Bath Electric, Gas and Water Systems
Owned by the Village of Bath

PO BOX 310
BATH, NY 14810
(607) 776-3072

February 7, 2012

Mr. Doughlas McKenna, Chief
Water Compliance Branch
Division of Enforcement and Compliance Assistance
US EPA, Region 2
290 Broadway – 20th Floor
New York, New York 10007-1866

Dear Mr. McKenna:

Please consider the following our annual EPA Domestic Sewage Sludge Report for the Village of Bath WWTP for the period of January 1, 2011 to December 31, 2011. We have tried to answer your questions as follows:

A.) Amount Of Sludge Generated, In Dry Metric Tons:
377.82 Dry Metric Tons (See Attachment 1)

B.) Disposal Practices:
This is the sixteenth year that the Village Of Bath WWTP is using aerobic digestion and a belt filter press, designed by LaBella Associates (See Attachment 2), for preparing our sludge for disposal. Our WWTP Chief Operator uses the following processes (See Attachment 3) in his operation of the plant:

Pathogen Reduction:
Alternative B2 - Process To Significantly Reduce Pathogens - Aerobic Digestion
Vector Attraction Reduction:
Option 1 - Volatile Solids (VS) Reduction

Upon completion of the above processes, our WWTP personnel use a belt filter press to de-water our sludge to 21.4% dry solids cake (average) and is loaded into a 33 cu. yd. dumpster for transportation to its final land application and/or compost disposal site.

C.) Transportation of Dry Cake:
All Village of Bath WWTP 21.4% dry solid cake (377.82 Dry Metric Tons) was hauled from the plant (See Attachment 4) by:

Dicksons Environmental Services, Inc.
Leo Dickson & Sons, Inc.
5226 Bonny Hill Road
Bath, New York 14810

D.) Land Application and/or Compost Processes:
All Village of Bath WWTP 21.4% dry solid cake (377.82 Dry Metric Tons) was land applied (See Attachment 5) or composted (See Attachment 6) by:

Philip Dickson
Dicksons Environmental Services, Inc.
Leo Dickson & Sons, Inc.
5226 Bonny Hill Road
Bath, New York 14810

F.) Analytical Results From Monitoring Pollutant Concentrations:
Bath Wastewater Treatment Plant (See Attachment 7)
Dicksons Environmental Services (See Attachment 8)

Should you require any further information, please feel free to contact us.

Sincerely,

Royce C. Hoad
WWTP Chief Operator

RCH/sd

c: Stuart Thomas, Region 8 DEC
Phil Dickson, Dicksons Environmental Services, Inc.

Attachments (8)

SLUDGE REPORT - 2012

Date	% Solids	Tons	Ton/Month
01/05/11		19.37	
01/06/11		20.69	
01/07/11		17.06	
01/08/11		18.37	
01/11/11		13.17	
01/11/11		18.71	
01/12/11		17.57	
01/13/11		18.21	
01/18/11		16.05	
01/18/11		8.71	
01/20/11		11.41	
01/26/11		9.23	
01/27/11		13.73	
01/28/11		6.28	208.56
02/01/11		14.69	
02/02/11		11.08	
02/03/11		18.64	
02/08/11	19.69	15.64	
02/09/11		17.08	
02/12/11		16.02	
02/16/11		12.84	105.99
03/04/11		9.23	
03/07/11		14.24	
03/08/11		14.67	
03/09/11		15.15	
03/10/11		19.49	
03/14/11	21.28	15.55	
03/18/11		5.34	
03/26/11		20.91	
03/28/11		20.32	
03/31/11		15.35	150.25
04/04/11		24.01	
04/05/11		16.63	
04/06/11		16.77	
04/06/11		14.09	
04/08/11		16.96	
04/10/11		18.02	
04/12/11		18.28	
04/19/11	19	24.78	
04/20/11		17.29	
04/22/11		15.06	
04/26/11		18.14	
04/28/11		16.24	
04/29/11		17.69	142.90
05/01/11		22.02	
05/03/11		16.71	
05/05/11		17.59	
05/08/11		21.36	
05/10/11		18.44	
05/11/11		16.74	
05/14/11		12.35	
05/18/11		12.69	

05/23/11	23	18.83	
05/25/11		17.59	
05/26/11		16.88	
05/28/11		16.03	
05/31/11		13.69	220.92
06/02/11		17.69	
06/03/11		17.20	
06/05/11		10.05	
06/07/11		15.77	
06/08/11		10.07	
06/10/11		13.12	
06/12/11		9.86	
06/13/11		6.15	
06/15/11		14.72	
06/16/11		13.27	
06/17/11		10.61	
06/19/11		8.92	
06/20/11		13.64	
06/22/11		9.07	
06/23/11		18.58	
06/24/11		13.44	
06/25/11		15.54	
06/28/11	22	12.93	230.63
07/02/11		16.79	
07/07/11		15.68	
07/11/11		15.33	
07/12/11		21.57	
07/12/11		7.78	
07/13/11		14.54	
07/14/11		12.24	
07/17/11		4.52	
07/18/11		7.38	
07/20/11		17.98	
07/22/11		14.62	
07/23/11		8.30	
07/26/11	24	9.02	
07/27/11		10.30	
07/28/11		12.88	
07/29/11		4.14	193.07
08/02/11		17.22	
08/03/11		13.30	
08/05/11		15.58	
08/09/11	20.84	14.6	
08/10/11		15.21	
08/11/11		14.86	
08/12/11		9.86	
08/16/11		10.06	
08/18/11		10.41	
08/22/11		13.25	
08/23/11		13.62	
08/25/11		15.1	
08/29/11		14.91	
08/31/11		17.74	195.72
09/05/11		9.75	
09/06/11		14.03	
09/08/11		15.46	

09/13/11		14.41	
09/21/11	20	17.14	
09/27/11		16.89	
09/28/11		16.43	
09/29/11	23.00	10.14	114.25
10/04/11		15.05	
10/06/11		14.39	
10/12/11		7.23	
10/13/11		18.73	
10/15/11		6.83	
10/18/11	22	7.90	
10/19/11		14.29	
10/22/11		16.24	
10/25/11		14.61	
10/29/11		2.63	117.9
11/01/11		16.18	
11/02/11		13.14	
11/02/11		10.80	
11/04/11		13.30	
11/07/11		14.23	
11/15/11		14.82	
11/16/11		12.89	
11/17/11		15.49	
11/22/11	21	16.28	
11/25/11		16.83	143.96
12/06/11			
12/07/11			
12/08/11		20.91	
12/14/11		12.96	
12/16/11		20.55	
12/20/11		10.78	
12/21/11		12.80	
12/22/11		18.64	
12/27/11		12.21	
12/29/11	21.00	13.53	122.38
	----------		1946.53
	21.4	AVERAGE PERCENT DRY SOLIDS	

Dry Tons = WET TONS x Percent Solids

— 1946.53x.214 416.56

Dry Metric Tons = Dry Short Tons x .907

416.56X.907 377.82

TOTAL DRY METRIC TONS FOR 2011

377.82

Bath Electric, Gas and Water Systems

Owned by the Village of Bath

PO BOX 310
BATH, NY 14810
(607) 776-3072

February 7, 2012

Harold J. Rodbourn, Chair
Municipal Utility Commission
Bath Electric Gas & Water Systems
PO Box 310
Bath, New York 14810

SUBJECT: VILLAGE OF BATH WWTP SLUDGE

Dear Mr. Rodbourn:

I certify, under penalty of law, that the B2 pathogen requirement in 503.32(b) and the vector attraction requirements in 503.33(b) Option 1 have been met at the Village of Bath WWTP during the period of January 1, 2011 through December 31, 2011. This determination has been made under my supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.

Operation of the aerobic digested sludge is held for sixty days during the winter and forty-five days during the summer, before it is pressed and land spread. The temperature ranges from 22° to 29° C throughout the year.

Should you need any further information, please feel free to contact me.

Sincerely,

Royce C Hoad

Royce C. Hoad
WWTP Chief Operator

RCH/sd

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

PART 364
WASTE TRANSPORTER PERMIT NO. 8A-195

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DICKSONS ENVIRONMENTAL SERVICE
5226 BONNY HILL ROAD
BATH, NY 14810

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME: PHILIP DICKSON
COUNTY: STEUBEN
TELEPHONE NO: (607)776-7997

EFFECTIVE DATE: 02/01/2012
EXPIRATION DATE: 01/31/2013
US EPA ID NUMBER:

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed:

Destination Facility	Location	Waste Type(s)	Note
BATH WWTP	BATH , NY	Septage only (residential)	
CANANDAIGUA WWTP	CANANDAIGUA , NY	Sludge from Sewage or Water Supply Treatment Plant	
CHEMUNG COUNTY	ELMIRA , NY	Non-Hazardous Industrial/Commercial	
		Septage only (residential)	
		Residential Raw Sewage including Portable Toilet Waste	
CITY OF AUBURN WPC	AUBURN , NY	Non-Hazardous Industrial/Commercial	
DICKSON'S ENVIRONMENTAL SERVICES, INC SWF 511.05	BATH , NY	Non-Hazardous Industrial/Commercial	
		Sludge from Sewage or Water Supply Treatment Plant	
FRANK E VAN LARE WASTEWATER TREATMENT	ROCHESTER , NY	Non-Hazardous Industrial/Commercial	
		Residential Raw Sewage including Portable Toilet Waste	
		Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
		Sludge from Sewage or Water Supply Treatment Plant	
HORNELL WPCP	HORNELL , NY	Non-Hazardous Industrial/Commercial	
		Septage only (residential)	
ITHACA AREA WWTF	ITHACA , NY	Non-Hazardous Industrial/Commercial	
		Septage only (residential)	
		Residential Raw Sewage including Portable Toilet Waste	
STEUBEN CO SLFM1	BATH , NY	Non-Hazardous Industrial/Commercial	
WELLSVILLE WWTP	WELLSVILLE , NY	Non-Hazardous Industrial/Commercial	
		Non-Residential Raw Sewage or Sewage-Contaminated Wastes	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation
Division of Environmental Remediation - Waste Transporter Program
625 Broadway, 11th Floor
Albany, NY 12233-7020

AUTHORIZED SIGNATURE: Jack A. Aversa Date: 12/7/2011

NOTICE

This renewal permit is not valid until the effective date listed on the permit

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

PART 364
WASTE TRANSPORTER PERMIT NO. 8A-195

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DICKSONS ENVIRONMENTAL SERVICE
5226 BONNY HILL ROAD
BATH, NY 14810

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME:	PHILIP DICKSON	EFFECTIVE DATE:	02/01/2012
COUNTY:	STEUBEN	EXPIRATION DATE:	01/31/2013
TELEPHONE NO:	(607)776-7997	US EPA ID NUMBER:	

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
WELLSVILLE WWTP	WELLSVILLE , NY	Sludge from Sewage or Water Supply Treatment Plant	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

PART 364
WASTE TRANSPORTER PERMIT NO. 8A-195

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

DICKSONS ENVIRONMENTAL SERVICE
5226 BONNY HILL ROAD
BATH, NY 14810

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME:	PHILIP DICKSON	EFFECTIVE DATE:	02/01/2012
COUNTY:	STEUBEN	EXPIRATION DATE:	01/31/2013
TELEPHONE NO:	(607)776-7997	US EPA ID NUMBER:	

