



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 3rd Reporting Period from 2013 To 2014
 PERMIT NO.: 04463 DATE: June 9, 2014
 NAME OF PERMITEE: TRS Envirogenics
 MAILING ADDRESS: PO Box 3036
Russellville, AR 72811
 CONTACT NAME: Gabe Timby TELEPHONE NO.: 479-518-1554

Field Number (if any): 12 (Submit separate form for each field, if site has two or more fields)

1. Class B Sewage Sludge -Land Applied:	<u>110.60</u>	dry tons/quarter
2. Treated Domestic Septage- Land Applied:	<u>0.00</u>	gallons/quarter
Method used to treat Domestic Septage	<u>N/A</u>	
3. Water Treatment Plant Sludge- Land Applied:	<u>0.0</u>	dry tons/quarter
4. Class A Sludge- Land Applied:	<u>0.00</u>	dry tons/quarter
a. Acreage used for Sludge Application/disposal at this site:	<u>62.21</u>	acres
b. Site Vegetation (such as grass type etc) and # of cuttings:	<u>Cotton, Corn, Milo, Bermuda grass & Buffelgrass</u>	
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 <u>X</u>
d. Site Location Latitude:	<u>26 Deg 25 Min</u>	Longitude: <u>98 Deg 30 Min</u>
e. Site physical address:	<u>1.25 miles west of FM 2221 & Seven Mile Road</u>	

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



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/permitted 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 3rd Reporting Period from 2013 To 2014
 PERMIT NO.: 04463 DATE: June 9, 2014
 NAME OF PERMITEE: TRS Envirogenics
 MAILING ADDRESS: PO Box 3036
Russellville, AR 72811
 CONTACT NAME: Gabe Timby TELEPHONE NO.: 479-518-1554

Field Number (if any): 11 (Submit separate form for each field, if site has two or more fields)

1. Class B Sewage Sludge -Land Applied: 32.08 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: 62.21 acres
 b. Site Vegetation (such as grass type etc) and # of cuttings: Cotton, Corn, Milo, Bermuda grass & Buffelgrass
 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: 26 Deg 25 Min Longitude: 98 Deg 30 Min
 e. Site physical address: 1.25 miles west of FM 2221 & Seven Mile Road

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

- 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 QUARTERLY REPORT TO:

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

Permit Regulated Entity: RN104091186 Reavis Farm
WQ 004463 Customer: CN603212135 TRS ENVIROGANICS
Physical Location: 1.25 miles west of the intersection of FM 2221 & 7 mile road
Sludge Delivery Dates

3/3/2014
3/3/2014
3/3/2014
3/3/2014
3/4/2014
3/4/2014
3/4/2014
3/4/2014
3/5/2014
3/5/2014
3/5/2014
3/5/2014
3/5/2014
3/6/2014
3/6/2014
3/6/2014
3/6/2014
3/6/2014
3/6/2014
3/7/2014
3/7/2014
3/7/2014
3/7/2014
3/10/2014
3/12/2014
3/13/2014
3/14/2014

Sludge Application Information
 3rd Quarter
 Mar-Apr-May 2013-2014

Reavis
 4463

Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
3/3/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/3/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/3/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/3/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/3/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/3/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/4/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/4/14	HIDALGO WWTP	12	2.12	N	Y	Y	N	N
3/4/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/4/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/4/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/4/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/5/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/5/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/5/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/5/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/5/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/6/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/6/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/6/14	MC ALLEN NO. 2 WWTP	12	2.46	N	Y	Y	N	N
3/6/14	MC ALLEN NO. 3 WWTP	12	2.28	N	Y	Y	N	N
3/6/14	HIDALGO WWTP	12	2.12	N	Y	Y	N	N
3/6/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/6/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/6/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/6/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/6/14	PHARR WWTP	12	2.58	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 2 WWTP	11	2.46	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 2 WWTP	11	2.46	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 2 WWTP	11	2.46	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 2 WWTP	11	2.46	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 3 WWTP	11	2.28	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 3 WWTP	11	2.28	N	Y	Y	N	N
3/7/14	MC ALLEN NO. 3 WWTP	11	2.28	N	Y	Y	N	N
3/7/14	MISSION WWTP	11	2.56	N	Y	Y	N	N
3/7/14	MISSION WWTP	11	2.56	N	Y	Y	N	N
3/7/14	MISSION WWTP	11	2.56	N	Y	Y	N	N
3/7/14	PHARR WWTP	11	2.58	N	Y	Y	N	N

