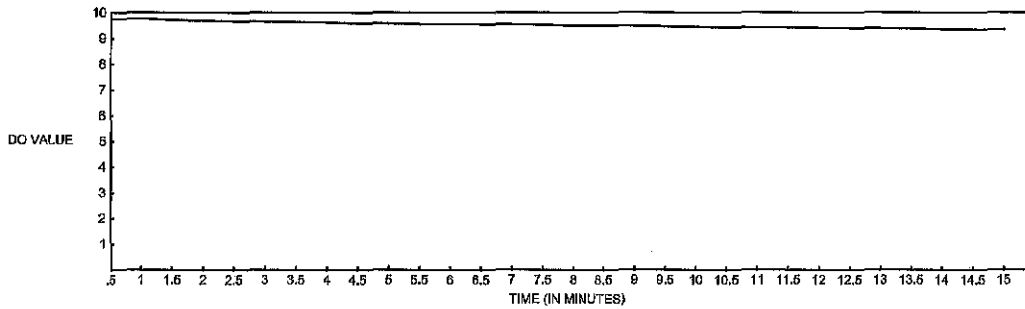
Wednesday, August 21, 2013

Page 1 of 1

EL12_CustRepl_PSRP 020413

Analysis performed on sludge sample received on 01/06/2013 12:08 collected by Angel Rodriguez from the Digester at 01/06/2014 09:10


PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME	
Fecal Coliform	Sample ID: 11028862	15,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028863	17,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028864	14,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028865	25,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028866	22,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028867	17,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Sample ID: 11028868	15,000	CFU/g TS	SM 9222 D	HI	01/06/2014 13:45
Fecal Coliform	Geometric Mean	1.8E+04	18,000	CFU/g TS		
Total Solids	Sample ID: 11028859	1.9	%	SM 2540 G	CL	01/07/2014 15:21
S.O.U.R. Test	Sample ID: 11028859	0.26	mg O2/hr/g TS	SM 2710 B	HI	01/06/2014 02:04



The total solids is diluted to <= 2.0% for the S.O.U.R. test when necessary.

CLASS B - PASS

Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.



 Derek McCoy
 Technical Director

ENVIRODYNE LABORATORIES, INC.
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HOUSTON, TEXAS 77099
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CERTIFICATE OF ANALYSIS

CLIENT: HASTING GREEN	LAB NUMBER: 14B1563B
(HCFWSD #61)	
DATE COLLECTED: 17-Feb-14	DATE RECEIVED: 17-Feb-14
DATE COMPLETED: 04-Mar-14	SAMPLED BY: MB

SAMPLE TYPE: **Processes to Significantly Reduce Pathogens (PSRP)**

LOCATION:	DIGESTER	LIMITS
	@ 1431	
PARAMETERS:		
Microbial Populations		
Fecal Coliform (Colonies/gram) (Geo Mean = 7)	18,400	2,000,000 CFU/g/TS
Vector Attraction Potential		
Specific Oxygen Uptake Rate (mg Oxygen/gram solids/Hr.)	1.31	1.5 mgO ₂ /gram/Hr.
Sludge Characteristics		
Total Solids (%)	0.90	N/A
Volatile Solids (%)	0.60	N/A
Organic Conc. (%)	66.7	
Soil pH - Measured in Water (Units)	6.79	> 5.50
Sample Temp. (C/F)	N/A	20/68 (+/- 10C)
Ambient Temp. (C/F)	N/A	N/A
Test Temp. - Start / Stop (C)	22/22	(+/- 1C) - Var.

SOUR diluted to TS <2.0%



 CERTIFIED BY

Ref. STANDARD METHODS 21st Ed. & *EPA SW-846
 9222D - F. COLI 2540G - TS & VS
 2710B - SOUR *9045 - pH