AUTHORIZED VEHICLES:
The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

27 (Twenty Seven) Permitted Vehicle(s)

< NY 14840PB >
< NY AW40473 >
< NY AW40858 >
< NY AX42089 >
NY 12408PB
NY 12935PC
NY AP73405
NY AP77294
NY AP77313
NY AP77314
NY AP77316
NY AP77317
NY AP77319
NY AP77320
NY AP77321
NY AU25827
NY AU25938
NY AU25978
NY AU25999
NY AU26005
NY AV18809
NY AV73503
NY AX42174
NY BA34731
NY BA34784
NY BB78705
NY BB78728
End of List

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC PERMIT NUMBER	EFFECTIVE DATE
8-4699-00012/00001-0	October 30, 2008
FACILITY/PROGRAM NUMBER(S) 51L05	EXPIRATION DATE(S) August 31, 2013

PERMIT

Under the Environmental Conservation Law (ECL)

TYPE OF PERMIT ☐ NEW X RENEWAL ☐ MODIFICATION X PERMIT TO CONSTRUCT X PERMIT TO OPERATE

- ☐ Article 15, Title 5: Protection of Waters
- ☐ Article 15, Title 15: Water Supply
- ☐ Article 15, Title 16: Water Transport
- ☐ Article 15, Title 15: Long Island Wells
- ☐ Article 15, Title 27: Wild, Scenic and Recreational Rivers
- ☐ 6NYCRR 608: Water Quality Certification
- ☐ Article 17, Titles 7, 8: SPDES
- ☐ Article 19: Air Pollution Control
- ☐ Article 23, Title 27: Mined Land Reclamation
- ☐ Article 24: Freshwater Wetlands
- ☐ Article 25: Tidal Wetlands
- X Article 27, Title 7; 6NYCRR 360: Solid Waste Management
- ☐ Article 27, Title 9; 6NYCRR 373: Hazardous Waste Management
- ☐ Article 34: Coastal Erosion Management
- ☐ Articles 1, 3, 17, 19, 27, 37; NYCRR 380: Radiation Control
- ☐ Other:

PERMIT ISSUED TO **LEO DICKSON & SONS, INC.**	TELEPHONE NUMBER **607-776-7997**
ADDRESS OF PERMITTEE **5226 BONNY HILL ROAD, BATH, NY 14810**	
CONTACT PERSON FOR PERMITTED WORK **PHILIP DICKSON**	TELEPHONE NUMBER **607-776-7997**
NAME AND ADDRESS OF PROJECT/FACILITY **LEO DICKSON & SONS, INC. LAND APPLICATION**	
LOCATION OF PROJECT/FACILITY	

COUNTY	TOWN	WATERCOURSE	NYTM COORDINATES
STEUBEN	**BATH, CAMERON & THURSTON**	Water Body:	E: N:

DESCRIPTION OF AUTHORIZED ACTIVITY
LAND APPLICATION OF STABILIZED SLUDGES, FOOD PROCESSING WASTES AND RESIDENTIAL SEPTAGE, AS LISTED ON ATTACHMENT A OF THIS PERMIT

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

PERMIT ADMINISTRATOR:	ADDRESS		
Kimberly A. Merchant	6274 E. Avon-Lima Rd, Avon, NY 14414		
AUTHORIZED SIGNATURE Kimberly A. Merchant		DATE 10/30/08	Page 1 of 8

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in *compliance* or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

GENERAL CONDITIONS

General Condition 1: Facility Inspection by the Department

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

General Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

General Condition 3: Applications for Permit Renewals or Modifications

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

The permittee must submit a renewal application at least:

a) 180 days before expiration of permits for State Pollutant Discharge Elimination System (SPDES), Hazardous Waste Management Facilities (HWMF), major Air Pollution Control (APC) and Solid Waste Management Facilities (SWMF); and

b) 30 days before expiration of all other permit types.

Submission of applications for permit renewal or modification are to be submitted to:

NYSDEC Regional Permit Administrator, Region 8,
6274 E Avon-Lima Rd, Avon, NY 14414 (586) 226-2466

General Condition 4: Permit Modifications, Suspensions and Revocations by the Department

The Department reserves the right to modify, suspend or revoke this permit in accordance with 6 NYCRR Part 621. The grounds for modification, suspension or revocation include:

a) materially false or inaccurate statements in the permit application or supporting papers;

b) failure by the permittee to comply with any terms or conditions of the permit;

c) exceeding the scope of the project as described in the permit application;

d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ADDITIONAL GENERAL CONDITIONS FOR ARTICLE 27 (Title 7, Leo Dickson & Sons, Inc.)

5. All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or his agent as part of the permit application. Such approved plans were prepared by LaBella Associates, P.C. dated July 2008.

SPECIAL CONDITIONS

1. This approval does not relieve the Permittee from complying with all other applicable Federal, State, or local ordinances.

2. This permit authorizes land application of stabilized sludges, food processing wastes and residential septage as listed on Attachment A of this permit, pursuant to engineering plans referenced in General Condition #5 above. The Permittee must comply with all conditions of this permit and 6 NYCRR Part 360.

3. The minimum horizontal distance (in feet) from the perimeter of the land application area must meet or exceed the following:

Property Line	50
Residence, place of business or public contact area*	500
Potable water well	200
Surface water and State regulated wetland (waste not directly injected)	200
Surface water and State regulated wetland (waste directly injected)	100
Drainage swale	25

*The landowner's or operator's residence, plant nurseries and turf farms are excluded from this requirement.

4. Land application is prohibited in areas where groundwater is within 24 inches of the ground surface at the time of application.

5. Land application is prohibited in areas where bedrock lies less than 24 inches below the ground surface.

6. The hydraulic loading must not exceed 16,000 gallons per acre in any 24-hour period.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPECIAL CONDITIONS

For Article 27, (Title 7, Leo Dickson & Sons, Inc.)

7. Land application is prohibited on land with a slope exceeding 15 percent. Land application of waste with a total solids content of less than 15 percent is prohibited on land with a slope greater than 8 percent, unless applied by subsurface injection along paths parallel to contour lines for the land.

8. Land application is allowed only on soils within one or more of the following soil texture classes: sandy loam, sandy clay loam, loam, silt loam, silt, sandy clay and clay loam.

9. Land application in a 100-year flood plain must not result in washout of the solid waste applied. Land application is prohibited in flood plain areas designated as a floodway pursuant to Part 502.

10. A crop must be grown each year on all sludge-amended fields to promote nutrient uptake. The land application rate must not exceed the agronomic rate or the rate of lime addition designed to achieve a soil pH value in an acceptable range for the crop grown, whichever results in a lower rate. The application rate must be sufficiently reduced to insure appropriate application rates are not exceeded if supplemental fertilizers or manure are added to the sites.

11. Land application rates and practices must not cause contravention of groundwater and surface water standards provided in Parts 700-705.

12 Land application is prohibited on water saturated ground or during heavy rainfall. Land application is prohibited on snow-covered or frozen ground, except by direct injection below the land surface. Storage and/or disposal facilities must be available for periods during the year when waste cannot be applied.

13. The Department may require the use of dikes, berms, or other pollution protection devices or techniques on a case-specific basis.

14. Proper soil conservation practices and agricultural management practices must be used to minimize runoff and soil loss through erosion.

15. In all cases, the solid waste that is land applied must be incorporated into the soil within 24 hours after application. If the vector attraction reduction option found in subparagraph 360-4.7(b)(2)(x) of this Subpart is used, the period prior to the incorporation is limited to six hours or less.

SPECIAL CONDITIONS

For Article 27, (Title 7, Leo Dickson & Sons, Inc.)

16. This permitted site shall be operated to control vectors, pathogens, and odors.

17. Soil pH must be adjusted to 6.5 standard units or higher prior to land application unless lime stabilized biosolids are used. If lime stabilized biosolids are used, the soil pH must be 6.5 standards units or higher after the biosolids are applied.

18. Land application must not adversely affect a threatened or endangered species or its designated critical habitat.

19. The annual cadmium application rate must not exceed 0.45 pounds per acre.

20. The cumulative metal loading limits, found in Table 5 of 360-5.10, are based on soil groups defined by the Department of Agriculture and Markets. The metal loading must not exceed 20% of the cumulative loading limit in any one year.

21. One of the alternatives found at Part 360-4.7(b)(1) must be used to significantly reduce pathogens in the sludge. **Operating data from the generator of each source of biosolids must be submitted in the annual report(s) to demonstrate pathogen reduction has been met.** Pathogen reduction may also be demonstrated by meeting the fecal coliform analyses requirements found at 360-4.7(b)(1)(ii).

22. The frequency and parameters for sampling and analysis of the sludge shall be consistent with Table 1 and Table 6 found at Part 360-5.10. Pollutant limits must not exceed those listed in Table 4 of that section. All analyses must be performed by a laboratory certified by the New York State Department of Health for that type of analysis, using methods acceptable to the department as outlined in Table 12 of Section 5.10, unless use of an alternate laboratory or method is authorized by the department.

23. One of the vector attraction reduction requirements found at Part 360-4.7(b)(2) must be achieved.

24. Soil monitoring shall be conducted once per calendar year for the following paramcters: Cd, Hg, Pb, Cu, Zn, Ni, As, Mo, Se, Cr (total), and pH. The sampling locations shall be recorded and shall be submitted with the results of the soil analysis in the Annual Report described low. A minimum of one analysis is required for every 50-acres, or fraction thereof, with each sample being a composite of at least ten (10) randomly selected sample locations at a sampling depth consistent with the depth of waste incorporation.

SPECIAL CONDITIONS

For Article 27, (Title 7, Leo Dickson & Sons, Inc.)

25. The site restriction requirements found at Part 360-4.7(b)(3) must be followed. These requirements include, but are not limited to, public access, food crops, animal grazing, and turf harvesting.

26. All monitoring, recordkeeping, and reporting shall be in conformance with the requirements of Part 360, particularly 360-4.6(c) and 360-4.7(c).

27. The Permittee must submit an Annual Report to the Department's Central Office and appropriate Regional Office each year covering the previous year's operations, on forms prescribed by or acceptable to the Department. The report is due March 1 each year and must include:

    a) the location of each field used for land application and the acreage used for land application;

    b) the crop(s) grown on each field and the timing of planting and harvesting;

    c) the total quantity of waste applied, including land application dates and quantity applied during each application of each field;

    d) calculations showing the hydraulic loading, nutrient loading, the cumulative loading, and site life (if required), for the fields used;

    e) all analytical results required by Subpart 360-4, including copies of all laboratory reports;

    f) monitoring data and information to demonstrate compliance with the pathogen and vector attraction reduction requirements of Subpart 360-4, if required;

    g) a description of any difficulties encountered during land application, any complaints arising as a result of the land application operation and the corrective actions taken; and

    h) a revised management plan for land application for the next year based on previous application rates and crop planting patterns for the next year. The plan must include crops to be grown, fields to be used, schedules and methods of application and harvesting, and revised nutrient and hydraulic loading rates. All calculations must be included.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPECIAL CONDITIONS

For Article 27, (Title 7, Leo Dickson & Sons, Inc.)

i) for biosolids land application, the following certification statement:

"I certify, under penalty of law, that the information that will be used to determine compliance with Subpart 360-4 of 6NYCRR Part 360, has been prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluated this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment" This statement must be signed by the permit holder or an authorized agent and indicate the name and title of the individual signing.