Sludge Application Information
3rd Quarter
Mar-Apr-May 2013-2014

Reavis
4463

Date	WWTP Name	Field	Dry Tons	Path A	Path B	Vector	Limit 1	Limit 3
3/7/14	PHARR WWTP	11	2.58	N	Y	Y	N	N
3/10/14	MISSION WWTP	11	2.56	N	Y	Y	N	N
3/12/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/13/14	MISSION WWTP	12	2.56	N	Y	Y	N	N
3/14/14	MISSION WWTP	12	2.56	N	Y	Y	N	N

Site # 04463

Field 11

Suggested Agronomic rate 4.99

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.2604	0.0304	1.0726	15.8809	0.5883	0.0186	0.6257	0.9302	0.1971	24.2110

Site # 04463

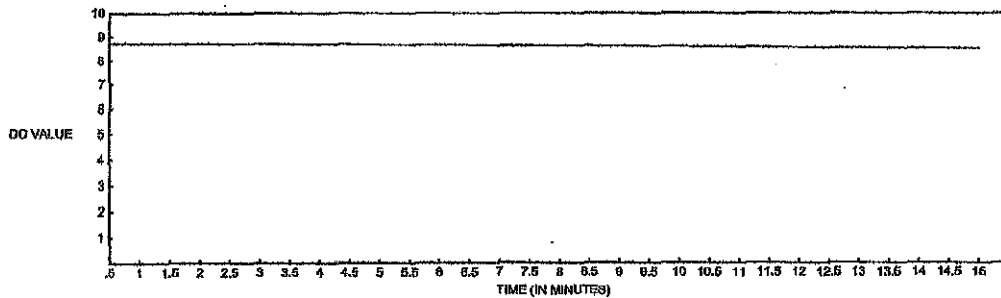
Field 12

Suggested Agronomic rate 4.12

Metal	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Cumulative Metals	0.4048	0.3171	5.6619	38.6111	3.0638	1.9746	1.3673	1.9422	7.0377	56.7752

Analysis performed on sludge sample received on 03/18/2014 12:28 collected by Bernard Malota from the Cake at 03/17/2014 15:00

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11062006	72,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062008	81,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062009	70,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062010	78,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062011	71,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062012	71,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Sample ID: 11062013	77,000	CFU/g TS	SM 9222 D	SG	03/18/2014 16:48
Fecal Coliform Geometric Mean	7.4E+04	74,000	CFU/g TS		
Total Solids Sample ID: 11062005	51.5	%	SM 2540 G	LRS	03/21/2014 15:27
S.O.U.R. Test Sample ID: 11062005	0.22	mg O2/hr/g TS	SM 2710 B	CL	03/17/2014 03:13



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.

W. Hamlin
 Wendy Hamlin - Project Manager

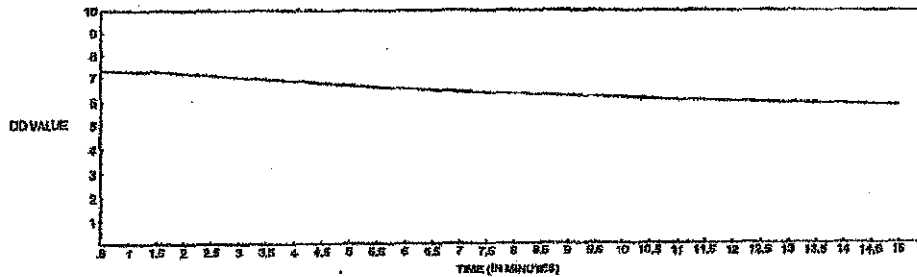
NWDL North West District
 Laboratory Services, Inc.
 3725 Hawk Trail - The Woodlands, TX 77380
 (936) 321-6060 - fax (936) 321-6061 - lp@nwdl.com

Test Report
 Ball Rd - ENV - Tena Renewal
 CLASS B

Report #274839 Report Generated
 11/21/2013 09:39
 Site: ENV 859 Page 1 of 1

Analysis performed on sludge sample received on 11/12/2013 09:37 collected by B Malota from the Cake at 11/11/2013 17:15

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11008394	160,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008396	62,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008397	130,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008398	210,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008399	97,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008400	50,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Sample ID: 11008401	130,000	CFU/g TS	SM 9222 D	H	11/12/2013 09:54
Fecal Coliform Geometric Mean	1.1E+05	110,000	CFU/g TS		
Total Solids Sample ID: 11008393	64.1	%	SM 2640 G	C	11/15/2013 15:17
S.O.U.R. Test Sample ID: 11008393	1.20	mg O2/hr/g TS	SM 2710 B	H	11/12/2013 10:46



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



8725 Fawn Trail • The Woodlands, Texas 77385
ph: 936.321.6060 • fx: 936.321.6061 • em: lab@nwdls.com
visit us online at www.nwdls.com

CLIENT: Envirogenics, Inc.
P.O. Box 73006
Houston, Texas 77273-3006
Yvonne Gerhart

SAMPLE LOCATION: Hidalgo WWTP
SAMPLE DATE: 11/05/13
SAMPLE TIME: 17:20
SAMPLED BY: BM

DATE RECEIVED: 11/06/13
SAMPLE MATRIX: Sludge
SAMPLE ID: 1180-6578
LAB FILE ID: 803.12101906

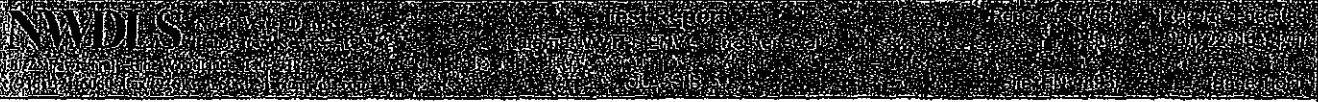
S.O.U.R.

PARAMETER	RESULT	UNITS	METHOD	ANALYST	DATE	TIME
S.O.U.R. Test	0.12	O ₂ /hr/g TS	SM 2710 B	HI	11/06/13	11:00

Result: Pass

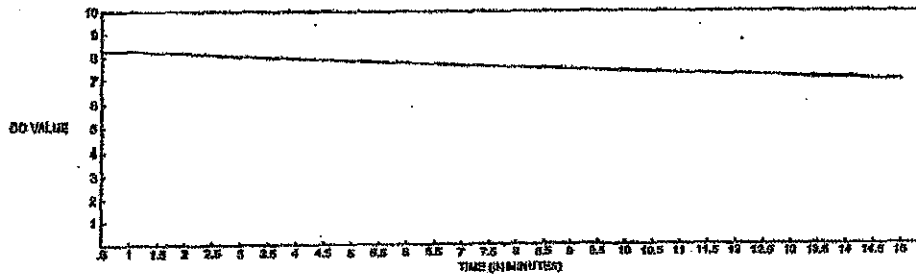
The total solids is diluted to $\leq 2.0\%$ for the S.O.U.R. Test when necessary.

Derek McCoy
Technical Director



Analysis performed on sludge sample received on 08/02/2013 10:57 collected by Bernard Malola from the Cake at 08/01/2013 17:45

Fecal Coliform	Sample ID: 10964819	900	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964821	5,400	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964822	2,700	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964823	3,800	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964824	3,800	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964825	7,200	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Sample ID: 10964826	6,300	CFU/g TS	SM 9222 D	DB	08/02/2013 14:06
Fecal Coliform	Geometric Mean	3.6E+03	3,600	CFU/g TS		
Total Solids	Sample ID: 10964818	17.8	%	SM 2540 G	C	08/02/2013 15:53
S.O.U.R. Test	Sample ID: 10964818	0.99	mg O2/hr/g TS	SM 2710 B	OD	08/01/2013 02:29