28. In the event a Department representative makes a determination that the Permittee is in non-compliance with any provision of the Environmental Conservation Law, or with any regulation promulgated thereunder or any provision of this permit or of any judicial or administrative order applicable to the facility and enforceable under the Environmental Conservation Law, the Permittee must, upon receipt of written or oral Notice of Non-Compliance from the Department, promptly take such steps as are necessary to correct, abate, or remediate the non-complying condition. To the extent feasible, the Permittee must consult the Department regarding the selection and implementation of such measures. Any instance of non-compliance, together with the responsive measures and results of such measures, must be recorded in writing by the Permittee, and submitted to the Department under this permit.

29 Amendments or modifications to the engineering report, plans, specifications, or correspondence must be approved in writing by the Department prior to their implementation.

30. All submissions required by this permit shall be submitted in a timely manner to the Regional Solid and Hazardous Materials Engineer, NYSDEC, 6274 East Avon-Lima Road, Avon, NY 14414.

31. The above conditions shall be subject to change in the event that they become inconsistent with future modifications of the rules and regulations of the New York State Department of Environmental Conservation.

10/30/08 Kimberly A. Merchant Kimberly A. Merchant

DATE ISSUING OFFICER SIGNATURE

DEC PERMIT NUMBER	FACILITY ID NUMBER
8-4699-00012/00001-0	51L05
PROGRAM NUMBER	PAGE 7 OF 8

SPECIAL CONDITIONS

For Article 27 (Title 7, Leo Dickson & Sons, Inc.)

ATTACHMENT A

SOLID WASTE MANAGEMENT FACILITY 51L05

Waste streams from (sources):

1. Stabilized sludge (liquid and/or dewatered) generated at:

Village of Addison WWTP
Village of Alfred WWTP
Village of Bath WWTP
Village of Canisteo WWTP
Village of Dansville WWTP
Village of Dundee WWTP
Village of Montour Falls WWTP
Village of Wayland WWTP
Village of Sabinsville, PA WWTP
Village of Perry WWTP
Village of Portville WWTP
Borough of Knoxville WWTP
Borough of Westfield, PA WWTP
Village of Watkins Glen WWTP
Livingston County Sewer and Water
City of Hornell backwash
Elkland Borough, PA WWTP
collection lagoon sludge
Village of Warsaw WWTP
Village of Dryden WWTP
Village of Waverly WWTP

2. Residential septage

New York State Department of Environmental Conservation
Environmental Permits, Region 8
6274 East Avon-Lima Rd, Avon NY 14414-9516
Phone: (585) 226-5400 • **Fax:** (585) 226-2830
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

December 2, 2009

Philip Dickson
Leo Dickson & Sons, Inc.
5226 Bonny Hill Road
Bath, NY 14810

Re: **Part 360 Permit Modification Issuance**
Leo Dickson & Sons Composting Facility
DEC # 8-4666-00022/00001
Thurston (T), Steuben (C)

Dear Mr. Dickson:

Enclosed is the modified Part 360 Solid Waste Management Permit for the Leo Dickson & Sons Composting Facility on Dixon Road in the Town of Thurston. The modification is effective December 2, 2009 and the permit will expire on June 30, 2012.

The Part 360 Solid Waste Management Facility permit has been modified to allow the addition of WWTF biosolids to be added to the Leo Dickson & Sons Composting Facility from the Village of Castile. No other changes to the permit have been made.

Please note the new Attachment A which lists all authorized wastes to be processed. Any additional wastes or waste stream sources will require a permit modification. Also, please note that for the amount of sludge generated from the Village of Castile, two analyses are required annually.

Please review the enclosed permit carefully and contact me within 30 days of the postmark date on the envelope transmitting this permit if you identify any conditions that cannot be met in full.

If any questions arise or if problems develop with the facility during the life of this permit, please contact me at 585-226-5402 or John Thompson at 585-226-5420.

Sincerely,

Lisa M Porter

Lisa M. Porter
Environmental Analyst

encl.

cc w/encl.: Dan Noll, P.E., LaBella Associates
John Thompson, DSHM, R8

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DEC PERMIT NUMBER 8-4666-00022/00001		EFFECTIVE DATE July 25, 2007
FACILITY/PROGRAM NUMBER(S) 51C03		MODIFIED December 2, 2009
		EXPIRATION DATE(S) June 30, 2012

PERMIT

Under the Environmental Conservation Law (ECL)

TYPE OF PERMIT X NEW ☐ RENEWAL ☐ MODIFICATION X PERMIT TO CONSTRUCT X PERMIT TO OPERATE

- ☐ Article 15, Title 5: Protection of Waters
- ☐ Article 15, Title 15: Water Supply
- ☐ Article 15, Title 15: Water Transport
- ☐ Article 15, Title 15: Long Island Wells
- ☐ Article 15, Title 27: Wild, Scenic and Recreational Rivers
- ☐ 6NYCRR 608: Water Quality Certification
- ☐ Article 17, Titles 7, 8: SPDES
- ☐ Article 19: Air Pollution Control
- ☐ Article 23, Title 27: Mined Land Reclamation
- ☐ Article 24: Freshwater Wetlands
- ☐ Article 25: Tidal Wetlands
- X Article 27, Title 7; 6NYCRR 360: Solid Waste Management
- ☐ Article 27, Title 9; 6NYCRR 373: Hazardous Waste Management
- ☐ Article 34: Coastal Erosion Management
- ☐ Articles 1, 3, 17, 19, 27, 37; NYCRR 380: Radiation Control
- ☐ Other:

PERMIT ISSUED TO **LEO DICKSON & SONS, INC.**			TELEPHONE NUMBER **607-776-7997**
ADDRESS OF PERMITTEE **5226 BONNY HILL ROAD, BATH, NY 14810**			
CONTACT PERSON FOR PERMITTED WORK **DANIEL P. NOLL, P. E.**			TELEPHONE NUMBER **585-454-6110**
NAME AND ADDRESS OF PROJECT/FACILITY **LEO DICKSON & SONS COMPOSTING FACILITY**			
LOCATION OF PROJECT/FACILITY **DIXON ROAD**			
COUNTY **STEUBEN**	TOWN **THURSTON**	WATERCOURSE Water Body:	NYTM COORDINATES E: N:
DESCRIPTION OF AUTHORIZED ACTIVITY **Operation of a composting facility for biosolids generated from the municipal sources shown on Attachment A.**			

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified (see page 2) and any Special Conditions included as part of this permit.

PERMIT ADMINISTRATOR: Kimberly A. Merchant	ADDRESS 6274 E. Avon-Lima Rd, Avon, NY 14414	
AUTHORIZED SIGNATURE Kimberly A Merchant	DATE 12/2/09	Page 1 of 8

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

GENERAL CONDITIONS

General Condition 1: Facility Inspection by the Department
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

General Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

General Condition 3: Applications for Permit Renewals or Modifications
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

The permittee must submit a renewal application at least:

a) 180 days before expiration of permits for State Pollutant Discharge Elimination System (SPDES), Hazardous Waste Management Facilities (HWMF), major Air Pollution Control (APC) and Solid Waste Management Facilities (SWMF); and

b) 30 days before expiration of all other permit types.

Submission of applications for permit renewal or modification are to be submitted to:
NYSDEC Regional Permit Administrator, Region 8,
6274 E Avon-Lima Rd, Avon, NY 14414 (585) 226-2466

General Condition 4: Permit Modifications, Suspensions and Revocations by the Department
The Department reserves the right to modify, suspend or revoke this permit in accordance with 6 NYCRR Part 621. The grounds for modification, suspension or revocation include:

a) materially false or inaccurate statements in the permit application or supporting papers;
b) failure by the permittee to comply with any terms or conditions of the permit;
c) exceeding the scope of the project as described in the permit application;
d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

ADDITIONAL GENERAL CONDITIONS FOR ARTICLE 27 (Title 7, Leo Dickson & Sons Composting Facility)

5. All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or his agent as part of the permit application. Such approved plans were prepared by LaBella Associates dated June 2006, January 2007, April 2007 and May 2009

SPECIAL CONDITIONS

1. This approval does not relieve the permittee of the responsibility of complying with any applicable federal, state, or local ordinances, regulations, or laws. The facility is responsible for compliance with federal 40 CRF Part 503 Standards for the Use or Disposal of Sewage Sludge.

2. All activities authorized under this permit shall be conducted in accordance with 6 NYCRR Part 360, the special conditions recited herein, and the report and plans prepared by LaBella- Associates described in General Condition 5 above. Where discrepancies exist among the aforesaid documents, these permit conditions and the New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 360 Solid Waste Management Facility Regulations shall control.

3. The Permittee shall take all steps to minimize or correct any adverse impact on human health or the environment resulting from facility operations. The Permittee shall report any such activity which may endanger human health or the environment to the DEC Region 8 Regional Spill Engineer. Such activities include, but are not limited to, releases of leachate or petroleum products from storage tanks, pipes, containers, and portable tanks to the soil, groundwater, or surface water. Any such information shall be reported verbally within two (2) hours from the time the Permittee becomes aware of the circumstances and followed up in writing within seven days. Telephone numbers available for reporting such activities are as follows:

REGULAR BUSINESS HOURS - 585-226-2466

OTHER HOURS (Answer Service) - 607-324-4504

TOLL FREE HOTLINE - 1-800-457-7362

4. The facility shall accept and compost only biosolids generated from those sources listed in Attachment A at the back of this permit. There shall be no other regulated wastes accepted unless prior written approval is obtained from the Regional DEC office. This restriction does not apply to the compost amendment.

SPECIAL CONDITIONS

For Article 27 (Title 7, Leo Dickson & Sons Composting Facility)

5. The maximum input capacity of this composting facility is approximately 3.0 dry tons of biosolids per day (not including amendment such as sawdust or non-regulated streams).

6. The waste source/biosolids must not exceed the pollutant concentrations found in Table 4 of Section 360-5.10. "Monthly average concentration" in this table *is* the maximum concentration unless analyses are performed on a monthly basis.

7. The product must not contain pollutant levels greater than the values found in Table 7 of Section 360-5.10. The addition of soil or other materials to the process or product for dilution purposes is not allowed.

8. Any material added to the process must not contain pollutants in concentrations that exceed the levels found in Table 4 of Section 360-5.10.

9. The product must not contain more than 2% total gross contaminants by weight (dry weight basis).

10. The particle size of the product must not exceed 10 millimeters (0.39 inch), except for wood particles derived from the use of wood chips as a bulking agent or amendment in composting.

11. A compost product must be produced from a composting process with a minimum detention time of 50 days, including active composting and curing. For composting activities at the facility not involving biosolids, an acceptable method must be used that minimizes odor generation and produces a mature product.

12. The product derived from the biosolids composting must be mature and used in a legitimate manner as a soil amendment. The Department may require process operating conditions including, but not limited to, longer aeration time and/or product use restrictions.

13. An information label must be affixed to the product bag or, for bulk distribution, an information sheet or brochure must be provided to the user. The label or information sheet must contain the name and address of the generator of the product; the type of waste the product was derived from; the average metal content of the product and the allowable metal levels (or a location where this information may be obtained); recommended safe uses; restrictions on use; application rates; and storage practices intended to minimize the potential for nuisance conditions and negative surface and groundwater impacts emanating from the storage or use of the product.