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

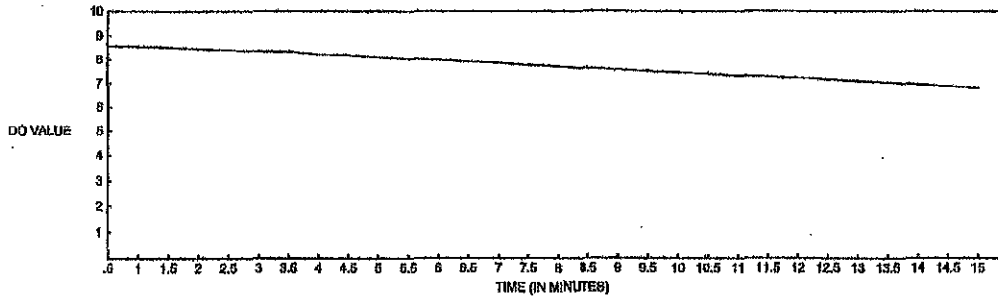
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.


 Derek McCoy
 Technical Director

RECEIVED
 8/2/13

Analysis performed on sludge sample received on 03/18/2014 12:29 collected by Bernard Malota from the Cake at 03/17/2014 15:40

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11062029	24,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062031	30,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062032	22,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062033	30,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062034	42,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062035	35,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Sample ID: 11062036	34,000	CFU/g TS	SM 9222 D	ARC	03/18/2014 19:09
Fecal Coliform Geometric Mean	3.0E+04	30,000	CFU/g TS		
Total Solids Sample ID: 11062028	17.0	%	SM 2540 G	LRS	03/21/2014 15:27
S.O.U.R. Test Sample ID: 11062028	1.47	mg O2/hr/g TS	SM 2710 B	CL	03/17/2014 04:49



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

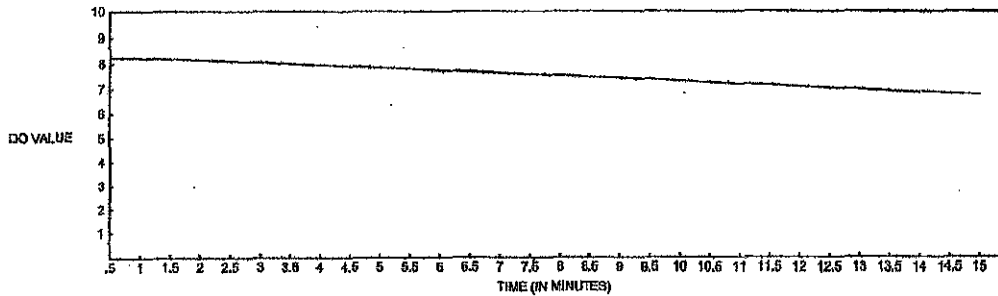
CLASS B - PASS

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.

W. Rabin
 Wendy Rabin - Project Manager

Analysis performed on sludge sample received on 03/18/2014 12:28 collected by Bernard Malota from the Cake at 03/17/2014 16:15

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11062018	100,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062020	60,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062021	60,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062022	74,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062023	55,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062024	68,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Sample ID: 11062025	48,000	CFU/g TS	SM 9222 D	SG	03/18/2014 20:00
Fecal Coliform Geometric Mean	6.5E+04	65,000	CFU/g TS		
Total Solids Sample ID: 11062017	18.3	%	SM 2540 G	LRS	03/21/2014 15:27
S.O.U.R. Test Sample ID: 11062017	1.41	mg O2/hr/g TS	SM 2710 B	CL	03/17/2014 03:35