14. Surface water drainage must be diverted away from the operating area of the facility.

For Article 27 (Title 7, Leo Dickson & Sons Composting Facility)

15. All leachate must be collected and disposed in a manner approved by the Department. All leachate storage facilities must be completely emptied, cleaned, and inspected every 12 months.

16. The facility must be operated to control the generation and migration of odors and dust to a level that is to be expected from a well-operated facility, as determined by the Department.

17. The operation of the facility must follow acceptable methods of composting which result in the aerobic biochemical decomposition of the organic material received.

18. Non-compostable or non-processible solid waste and unacceptable product must be disposed at least weekly in a manner approved by the Department.

19. The pathogen content of the material must be reduced before it leaves the facility. Alternatives for accomplishing this are described in Part 360-5.5(b)(1). For composting by the aerated static pile method, the compost pile must be insulated and a temperature of not less 55° Celsius must be maintained throughout the material for a minimum of three (3) consecutive days.

20. One of the vector attraction reduction methods found at Part 360-5.5(b)(2) must be achieved before the material leaves the facility. A method commonly used, from Part 360-5.5(b)(2)(v), requires that the material be treated by an aerobic process for a minimum of 14 days. Throughout that time, the temperature of the material must remain higher than 40 degrees Celsius and the average temperature must be higher than 45 degrees Celsius. Vector attraction reduction methods, except the methods found in subparagraphs 360-5.5(b)(2)(vi) - (viii), must be met either after meeting or at the same time the pathogen reduction requirements are met.

21. Each biosolids source must be analyzed separately and the frequency for analyses is determined by the number of dry tons handled from that generator, as outlined in Table 3 of Part 360-5.10. The parameters to be analyzed are found in Table 1 of 360-5.10. Each sample shall be a composite of five (5) grab samples and must be representative of the sludge to be composted. With the exception of pH and total solids, all results must be reported on a dry weight basis. The analyses must comply with the applicable criteria found in clauses 360-5.5 (a)(1)(ii). The Department may reduce the number of analyses if the product quality so warrants.

22. The product/compost must be analyzed at least twelve (12) times per year for the parameters found in Table 8 of Section 360-5.10. With the exception of pH and total solids, all results must be reported on a dry weight basis. The analyses must comply with the applicable criteria found in clauses 360-5.5 (a)(1)(ii), including sampling, methods, protocol, holding times, etc.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SPECIAL CONDITIONS

For Article (Title 7, Leo Dickson & Sons Composting Facility

23. Sufficient monitoring data must be obtained to demonstrate compliance with the pathogen and vector attraction reduction requirements in subdivision Part 360-5.5(b) of this Subpart. The frequency and type of monitoring necessary will depend on the methods employed to achieve pathogen and vector attraction reduction, and must be approved by the Department. Temperature monitoring must occur, at a minimum, on a daily basis.

24. The Permittee must submit an annual report to the Department's Central Office (Division of Solid & Hazardous Materials, 625 Broadway, Albany, NY 12233) and to this office (Division of Solid & Hazardous Materials , 6274 East Avon-Lima Road, Avon, NY 14414) no later than March 1 of each year, covering operations for the previous calendar year. The report must be on forms prescribed by or acceptable to the Department and must include:

A. All information and analyses required by this Section;

B. The type and quantity of waste and other materials/bulking agents being processed, including the source of the material;

C. Process operational information including monitoring data and significant facility operational problems, including any actions taken to correct such problems;

D. For facilities that accept biosolids, the following certification statement, which must be signed by an authorized representative of the facility and indicate the name and title of the individual signing:

> "I Certify, under penalty of law, that the information that will be used to determine compliance with the requirements in subpart 360-5 of 6NYCRR Part 360 has been prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

E. The quantity, by weight and volume, of product generated at the facility and the quantity of product and other solid waste, including unacceptable product, removed from the facility; and

F. A description of the end-product distribution and disposal methods.

DEC PERMIT NUMBER 8-4666-00022/00001	FACILITY ID NUMBER 51C03
PROGRAM NUMBER	PAGE 6 of 8

SPECIAL CONDITIONS

For Article (Title 7, Leo Dickson & Sons Composting Facility

25. Amendments or modifications to this facility or permit must be approved in writing by the New York State Department of Environmental Conservation prior to implementation.

26. The above conditions shall be subject to change in the event that they become inconsistent with future modifications of the rules and regulations of the New York State Department of Environmental Conservation.

12/2/09 Kimberly A. Merchant Kimberly A. Merchant

DATE ISSUING OFFICER SIGNATURE

95-20-6€(7/87)-25c

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SPECIAL CONDITIONS

For Article 27 (Title 7, Leo Dickson & Sons, Inc.)

ATTACHMENT A

SOLID WASTE MANAGEMENT FACILITY 51C03

Waste Stream Sources

Biosolids generated from the following sources:

Village of Addison WWTP
Village of Bath WWTP
Village of Dansville WWTP
Village of Montour Falls WWTP
Village of Sabinsville, PA WWTP
Village of Portville WWTP
Borough of Westfield, PA WWTP
Conesus Lake County Sewer Dist.
Elkland Borough, PA WWTP
Village of Warsaw WWTP
Village of Waverly WWTP
Nelson Township, PA WWTP

Village of Alfred WWTP
Village of Canisteo WWTP
Village of Dundee WWTP
Village of Wayland WWTP
Village of Perry WWTP
Borough of Knoxville WWTP
Village of Watkins Glen WWTP
Village of Dryden WWTP
Village of Nunda WWTP
Village of Castile WWTP

DEC PERMIT NUMBER	FACILITY ID NUMBER
8-4666-00022/00001	51C03
PROGRAM NUMBER	PAGE 8 OF 8

Dickson Environmental Services
5226 Bonny Hill Road
Bath, New York 14810
607-776-7997 • Fax 607-776-4217

November 30, 2009

Dear Matt Benish;

Please find enclosed the Permits that Leo Dickson & Sons / Dicksons Environmental Services has. I have also attached a 360 analysis for the finished compost of the municipal Bio-Solids. The dewatered Bio-Solids that come from Bath WWTP are brought here to our facility and composted. This Compost is a Class A Compost and meets the highest standard for the 360 Regulation.

If you have any questions regarding any of this information, please contact me at your convenience.

Sincerely,

Philip M Dickson

Philip Dickson

Dickson Environmental Services
5226 Bonny Hill Road
Bath, New York 14810
607-776-7997 • Fax 607-776-4217

December 23, 2009

Bath Electric & Gas
PO Box 310
Bath, NY 14810

Dear Matt:

With our current facility requirements we are also tracking the daily time and temperature to insure that the PSRP is being met so that we produce a class A product.

If you have any questions feel free to call me at 776-7997.

Sincerely,

Philip M. Dickson

Enclosure

PD/ts

LAB ID # 11216
LAB ID # 11827

2106-61

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

RECEIVED
FEB 24 2011
BEGW - BATH, NY

Work Order: 11020099

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11020099
PAGE: 3 of 4
PO#:
PWS ID#

TEST REPORT

Monthly

RECEIVED FOR LAB BY: SCP DATE: 02/01/2011 15:51

% Solids	21.26 % Wght.	SM2540B	0.10	02/08/11 15:00	02/09/11	NFM-SA
Total Volatile Solids	69.64 % Wght.	EPA 160.4	0.01	02/08/11 8:00	02/14/11	NFM-SA
Total Kjeldahl Nitrogen	24900 mg/kg-dry	Lachat	2350	02/16/11 10:00	02/16/11	SG-SA

Sample Note: high LFB for TKN, result may be biased high

SAMPLE: **Belt Press** Lab ID: 11020099-003B Grab
SAMPLED BY: DMS Sample Time: 01/31/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	0.0153 mg/Kg-dry		EPA 7471A	0.0019	02/07/11 13:30	02/09/11	KW-CV
Arsenic	< 7.84 mg/Kg-dry		EPA 6010B	7.84	02/04/11 13:15	02/07/11	GSR-CV
Beryllium	< 0.314 mg/Kg-dry		EPA 6010B	0.314	02/04/11 13:15	02/07/11	GSR-CV
Cadmium	1.80 mg/Kg-dry		EPA 6010B	0.314	02/04/11 13:15	02/07/11	GSR-CV
Chromium	22.8 mg/Kg-dry		EPA 6010B	3.14	02/04/11 13:15	02/07/11	GSR-CV
Copper	376 mg/Kg-dry		EPA 6010B	15.7	02/04/11 13:15	02/07/11	GSR-CV
Lead	24.9 mg/Kg-dry		EPA 6010B	3.14	02/04/11 13:15	02/07/11	GSR-CV
Molybdenum	13.2 mg/Kg-dry		EPA 6010B	3.14	02/04/11 13:15	02/07/11	GSR-CV
Nickel	16.2 mg/Kg-dry		EPA 6010B	3.14	02/04/11 13:15	02/07/11	GSR-CV
Potassium	2820 mg/Kg-dry		EPA 6010B	172	02/04/11 13:15	02/07/11	GSR-CV
Selenium	< 12.5 mg/Kg-dry		EPA 6010B	12.5	02/04/11 13:15	02/07/11	GSR-CV
Zinc	581 mg/Kg-dry		EPA 6010B	6.27	02/04/11 13:15	02/07/11	GSR-CV
Percent Moisture	78.7 %	N2	SM2540G		02/08/11 15:00	02/09/11	NFM-SA

SAMPLE: **Belt Press** Lab ID: 11020099-003C Grab
SAMPLED BY: DMS Sample Time: 01/31/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA
PCB-1221	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA
PCB-1232	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA

REMARKS:

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted on the Analytical Report.

* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

N2 Parameter is NELAC certified by PA DEP, but not in state of origin

d Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 2/17/2011

LAB ID # 11216
LAB ID # 11827

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

RECEIVED
FEB 24 2011
BEGW - BATH, NY

Work Order: 11020099

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11020099
PAGE: 4 of 4
PO#:
PWS ID#

TEST REPORT

Monthly

RECEIVED FOR LAB BY: SCP DATE: 02/01/2011 15:51

PCB-1242	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA
PCB-1248	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA
PCB-1254	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA
PCB-1260	< 0.68 mg/Kg-dry	EPA 8082	0.68	02/08/11 8:34	02/08/11	CPH-SA

REMARKS:

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted on the Analytical Report.

* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

I2 Parameter is NELAC certified by PA DEP, but not in state of origin

Ú Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 2/17/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
FEB 24 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
Eastern Division
2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

Work Order: 11020972

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11020972
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

Wastewater/Sludge

RECEIVED FOR LAB BY: CMS DATE: 02/08/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11020972-001A Composite
SAMPLED BY: DMS Sample Time: 02/08/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	119 mg/kg-dry	US	Lachat	50.8	02/10/11 10:57	02/10/11	JP-SA
Nitrate as N	< 25 mg/kg-dry		SM4500-NO3	25	02/14/11 10:36	02/14/11	KMF-SA
Nitrite as N	< 10 mg/kg-dry		SM4500NO2 B	10	02/11/11 8:00	02/11/11	KMF-SA
pH	7.75 @ 18.6°C		EPA 9045C		02/10/11 14:15	02/10/11	KMF-SA
Phosphorus	1290 mg/kg-dry		EPA 365.3	25	02/14/11 16:10	02/15/11	JP-SA
% Solids	19.69 % Wght.		SM2540B	0.10	02/14/11 11:45	02/15/11	NFM-SA
Total Volatile Solids	58.62 % Wght.		EPA 160.4	0.01	02/14/11 8:00	02/15/11	NFM-SA
Total Kjeldahl Nitrogen	5790 mg/kg-dry		Lachat	508	02/16/11 10:00	02/16/11	SG-SA

Sample Note: Low CCV for NitrateSM4500-NO3_S, result may be biased low.