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

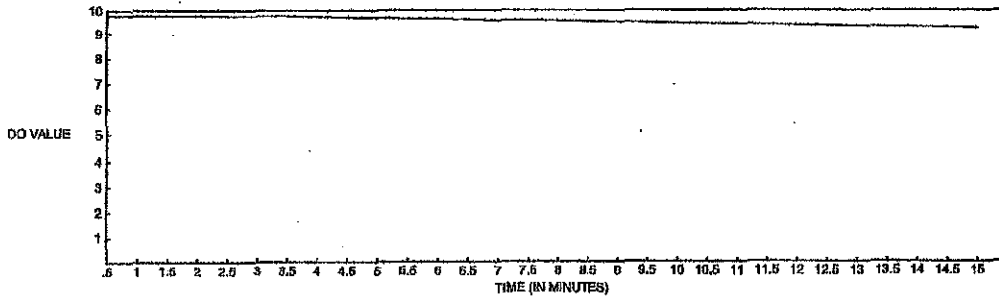
CLASS B - PASS

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.

W. Lambin
 Wendy Lambin - Project Manager

Analysis performed on sludge sample received on 05/07/2014 10:24 collected by Bernard Malota from the Cake at 05/06/2014 17:00

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11084084	27,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084085	1,100,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084086	920,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084087	800,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084088	810,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084089	1,000,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Sample ID: 11084090	870,000	CFU/g TS	SM 9222 D	DB	05/07/2014 13:16
Fecal Coliform Geometric Mean	5.5E+05	550,000	CFU/g TS		
Total Solids Sample ID: 11084108	17.9	%	SM 2540 G	K	05/12/2014 15:05
S.O.U.R. Test Sample ID: 11084108	0.82	mg O2/hr/g TS	SM 2710 B	SG	05/07/2014 08:59



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

CLASS B - PASS

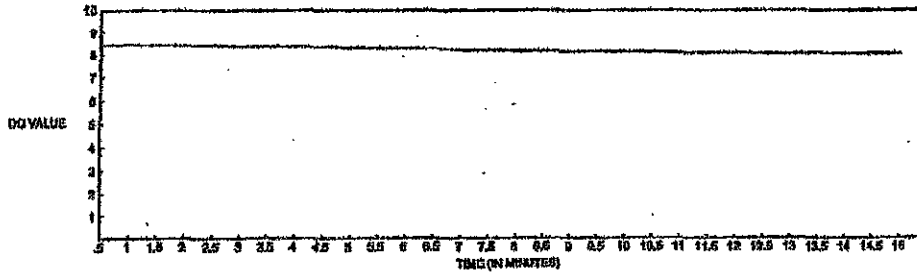
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

W. Lambert
 Wendy Lambert - Project Manager

NWDUS

Analysis performed on sludge sample received on 08/02/2013 10:49 collected by B Malota from the Cake at 08/01/2013 15:00

TEST	SAMPLE ID	RESULT	UNIT	METHOD	REMARKS	DATE/TIME
Fecal Coliform	Sample ID: 10964796	2,700	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964798	5,400	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964799	4,500	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964800	4,500	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964801	8,100	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964802	6,300	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Sample ID: 10964803	800	CFU/g TS	SM 9222 D	DB	08/02/2013 11:58
Fecal Coliform	Geometric Mean	3.9E+03	3,900	CFU/g TS		
Total Solids	Sample ID: 10964795	14.8	%	SM 2540 G	C	08/02/2013 15:53
S.O.U.R. Test	Sample ID: 10964796	0.42	mg O2/hr/g TS	SM 2710 B	OD	08/01/2013 01:28



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

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.

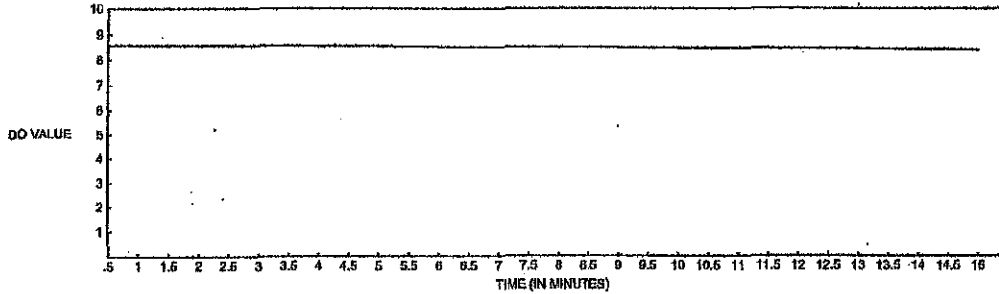
Derek McCoy

 Derek McCoy
 Technical Director

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 8/12/13

Analysis performed on sludge sample received on 05/07/2014 15:55 collected by Bernard Malota from the Biosolids at 05/06/2014 17:45

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11084568	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084570	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084571	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084572	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084573	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084574	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Sample ID: 11084575	900	CFU/g TS	SM 9222 D	SG	05/07/2014 17:45
Fecal Coliform Geometric Mean	9.0E+02	900	CFU/g TS		
Total Solids Sample ID: 11084567	90.9	%	SM 2540 G	K	05/12/2014 15:05
S.O.U.R. Test Sample ID: 11084567	0.14	mg O2/hr/g TS	SM 2710 B	SG	05/07/2014 11:18



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

CLASS B - PASS

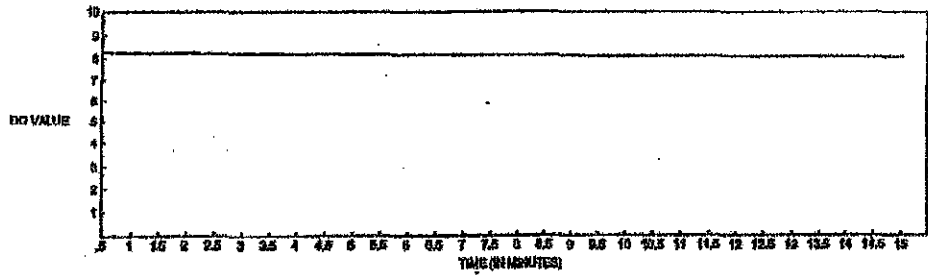
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

W. Lambin
 Wendy Lambin - Project Manager



Analysis performed on sludge sample received on 08/03/2012 12:42 collected by Bernard M from the Coker at 08/02/2012 11:30

Fecal Coliform	Sample ID: 10810575	6,100	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810576	13,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810577	6,400	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810578	7,700	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810579	14,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810580	9,000	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Sample ID: 10810581	6,100	CFU/g TS	SM 9222 D	DB	08/03/2012 15:10
Fecal Coliform	Geometric Mean	8.0E+03	8,000	CFU/g TS		
Total Solids	Sample ID: 10810574	0.7	%	SM 2540 G	OD	08/03/2012 15:00
S.O.U.R. Test	Sample ID: 10810574	0.09	mg O2/hr/g TS	SM 2710 B	OD	08/03/2012 03:39



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

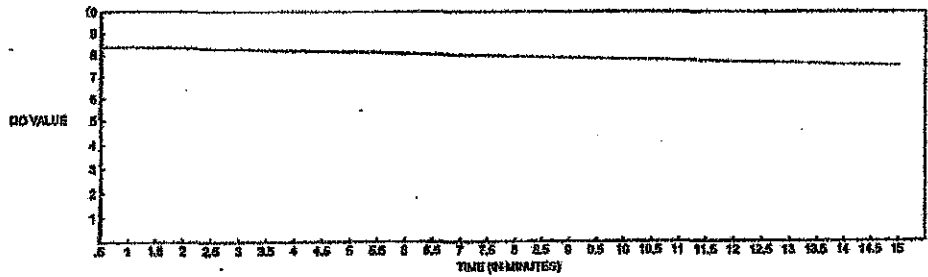
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

Derek McCoy
Technical Director



Analysis performed on sludge sample received on 08/02/2013 10:52 collected by B Malota from the Cake at 08/01/2013 15:25