SAMPLE: **Belt Press** Lab ID: 11020972-001B Composite
SAMPLED BY: DMS Sample Time: 02/08/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	1.37 mg/Kg-dry		EPA 7471A	0.641	02/11/11 9:45	02/14/11	KW-CV
Arsenic	< 11.9 mg/Kg-dry		EPA 6010B	11.9	02/14/11 9:50	02/14/11	GSR-CV
Beryllium	< 0.476 mg/Kg-dry		EPA 6010B	0.476	02/14/11 9:50	02/14/11	GSR-CV
Cadmium	1.28 mg/Kg-dry		EPA 6010B	0.476	02/14/11 9:50	02/14/11	GSR-CV
Chromium	40.0 mg/Kg-dry		EPA 6010B	4.76	02/14/11 9:50	02/14/11	GSR-CV
Copper	388 mg/Kg-dry	L	EPA 6010B	4.76	02/14/11 9:50	02/14/11	GSR-CV
Lead	31.9 mg/Kg-dry		EPA 6010B	4.76	02/14/11 9:50	02/14/11	GSR-CV
Molybdenum	13.5 mg/Kg-dry		EPA 6010B	4.76	02/14/11 9:50	02/14/11	GSR-CV
Nickel	18.2 mg/Kg-dry		EPA 6010B	4.76	02/14/11 9:50	02/14/11	GSR-CV
Potassium	2670 mg/Kg-dry		EPA 6010B	262	02/14/11 9:50	02/14/11	GSR-CV

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

L Value above calibration range but within annually verified linear range

N2 Parameter is NELAC certified by PA DEP, but not in state of origin

S Spike Recovery outside accepted recovery limits

/ Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 2/17/2011

LAB ID # 11216
LAB ID # 11827

Benchmark Analytics, Inc.
Eastern Division

RECEIVED
FEB 2 4 2011
BEGW - BATH, NY

2566 Pennsylvania Ave.
Sayre, PA 18840
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Work Order: 11020972

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11020972
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

Wastewater/Sludge

RECEIVED FOR LAB BY: CMS DATE: 02/08/2011 17:00

Selenium	< 19.0 mg/Kg-dry		EPA 6010B	19.0	02/14/11 9:50	02/14/11	GSR-CV
Zinc	665 mg/Kg-dry		EPA 6010B	9.51	02/14/11 9:50	02/14/11	GSR-CV
Percent Moisture	80.3 %	N2	SM2540G		02/14/11 11:45	02/15/11	NFM-SA

SAMPLE: **Belt Press** Lab ID: 11020972-001C Composite
SAMPLED BY: DMS Sample Time: 02/08/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	02/14/11 8:55	02/14/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11020972-002A Composite
SAMPLED BY: DMS Sample Time: 02/08/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	264 mg/L	SM5210B	6	02/09/11 8:00	02/14/11	NFM-SA
Total Suspended Solids	370 mg/L	SM2540D	5	02/11/11 8:00	02/14/11	MED-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11020972-003A Composite
SAMPLED BY: DMS Sample Time: 02/08/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	02/09/11 8:00	02/14/11	NFM-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	02/11/11 8:00	02/14/11	MED-SA

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L Value above calibration range but within annually verified linear range

N2 Parameter is NELAC certified by PA DEP, but not in state of origin

S Spike Recovery outside accepted recovery limits

) Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 2/17/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
APR 0 1 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
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Work Order: 11032171

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WO#: 11032171
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

Belt Press/Wastewater

RECEIVED FOR LAB BY: SCP DATE: 03/15/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11032171-001A Grab
SAMPLED BY: DMS Sample Time: 03/15/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	860 mg/kg-dry	U	Lachat	470	03/17/11 8:00	03/17/11	NFM-SA
Nitrate as N	< 23 mg/kg-dry		SM4500-NO3	23	03/18/11 12:28	03/18/11	KMF-SA
Nitrite as N	< 9 mg/kg-dry		SM4500NO2 B	9	03/18/11 8:00	03/18/11	KMF-SA
pH	6.63@22.8°C		EPA 9045C		03/16/11 15:29	03/16/11	MED-SA
Phosphorus	1620 mg/kg-dry		EPA 365.3	23	03/21/11 8:00	03/22/11	MED-SA
% Solids	21.28 % Wght.		SM2540B	0.10	03/21/11 15:00	03/22/11	NFM-SA
Total Volatile Solids	60.18 % Wght.		EPA 160.4	0.01	03/21/11 15:00	03/22/11	NFM-SA
Total Kjeldahl Nitrogen	27100 mg/kg-dry		Lachat	4700	03/21/11 10:43	03/21/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11032171-001B Grab
SAMPLED BY: DMS Sample Time: 03/15/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	0.984 mg/Kg-dry		EPA 7471A	0.530	03/17/11 9:40	03/18/11	KW-CV
Arsenic	< 9.02 mg/Kg-dry		EPA 6010B	9.02	03/21/11 10:20	03/22/11	GSR-CV
Beryllium	< 0.361 mg/Kg-dry		EPA 6010B	0.361	03/21/11 10:20	03/22/11	GSR-CV
Cadmium	1.07 mg/Kg-dry		EPA 6010B	0.361	03/21/11 10:20	03/22/11	GSR-CV
Chromium	23.4 mg/Kg-dry		EPA 6010B	3.61	03/21/11 10:20	03/22/11	GSR-CV
Copper	981 mg/Kg-dry		EPA 6010B	75.8	03/21/11 10:20	03/23/11	GSR-CV
Lead	25.4 mg/Kg-dry		EPA 6010B	3.61	03/21/11 10:20	03/22/11	GSR-CV
Molybdenum	14.1 mg/Kg-dry		EPA 6010B	3.61	03/21/11 10:20	03/22/11	GSR-CV
Nickel	15.3 mg/Kg-dry		EPA 6010B	3.61	03/21/11 10:20	03/22/11	GSR-CV
Potassium	1730 mg/Kg-dry		EPA 6010B	199	03/21/11 10:20	03/22/11	GSR-CV
Selenium	< 14.4 mg/Kg-dry	Z	EPA 6010B	14.4	03/21/11 10:20	03/22/11	GSR-CV
Zinc	536 mg/Kg-dry		EPA 6010B	7.22	03/21/11 10:20	03/22/11	GSR-CV
Moisture	78.7 %		Moisture Calc.	0.01	03/21/11 15:00	03/22/11	NFM-SA

REMARKS:

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U Ammonia sample not distilled

Z Due to matrix bias, spike recovery was outside acceptance limits

MANAGER Carrie M. Davis DATE: 3/29/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
APR 01 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
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Sayre, PA 18840
Phone: (570) 888-0169
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Work Order: 11032171

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11032171
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

Belt Press/Wastewater

RECEIVED FOR LAB BY: SCP DATE: 03/15/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11032171-001C Grab
SAMPLED BY: DMS Sample Time: 03/15/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1221	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1232	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1242	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1248	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1254	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA
PCB-1260	< 0.68 mg/Kg-dry	EPA 8082	0.68	03/24/11 23:16	03/25/11	CPH-SA

SAMPLE: **Influent-Composite** Lab ID: 11032171-002A Grab
SAMPLED BY: DMS Sample Time: 03/15/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	111 mg/L	SM5210B	6	03/16/11 14:30	03/21/11	JP-SA
Total Suspended Solids	346 mg/L	SM2540D	5	03/18/11 17:00	03/21/11	KDD-SA

SAMPLE: **Effluent-Composite** Lab ID: 11032171-003A Grab
SAMPLED BY: DMS Sample Time: 03/15/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	03/16/11 14:30	03/21/11	JP-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	03/18/11 17:00	03/21/11	KDD-SA

REMARKS:

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U Ammonia sample not distilled

Z Due to matrix bias, spike recovery was outside acceptance limits

MANAGER Carrie M. Davis DATE: 3/29/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
MAY 05 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
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Work Order: 11042798

SEND DATA TO:

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FAX: (607) 776-9092

WO#: 11042798
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

Sludge/Wastewater

RECEIVED FOR LAB BY: SCP DATE: 04/19/2011 16:25

SAMPLE: **Belt Press** Lab ID: 11042798-001A Grab
SAMPLED BY: DMS Sample Time: 04/14/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	< 524 mg/kg-dry	UY	Lachat	524	04/20/11 10:45	04/20/11	JP-SA
Nitrate as N	< 26 mg/kg-dry		SM4500-NO3	26	04/20/11 9:40	04/20/11	KMF-SA
Nitrite as N	< 10 mg/kg-dry		SM4500NO2 B	10	04/20/11 8:00	04/20/11	KMF-SA
pH	7.04 @ 20.8°C		EPA 9045C		04/21/11 14:38	04/21/11	KAL-SA
Phosphorus	6750 mg/kg-dry		EPA 365.3	26	04/25/11 15:08	04/26/11	JP-SA
Total Solids	19 % Wght.		SM2540B		04/25/11 10:30	04/26/11	NFM-SA
Total Volatile Solids	55.61 % Wght.		EPA 160.4	0.01	04/25/11 10:00	04/26/11	NFM-SA
Total Kjeldahl Nitrogen	12000 mg/kg-dry		Lachat	5240	04/25/11 10:58	04/25/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11042798-001B Grab
SAMPLED BY: DMS Sample Time: 04/14/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	0.761 mg/Kg-dry		EPA 7471A	0.612	04/21/11 10:30	04/25/11	KW-CV
Arsenic	< 12.3 mg/Kg-dry		EPA 6010B	12.3	04/26/11 10:15	04/27/11	GSR-CV
Beryllium	< 0.494 mg/Kg-dry		EPA 6010B	0.494	04/26/11 10:15	04/27/11	GSR-CV
Cadmium	1.26 mg/Kg-dry		EPA 6010B	0.494	04/26/11 10:15	04/27/11	GSR-CV
Chromium	28.4 mg/Kg-dry		EPA 6010B	4.94	04/26/11 10:15	04/27/11	GSR-CV
Copper	397 mg/Kg-dry	L	EPA 6010B	4.94	04/26/11 10:15	04/27/11	GSR-CV
Lead	32.2 mg/Kg-dry		EPA 6010B	4.94	04/26/11 10:15	04/27/11	GSR-CV
Molybdenum	10.5 mg/Kg-dry		EPA 6010B	4.94	04/26/11 10:15	04/27/11	GSR-CV
Nickel	18.8 mg/Kg-dry		EPA 6010B	4.94	04/26/11 10:15	04/27/11	GSR-CV
Potassium	3260 mg/Kg-dry		EPA 6010B	272	04/26/11 10:15	04/27/11	GSR-CV
Selenium	< 19.7 mg/Kg-dry		EPA 6010B	19.7	04/26/11 10:15	04/27/11	GSR-CV
Zinc	637 mg/Kg-dry		EPA 6010B	9.87	04/26/11 10:15	04/27/11	GSR-CV

REMARKS:

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L Value above calibration range but within annually verified linear range

UY Ammonia sample not distilled

Y LFB % Recovery below acceptance limits. The result may be biased low.