PARAMETER	RESULT	UNIT	METHOD	DATE	TIME
Fecal Coliform	Sample ID: 10964807	360,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964809	420,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964810	390,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964811	400,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964812	350,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964813	440,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Sample ID: 10964814	420,000	CFU/g TS	SM 9222 D	DB 08/02/2013 12:15
Fecal Coliform	Geometric Mean	4.0E+05	400,000	CFU/g TS	
Total Solids	Sample ID: 10964806	21.9	%	SM 2540 G	C 08/02/2013 15:53
S.O.U.R. Test	Sample ID: 10964806	0.50	mg O2/hr/g TS	SM 2710 B	OD 08/01/2013 02:57



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

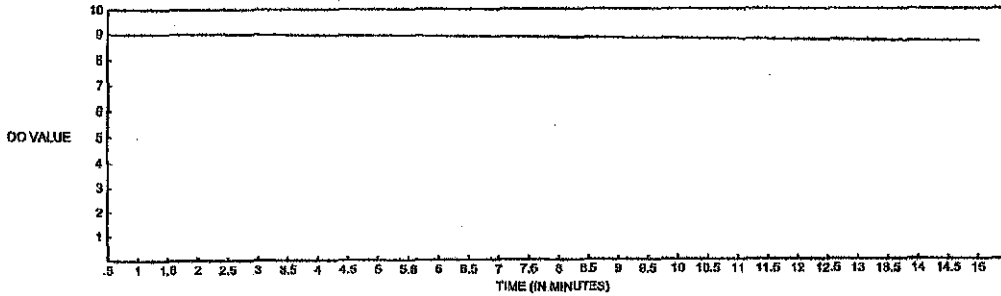
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

Derek McCoy
Technical Director

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Analysis performed on sludge sample received on 03/18/2014 12:25 collected by B Malota from the Cake at 03/17/2014 18:10

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11062046	1,800	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062048	6,300	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062049	3,600	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062050	1,800	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062051	4,500	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062052	900	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Sample ID: 11062053	900	CFU/g TS	SM 9222 D	SG	03/18/2014 22:20
Fecal Coliform Geometric Mean	2.2E+03	2,200	CFU/g TS		
Total Solids Sample ID: 11062045	11.4	%	SM 2540 G	LRS	03/21/2014 15:27
S.O.U.R. Test Sample ID: 11062045	0.41	mg O2/hr/g TS	SM 2710 B	CL	03/17/2014 05:29



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

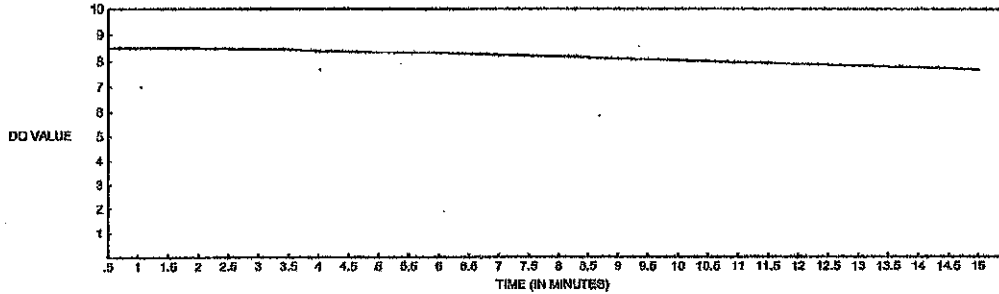
CLASS B - PASS

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.

W. Ramón
 Wendy Ramón - Project Manager

Analysis performed on sludge sample received on 03/18/2014 12:27 collected by Bernard Malota from the Cake at 03/17/2014 17:20

PARAMETER	RESULT	UNITS	METHOD	ANALYST	ANALYSIS TIME
Fecal Coliform Sample ID: 11061988	460,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061990	410,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061991	540,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061992	500,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061993	600,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061994	560,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Sample ID: 11061995	330,000	CFU/g TS	SM 9222 D	SG	03/18/2014 21:10
Fecal Coliform Geometric Mean	4.8E+05	480,000	CFU/g TS		
Total Solids Sample ID: 11061987	17.5	%	SM 2540 G	LRS	03/21/2014 15:27
S.O.U.R. Test Sample ID: 11061987	0.67	mg O2/hr/g TS	SM 2710 B	CL	03/17/2014 04:05