MANAGER Carrie M. Davis DATE: 4/29/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
MAY 05 2011
WEGW - BATH, NY

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Eastern Division

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WO#: 11042798
PAGE: 2 of 2
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TEST REPORT

Sludge/Wastewater

RECEIVED FOR LAB BY: SCP DATE: 04/19/2011 16:25

Percent Moisture	80.9 %	SM2540G		04/25/11 10:30	04/26/11	NFM-SA

SAMPLE: **Belt Press** Lab ID: 11042798-001C Grab
SAMPLED BY: DMS Sample Time: 04/14/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1221	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1232	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1242	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1248	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1254	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA
PCB-1260	< 0.64 mg/Kg-dry	EPA 8082	0.64	04/29/11 8:57	04/29/11	CPH-SA

SAMPLE: **Influent-Composite** Lab ID: 11042798-002A Grab
SAMPLED BY: DMS Sample Time: 04/19/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	190 mg/L	SM5210B	6	04/20/11 8:00	04/25/11	MED-SA
Total Suspended Solids	580 mg/L	SM2540D	5	04/22/11 10:00	04/25/11	NFM-SA

SAMPLE: **Effluent-Composite** Lab ID: 11042798-003A Grab
SAMPLED BY: DMS Sample Time: 04/19/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	04/20/11 8:00	04/25/11	MED-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	04/22/11 10:00	04/25/11	NFM-SA

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J Ammonia sample not distilled

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MANAGER Carrie M. Davis DATE: 4/29/2011

LAB ID # 11216
LAB ID # 11827

Benchmark Analytics, Inc.
Eastern Division

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RECEIVED
JUN 14 2011
REGW - BATH, NY

Work Order: 11053852

SEND DATA TO:

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WO#: 11053852
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

Influent, Effluent, Belt Press Testing

RECEIVED FOR LAB BY: SCP DATE: 05/24/2011 16:48

SAMPLE: **Belt Press** Lab ID: 11053852-001A Composite
SAMPLED BY: DMS Sample Time: 05/24/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	< 439 mg/kg-dry	U	Lachat	439	05/26/11 10:23	05/26/11	KAL-SA
Nitrate as N	126 mg/kg-dry		SM4500-NO3	22	05/25/11 12:00	05/25/11	SG-SA
Nitrite as N	< 11 mg/kg-dry		SM4500NO2 B	11	05/25/11 8:00	05/25/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	05/27/11 15:30	05/27/11	IC-SA
pH	6.94 @ 20.5°C		EPA 9045C		05/25/11 9:30	05/25/11	KDD-SA
Phosphorus	3950 mg/kg-dry		EPA 365.3	22	05/31/11 8:00	06/01/11	MED-SA
Total Solids	23 % Wght.		SM2540B		05/31/11 10:00	06/01/11	NFM-SA
Total Volatile Solids	52.49 % Wght.		EPA 160.4	0.01	05/31/11 9:00	06/01/11	NFM-SA
Total Kjeldahl Nitrogen	13200 mg/kg-dry		Lachat	4390	05/31/11 10:39	05/31/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11053852-001B Composite
SAMPLED BY: DMS Sample Time: 05/24/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	1.83 mg/Kg-dry	EPA 7471A	0.471	05/31/11 10:00	06/01/11	KW-CV
Arsenic	< 12.1 mg/Kg-dry	EPA 6010B	12.1	05/27/11 12:30	05/31/11	GSR-CV
Beryllium	< 0.483 mg/Kg-dry	EPA 6010B	0.483	05/27/11 12:30	05/31/11	GSR-CV
Cadmium	1.13 mg/Kg-dry	EPA 6010B	0.483	05/27/11 12:30	05/31/11	GSR-CV
Chromium	28.8 mg/Kg-dry	EPA 6010B	4.83	05/27/11 12:30	05/31/11	GSR-CV
Copper	412 mg/Kg-dry	EPA 6010B	24.2	05/27/11 12:30	06/01/11	GSR-CV
Lead	28.8 mg/Kg-dry	EPA 6010B	4.83	05/27/11 12:30	05/31/11	GSR-CV
Molybdenum	10.3 mg/Kg-dry	EPA 6010B	4.83	05/27/11 12:30	05/31/11	GSR-CV
Nickel	17.7 mg/Kg-dry	EPA 6010B	4.83	05/27/11 12:30	05/31/11	GSR-CV
Potassium	2550 mg/Kg-dry	EPA 6010B	266	05/27/11 12:30	05/31/11	GSR-CV
Selenium	< 19.3 mg/Kg-dry	EPA 6010B	19.3	05/27/11 12:30	05/31/11	GSR-CV
Zinc	668 mg/Kg-dry	EPA 6010B	9.66	05/27/11 12:30	05/31/11	GSR-CV
Percent Moisture	77.2 %	SM2540G		05/31/11 10:00	06/01/11	NFM-SA

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 6/7/2011

LAB ID # 11216
LAB ID # 11827

RECEIVED
JUN 14 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

Work Order: 11053852

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11053852
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

Influent, Effluent, Belt Press Testing

RECEIVED FOR LAB BY: SCP DATE: 05/24/2011 16:48

SAMPLE: **Belt Press** Lab ID: 11053852-001C Composite
SAMPLED BY: DMS Sample Time: 05/24/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	06/06/11 10:20	06/06/11	CPH-SA

SAMPLE: **Influent-Composite** Lab ID: 11053852-002A Composite
SAMPLED BY: DMS Sample Time: 05/24/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	291 mg/L	SM5210B	6	05/26/11 8:00	05/31/11	NFM-SA
Total Suspended Solids	710 mg/L	SM2540D	5	05/27/11 8:00	05/31/11	KDD-SA

SAMPLE: **Effluent-Composite** Lab ID: 11053852-003A Composite
SAMPLED BY: DMS Sample Time: 05/24/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	05/26/11 8:00	05/31/11	NFM-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	05/27/11 8:00	05/31/11	KDD-SA

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 6/7/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

RECEIVED
JUL 26 2011
BEGW - BATH, NY

Benchmark Analytics, Inc.
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Work Order: 11064994

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COMPANY: Bath Electric,Gas,& Water WWTP
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WO#: 11064994
PAGE: 2 of 3
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 06/28/2011 16:54

Potassium	1980 mg/Kg-dry	EPA 6010B	262	07/07/11 6:30	07/08/11	JRA-CV
Selenium	< 19.1 mg/Kg-dry	EPA 6010B	19.1	07/07/11 6:30	07/08/11	JRA-CV
Zinc	914 mg/Kg-dry	EPA 6010B	9.54	07/07/11 6:30	07/08/11	JRA-CV

SAMPLE: **Belt Press** Lab ID: 11064994-001C Grab
SAMPLED BY: DMS Sample Time: 06/28/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	07/15/11 14:52	07/16/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11064994-002A Composite
SAMPLED BY: DMS Sample Time: 06/28/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	222 mg/L	SM5210B	6	06/30/11 7:00	07/05/11	JP-SA
Total Suspended Solids	370 mg/L	SM2540D	5	07/01/11 8:00	07/05/11	MED-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11064994-003A Composite
SAMPLED BY: DMS Sample Time: 06/28/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	06/30/11 7:00	07/05/11	JP-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	07/01/11 8:00	07/05/11	MED-SA

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

L Value above calibration range but within annually verified linear range

S Spike Recovery outside accepted recovery limits

J Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 7/18/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

RECEIVED
JUL 26 2011
BEGW - BATH, NY

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WO#: 11064994
PAGE: 1 of 3
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 06/28/2011 16:54

SAMPLE: **Belt Press** Lab ID: 11064994-001A Grab
SAMPLED BY: DMS Sample Time: 06/28/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	77.6 %		SM2540G		06/29/11 10:30	06/30/11	NFM-SA
Ammonia as N	1390 mg/kg-dry	U	Lachat 10-107-06-1B	44.6	06/30/11 9:00	06/30/11	KDD-SA
Nitrate as N	< 22 mg/kg-dry		SM4500NO3-F	22	06/29/11 8:00	06/29/11	SG-SA
Nitrite as N	< 11 mg/kg-dry		SM4500NO2 B	11	06/29/11 8:00	06/29/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	06/29/11 12:15	06/29/11	IC-SA
pH	7.31@21.7°C		EPA 9045C		06/30/11 14:06	06/30/11	JLE-SA
Phosphorus	3330 mg/kg-dry		EPA 365.3	22	07/05/11 8:00	07/06/11	MED-SA
Total Solids	22 % Wght.		SM2540B		06/29/11 10:30	06/30/11	NFM-SA
Total Volatile Solids	51.46 % Wght.		SM 2540G	0.01	06/29/11 10:30	06/30/11	NFM-SA
Total Kjeldahl Nitrogen	4320 mg/kg-dry	S	Lachat 10-107-06-2-D	446	07/01/11 10:42	07/01/11	KAL-SA

Sample Note: SM2540G for Total Volatile Solids is currently in applied status for NELAC.

SAMPLE: **Belt Press** Lab ID: 11064994-001B Grab
SAMPLED BY: DMS Sample Time: 06/28/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	3.93 mg/Kg-dry		EPA 7471A	0.518	07/01/11 10:15	07/05/11	KW-CV
Arsenic	< 11.9 mg/Kg-dry		EPA 6010B	11.9	07/07/11 6:30	07/08/11	JRA-CV
Beryllium	< 0.477 mg/Kg-dry		EPA 6010B	0.477	07/07/11 6:30	07/08/11	JRA-CV
Cadmium	1.98 mg/Kg-dry		EPA 6010B	0.477	07/07/11 6:30	07/08/11	JRA-CV
Chromium	34.3 mg/Kg-dry		EPA 6010B	4.77	07/07/11 6:30	07/08/11	JRA-CV
Copper	628 mg/Kg-dry	L	EPA 6010B	4.77	07/07/11 6:30	07/08/11	JRA-CV
Lead	47.6 mg/Kg-dry		EPA 6010B	4.77	07/07/11 6:30	07/08/11	JRA-CV
Molybdenum	11.6 mg/Kg-dry		EPA 6010B	4.77	07/07/11 6:30	07/08/11	JRA-CV
Nickel	22.7 mg/Kg-dry		EPA 6010B	4.77	07/07/11 6:30	07/08/11	JRA-CV

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

L Value above calibration range but within annually verified linear range

S Spike Recovery outside accepted recovery limits

U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 7/18/2011

LAB ID #: 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
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Fax: (570) 888-0717

Work Order: 11074375

SEND DATA TO:

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COMPANY: Bath Electric,Gas,& Water WWTP
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Bath, NY 14810

PHONE: (607) 776-3031
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WO#: 11074375
PAGE: 2 of 3
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP DATE: 07/26/2011 17:00