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

CLASS B - PASS

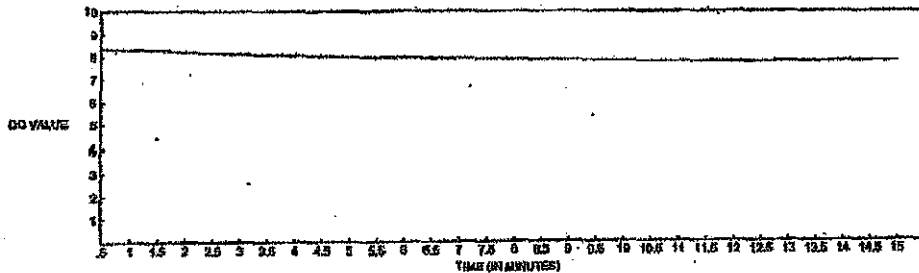
Per Title 30, Texas Administrative Code, Chapter 312, for a Class B to pass, the fecal coliform geometric mean must be less than or equal to 2,000,000 CFU/g TS and the S.O.U.R. must be less than or equal to 1.5 mg O2/hr/g TS.

W. Hamlin
 Wendy Hamlin - Project Manager

NWDLS North West District Laboratory **Test Report**

Analysis performed on sludge sample received on 08/30/2013 11:24 collected by B Malota from the cake at 08/29/2013 17:50

PARAMETER	TEST METHOD	RESULT	UNITS	METHOD	AVAILABILITY	ANALYSIS TIME
Fecal Coliform	Sample ID: 10975487	260,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975489	170,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975490	160,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975491	210,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975492	130,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975493	160,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Sample ID: 10975494	200,000	CFU/g TS	SM 9222 D	DB	08/30/2013 15:23
Fecal Coliform	Geometric Mean	1.8E+05	180,000	CFU/g TS		
Total Solids	Sample ID: 10975486	11.8	%	SM 2540 G	C	08/30/2013 16:48
S.O.U.R. Test	Sample ID: 10975485	0.69	mg O2/hr/g TS	SM 2710 B	C	08/29/2013 01:59



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

CONCLUSIONS

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.

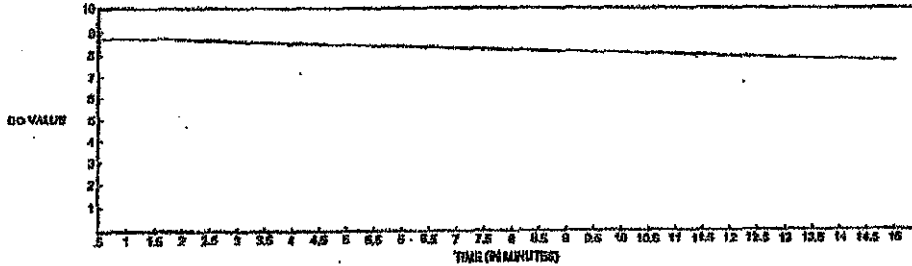
Derek McCoy
Technical Director

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NWDLS

Analysis performed on sludge sample received on 11/01/2013 13:32 collected by Bernard Malota from the Cake at 10/31/2013 17:20

PARAMETER	TEST RESULT	UNIT	METHOD	STATUS	ANALYSIS TIME
Fecal Coliform	Sample ID: 11004571	1,100	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004572	810	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004573	900	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004574	890	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004575	1,200	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004576	1,400	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Sample ID: 11004577	810	CFU/g TS	SM 9222 D H	11/01/2013 17:21
Fecal Coliform	Geometric Mean	1.0E+03	1,000	CFU/g TS	
Total Solids	Sample ID: 11004569	15.2	%	SM 2540 G C	11/05/2013 12:38
S.O.U.R. Test	Sample ID: 11004569	1.42	mg O2/hr/g TS	SM 2710 B C	11/01/2013 03:31



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

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.

[Handwritten Signature]
 Derek McCoy
 Technical Director