Zinc	896 mg/Kg-dry	EPA 6010B	29.1	07/28/11 9:30	07/28/11	GSR-CV

SAMPLE: **Belt Press** Lab ID: 11074375-001C Grab
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1221	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1232	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1242	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1248	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1254	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA
PCB-1260	< 0.68 mg/Kg-dry	EPA 8082	0.68	08/09/11 3:09	08/09/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11074375-002A Composite
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	305 mg/L	SM5210B	6	07/27/11 10:00	08/01/11	KAL-SA
Total Suspended Solids	674 mg/L	SM2540D	5	07/28/11 8:00	08/01/11	MED-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11074375-002B Composite
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as NH3	2.8 mg/L	Lachat 10-107-06-1B	0.1	07/27/11 15:00	07/28/11	KDD-SA
Total Kjeldahl Nitrogen	43.4 mg/L	Lachat 10-107-06-2-D	5.0	08/01/11 9:47	08/01/11	KED-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11074375-003A Composite
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	12 mg/L	SM5210B	6	07/27/11 10:00	08/01/11	KAL-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	07/28/11 8:00	08/01/11	MED-SA

REMARKS:

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J Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 8/12/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840

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Work Order: 11074375

SEND DATA TO:

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COMPANY: Bath Electric,Gas,& Water WWTP
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Bath, NY 14810

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FAX: (607) 776-9092

WO#: 11074375
PAGE: 1 of 3
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP DATE: 07/26/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11074375-001A Grab
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	76.1 %		SM2540G		08/02/11 16:00	08/03/11	NFM-SA
Ammonia as N	70.3 mg/kg-dry	U	Lachat 10-107-06-1B	41.9	07/28/11 11:00	07/28/11	KDD-SA
Nitrate as N	569 mg/kg-dry		SM4500NO3-F	21	08/02/11 9:00	08/02/11	SG-SA
Nitrite as N	< 10 mg/kg-dry		SM4500NO2 B	10	08/02/11 9:00	08/02/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	07/28/11 16:05	07/28/11	IC-SA
pH	7.15@20.8°C		EPA 9045C		07/28/11 9:15	07/28/11	KED-SA
Phosphorus	2850 mg/kg-dry		EPA 365.3	21	07/28/11 10:35	07/28/11	JP-SA
Total Solids	24 % Wght.		SM2540B		08/02/11 16:00	08/03/11	NFM-SA
Total Volatile Solids	50.72 % Wght.		SM 2540G	0.01	08/03/11 9:30	08/05/11	NFM-SA
Total Kjeldahl Nitrogen	< 419 mg/kg-dry		Lachat 10-107-06-2-D	419	08/01/11 9:47	08/01/11	KED-SA

Sample Note: SM2540 for Total Volatile Solids is currently in applied status for NELAC.

SAMPLE: **Belt Press** Lab ID: 11074375-001B Grab
SAMPLED BY: DMS Sample Time: 07/26/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	2.59 mg/Kg-dry	EPA 7471A	0.675	07/29/11 10:30	08/02/11	KW-CV
Arsenic	< 36.3 mg/Kg-dry	EPA 6010B	36.3	07/28/11 9:30	07/28/11	GSR-CV
Beryllium	< 1.45 mg/Kg-dry	EPA 6010B	1.45	07/28/11 9:30	07/28/11	GSR-CV
Cadmium	1.91 mg/Kg-dry	EPA 6010B	1.45	07/28/11 9:30	07/28/11	GSR-CV
Chromium	29.4 mg/Kg-dry	EPA 6010B	14.5	07/28/11 9:30	07/28/11	GSR-CV
Copper	632 mg/Kg-dry	EPA 6010B	26.1	07/28/11 9:30	08/04/11	GSR-CV
Lead	37.7 mg/Kg-dry	EPA 6010B	14.5	07/28/11 9:30	07/28/11	GSR-CV
Molybdenum	< 14.5 mg/Kg-dry	EPA 6010B	14.5	07/28/11 9:30	07/28/11	GSR-CV
Nickel	21.3 mg/Kg-dry	EPA 6010B	14.5	07/28/11 9:30	07/28/11	GSR-CV
Potassium	1810 mg/Kg-dry	EPA 6010B	160	07/28/11 9:30	08/04/11	GSR-CV
Selenium	< 58.1 mg/Kg-dry	EPA 6010B	58.1	07/28/11 9:30	07/28/11	GSR-CV

REMARKS:

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CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

J Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 8/12/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
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Work Order: 11081642

SEND DATA TO:

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COMPANY: Bath Electric,Gas,& Water WWTP
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Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11081642
PAGE: 1 of 4
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press
RECEIVED FOR LAB BY: CMS DATE: 08/09/2011 15:33

SAMPLE: **Belt Press** Lab ID: 11081642-001A Grab
SAMPLED BY: DMS Sample Time: 08/09/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	79.2 %		SM2540G		08/15/11 9:30	08/16/11	KED-SA
Ammonia as N	431 mg/kg-dry	U	Lachat 10-107-06-1B	48.0	08/18/11 13:39	08/18/11	KAL-SA
Nitrate as N	< 24 mg/kg-dry		SM4500NO3-F	24	08/10/11 8:00	08/10/11	SG-SA
Nitrite as N	< 12 mg/kg-dry		SM4500NO2 B	12	08/10/11 8:00	08/10/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	08/16/11 11:00	08/16/11	IC-SA
pH	6.71@24.4°C		EPA 9045C		08/11/11 9:35	08/11/11	JLE-SA
Phosphorus	3280 mg/kg-dry		EPA 365.3	24	08/15/11 13:00	08/16/11	MED-SA
% Solids	20.84 % Wght.		SM2540G	0.10	08/15/11 9:30	08/16/11	KED-SA
Total Volatile Solids	63.27 % Wght.		SM 2540G	0.01	08/18/11 12:07	08/18/11	KED-SA
Total Kjeldahl Nitrogen	8730 mg/kg-dry		Lachat 10-107-06-2-D	4800	08/15/11 12:41	08/15/11	JP-SA

SAMPLE: **Belt Press** Lab ID: 11081642-001B Grab
SAMPLED BY: DMS Sample Time: 08/09/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	3.22 mg/Kg-dry		EPA 7471A	0.604	08/16/11 9:30	08/17/11	KW-CV
Arsenic	7.23 mg/Kg-dry	Z	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV
Beryllium	< 0.458 mg/Kg-dry	Z	EPA 6010B	0.458	08/19/11 7:30	08/19/11	GSR-CV
Cadmium	3.60 mg/Kg-dry	Z	EPA 6010B	0.458	08/19/11 7:30	08/19/11	GSR-CV
Chromium	30.7 mg/Kg-dry	Z	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV
Copper	631 mg/Kg-dry	ZL	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV
Lead	75.1 mg/Kg-dry	Z	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV
Molybdenum	13.2 mg/Kg-dry	Z	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV
Nickel	24.5 mg/Kg-dry	Z	EPA 6010B	4.58	08/19/11 7:30	08/19/11	GSR-CV

REMARKS:

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L Value above calibration range but within annually verified linear range

Q Due to matrix effects, not all quality control parameters met acceptance criteria

U Ammonia sample not distilled

Z Due to matrix bias, spike recovery was outside acceptance limits

MANAGER Carrie M. Davis DATE: 8/31/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

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Eastern Division
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ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11081642
PAGE: 2 of 4
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 08/09/2011 15:33

Potassium	1860 mg/Kg-dry	Z	EPA 6010B	252	08/19/11 7:30	08/19/11	GSR-CV
Selenium	< 18.3 mg/Kg-dry	Z	EPA 6010B	18.3	08/19/11 7:30	08/19/11	GSR-CV
Zinc	1130 mg/Kg-dry	QL	EPA 6010B	9.16	08/19/11 7:30	08/19/11	GSR-CV

SAMPLE: **Belt Press** Lab ID: 11081642-001C Grab
SAMPLED BY: DMS Sample Time: 08/09/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	08/27/11 7:21	08/27/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11081642-002A Composite
SAMPLED BY: DMS Sample Time: 08/09/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	287 mg/L	SM5210B	6	08/11/11 8:00	08/16/11	MED-SA
Total Suspended Solids	408 mg/L	SM2540D	5	08/12/11 8:00	08/15/11	NFM-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11081642-002B Composite
SAMPLED BY: DMS Sample Time: 08/09/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as NH3	71.2 mg/L	Lachat 10-107-06-1B	1.0	08/17/11 8:30	08/17/11	KDD-SA
Total Kjeldahl Nitrogen	60.5 mg/L	Lachat 10-107-06-2-D	5.0	08/15/11 12:41	08/15/11	JP-SA

REMARKS:

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted on the Analytical Report.

* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

L Value above calibration range but within annually verified linear range

Q Due to matrix effects, not all quality control parameters met acceptance criteria

J Ammonia sample not distilled

Z Due to matrix bias, spike recovery was outside acceptance limits

MANAGER Carrie M. Davis DATE: 8/31/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840

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Fax: (570) 888-0717

Work Order: 11093164

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
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Bath, NY 14810

PHONE: (607) 776-3031
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WO#: 11093164
PAGE: 1 of 3
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 09/20/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11093164-001A Composite
SAMPLED BY: DMS Sample Time: 09/20/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	80.0 %		SM2540G		09/26/11 11:35	09/27/11	JLE-SA
Ammonia as N	664 mg/kg-dry	UY	Lachat 10-107-06-1B	49.9	09/21/11 15:42	09/21/11	KAL-SA
Nitrate as N	< 25 mg/kg-dry		SM4500NO3-F	25	09/29/11 12:00	09/29/11	SG-SA
Nitrite as N	15 mg/kg-dry		SM4500NO2 B	12	09/29/11 8:00	09/29/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	09/21/11 12:00	09/21/11	IC-SA
pH	6.57@25.5°C		EPA 9045C		09/22/11 14:48	09/22/11	JLE-SA
Phosphorus	2640 mg/kg-dry		EPA 365.3	25	09/26/11 8:00	09/26/11	MED-SA
Total Solids	20 % Wght.		SM2540B		09/26/11 11:35	09/27/11	JLE-SA
Total Volatile Solids	56.59 % Wght.		SM 2540G	0.01	09/26/11 11:35	09/27/11	JLE-SA
Total Kjeldahl Nitrogen	11200 mg/kg-dry	S R	Lachat 10-107-06-2-D	4990	09/22/11 11:56	09/22/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11093164-001B Composite
SAMPLED BY: DMS Sample Time: 09/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	1.01 mg/Kg-dry	EPA 7471A	0.540	09/22/11 13:30	09/26/11	KW-CV
Arsenic	< 12.5 mg/Kg-dry	EPA 6010B	12.5	09/27/11 8:20	09/28/11	GSR-CV
Beryllium	< 0.499 mg/Kg-dry	EPA 6010B	0.499	09/27/11 8:20	09/28/11	GSR-CV
Cadmium	1.98 mg/Kg-dry	EPA 6010B	0.499	09/27/11 8:20	09/28/11	GSR-CV
Chromium	27.1 mg/Kg-dry	EPA 6010B	4.99	09/27/11 8:20	09/28/11	GSR-CV
Copper	799 mg/Kg-dry	EPA 6010B	24.9	09/27/11 8:20	09/29/11	GSR-CV
Lead	40.2 mg/Kg-dry	EPA 6010B	4.99	09/27/11 8:20	09/28/11	GSR-CV
Molybdenum	12.1 mg/Kg-dry	EPA 6010B	4.99	09/27/11 8:20	09/28/11	GSR-CV
Nickel	22.3 mg/Kg-dry	EPA 6010B	4.99	09/27/11 8:20	09/28/11	GSR-CV

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

U Ammonia sample not distilled

Y LFB % Recovery below acceptance limits. The result may be biased low.

MANAGER Carrie M. Davis DATE: 10/7/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840

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Work Order: 11093164

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
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Bath, NY 14810

PHONE: (607) 776-3031
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WO#: 11093164
PAGE: 2 of 3
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 09/20/2011 17:00

Potassium	1810 mg/Kg-dry	EPA 6010B	274	09/27/11 8:20	09/28/11	GSR-CV
Selenium	< 19.9 mg/Kg-dry	EPA 6010B	19.9	09/27/11 8:20	09/28/11	GSR-CV
Zinc	965 mg/Kg-dry	EPA 6010B	9.97	09/27/11 8:20	09/28/11	GSR-CV

SAMPLE: **Belt Press** Lab ID: 11093164-001C Composite
SAMPLED BY: DMS Sample Time: 09/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1221	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1232	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1242	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1248	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1254	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA
PCB-1260	< 0.68 mg/Kg-dry	EPA 8082	0.68	10/06/11 10:11	10/06/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11093164-002A Composite
SAMPLED BY: DMS Sample Time: 09/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	222 mg/L	SM5210B	6	09/21/11 8:00	09/26/11	JP-SA
Total Suspended Solids	354 mg/L	SM2540D	5	09/23/11 8:00	09/26/11	MED-SA

Sample Note: CBOD method blank depletion was greater than 0.2 mg/L.

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11093164-002B Composite
SAMPLED BY: DMS Sample Time: 09/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as NH3	11.8 mg/L	Lachat 10-107-06-1B	0.1	09/27/11 13:00	09/27/11	KDD-SA
Total Kjeldahl Nitrogen	61.0 mg/L	Lachat 10-107-06-2-D	5.0	09/26/11 10:51	09/26/11	KAL-SA

REMARKS:

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R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

U Ammonia sample not distilled

Y LFB % Recovery below acceptance limits. The result may be biased low.

MANAGER Carrie M. Davis DATE: 10/7/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

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Eastern Division

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Work Order: 11113617

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WO#: 11113617
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PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP DATE: 11/22/2011 14:47

SAMPLE: **Belt Press** Lab ID: 11113617-001A Grab
SAMPLED BY: DMS Sample Time: 11/22/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	78.6 %		SM2540G		11/22/11 11:15	11/23/11	KJG-SA
Ammonia as N	1040 mg/kg-dry	UR	Lachat 10-107-06-1B	46.7	11/28/11 8:00	11/28/11	KDD-SA
Nitrate as N	65 mg/kg-dry		SM4500NO3-F	23	11/30/11 13:30	11/30/11	SG-SA
Nitrite as N	16 mg/kg-dry		SM4500NO2 B	12	12/01/11 8:00	12/01/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	11/23/11 11:30	11/23/11	IC-SA
pH	7.18@23.1°C		EPA 9045C		11/23/11 9:21	11/23/11	KJG-SA
Phosphorus	5120 mg/kg-dry		EPA 365.3	23	11/28/11 8:00	11/29/11	MED-SA
Total Solids	21 % Wght.		SM2540B		11/22/11 11:15	11/23/11	KJG-SA
Total Volatile Solids	58.74 % Wght.	R	SM 2540G	0.01	11/23/11 9:05	11/23/11	KJG-SA
Total Kjeldahl Nitrogen	2040 mg/kg-dry		Lachat 10-107-06-2-D	467	11/29/11 10:33	11/29/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11113617-001B Grab
SAMPLED BY: DMS Sample Time: 11/22/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	1.61 mg/Kg-dry	EPA 7471A	0.605	11/29/11 9:00	11/30/11	KW-CV
Arsenic	5.39 mg/Kg-dry	EPA 6010B	3.64	11/30/11 7:40	12/01/11	GSR-CV
Beryllium	< 0.364 mg/Kg-dry	EPA 6010B	0.364	11/30/11 7:40	12/01/11	GSR-CV
Cadmium	1.68 mg/Kg-dry	EPA 6010B	0.364	11/30/11 7:40	12/01/11	GSR-CV
Chromium	34.6 mg/Kg-dry	EPA 6010B	3.64	11/30/11 7:40	12/01/11	GSR-CV
Copper	709 mg/Kg-dry	EPA 6010B	18.2	11/30/11 7:40	12/01/11	GSR-CV
Lead	49.2 mg/Kg-dry	EPA 6010B	3.64	11/30/11 7:40	12/01/11	GSR-CV
Molybdenum	9.62 mg/Kg-dry	EPA 6010B	3.64	11/30/11 7:40	12/01/11	GSR-CV
Nickel	25.2 mg/Kg-dry	EPA 6010B	3.64	11/30/11 7:40	12/01/11	GSR-CV
Potassium	2860 mg/Kg-dry	EPA 6010B	200	11/30/11 7:40	12/02/11	GSR-CV
Selenium	< 14.6 mg/Kg-dry	EPA 6010B	14.6	11/30/11 7:40	12/01/11	GSR-CV

REMARKS:

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R RPD outside accepted recovery limits

) Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 12/7/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division
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Work Order: 11113617

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11113617
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP. DATE: 11/22/2011 14:47

Zinc	1220 mg/Kg-dry	EPA 6010B	36.4	11/30/11 7:40	12/01/11	GSR-CV

SAMPLE: **Belt Press** Lab ID: 11113617-001C Grab
SAMPLED BY: DMS Sample Time: 11/22/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/01/11 12:05	12/01/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11113617-002A Composite
SAMPLED BY: DMS Sample Time: 11/22/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	282 mg/L	SM5210B	6	11/22/11 13:00	11/27/11	KAL-SA
Total Suspended Solids	322 mg/L	SM2540D	5	11/22/11 12:00	11/23/11	MED-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11113617-003A Composite
SAMPLED BY: DMS Sample Time: 11/22/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	11/22/11 13:00	11/27/11	KAL-SA
Total Suspended Solids	< 5 mg/L	SM2540D	5	11/22/11 12:00	11/23/11	MED-SA

REMARKS:

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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

R RPD outside accepted recovery limits

) Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 12/7/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division

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Work Order: 11102889

SEND DATA TO:

NAME: Mr. Royce Hoad
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WO#: 11102889
PAGE: 1 of 3
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP DATE: 10/18/2011 17:00

SAMPLE: **Belt Press** Lab ID: 11102889-001A Grab
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	1430 mg/kg-dry	U	Lachat 10-107-06-1B	45.9	10/20/11 10:00	10/20/11	MED-SA
Nitrate as N	< 23 mg/kg-dry		SM4500NO3-F	23	10/25/11 8:00	10/25/11	SG-SA
Nitrite as N	< 11 mg/kg-dry		SM4500NO2 B	11	10/25/11 12:00	10/25/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	10/24/11 9:00	10/24/11	IC-SA
pH	7.31@24.1°C		EPA 9045C		10/21/11 12:30	10/21/11	JLE-SA
Phosphorus	3340 mg/kg-dry		EPA 365.3	23	10/24/11 14:00	10/25/11	MED-SA
Total Solids	22 % Wght.		SM2540B		10/21/11 11:30	10/24/11	KJG-SA
Total Volatile Solids	58.48 % Wght.		SM 2540G	0.01	10/21/11 10:15	10/22/11	KJG-SA
Total Kjeldahl Nitrogen	1440 mg/kg-dry		Lachat 10-107-06-2-D	459	10/24/11 9:56	10/24/11	KAL-SA

SAMPLE: **Belt Press** Lab ID: 11102889-001B Grab
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	2.12 mg/Kg-dry	EPA 7471A	0.514	10/21/11 9:30	10/24/11	KW-CV
Arsenic	5.97 mg/Kg-dry	EPA 6010B	4.38	10/20/11 8:15	10/21/11	GSR-CV
Beryllium	< 0.438 mg/Kg-dry	EPA 6010B	0.438	10/20/11 8:15	10/21/11	GSR-CV
Cadmium	1.52 mg/Kg-dry	EPA 6010B	0.438	10/20/11 8:15	10/21/11	GSR-CV
Chromium	25.1 mg/Kg-dry	EPA 6010B	4.38	10/20/11 8:15	10/21/11	GSR-CV
Copper	530 mg/Kg-dry	EPA 6010B	21.9	10/20/11 8:15	10/21/11	GSR-CV
Lead	31.6 mg/Kg-dry	EPA 6010B	4.38	10/20/11 8:15	10/21/11	GSR-CV
Molybdenum	8.37 mg/Kg-dry	EPA 6010B	4.38	10/20/11 8:15	10/21/11	GSR-CV
Nickel	20.5 mg/Kg-dry	EPA 6010B	4.38	10/20/11 8:15	10/21/11	GSR-CV
Potassium	1800 mg/Kg-dry	EPA 6010B	241	10/20/11 8:15	10/21/11	GSR-CV
Selenium	< 17.5 mg/Kg-dry	EPA 6010B	17.5	10/20/11 8:15	10/21/11	GSR-CV
Zinc	825 mg/Kg-dry	EPA 6010B	8.76	10/20/11 8:15	10/21/11	GSR-CV

REMARKS:
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* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA
J RPD outside accepted recovery limits
U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 10/28/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

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Eastern Division

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Work Order: 11102889

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
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WO#: 11102889
PAGE: 2 of 3
PO#:
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TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: SCP DATE: 10/18/2011 17:00

Percent Moisture	78.2 %		SM2540G	10/21/11 11:30	10/24/11	KJG-SA

SAMPLE: **Belt Press** Lab ID: 11102889-001C Grab
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry		EPA 8082	0.70	10/26/11 15:40	10/26/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11102889-002A Composite
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	225 mg/L		SM5210B	6	10/19/11 12:00	10/24/11	JP-SA
Total Suspended Solids	310 mg/L	R	SM2540D	5	10/21/11 8:00	10/24/11	MED-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11102889-002B Composite
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Ammonia as N	2.4 mg/L	Lachat 10-107-06-1B	0.1	10/20/11 13:00	10/20/11	MED-SA
Total Kjeldahl Nitrogen	38.0 mg/L	Lachat 10-107-06-2-D	5.0	10/24/11 9:56	10/24/11	KAL-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11102889-003A Composite
SAMPLED BY: DMS Sample Time: 10/18/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	< 6 mg/L	SM5210B	6	10/19/11 12:00	10/24/11	JP-SA

REMARKS:
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted on the Analytical Report.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA
! RPD outside accepted recovery limits
U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 10/28/2011

LAB ID # 11216 *SA
LAB ID # 11827 *CV

RECEIVED
JAN 10 2012

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

Work Order: 11123835

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11123835
PAGE: 1 of 1
PO#:
PWS ID#

TEST REPORT

Weekly Wastewater

RECEIVED FOR LAB BY: SCP DATE: 12/27/2011 17:00 Page 1 of 1

SAMPLE: **Influent-Composite** Lab ID: 11123835-001A Composite
SAMPLED BY: RH Sample Time: 12/27/2011 12:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	189 mg/L		SM5210B	6	12/29/11 8:00	01/03/12	MED-SA
Total Suspended Solids	294 mg/L	R	SM2540D	5	12/30/11 13:30	01/03/12	KAL-SA

SAMPLE: **Effluent-Composite** Lab ID: 11123835-002A Composite
SAMPLED BY: RH Sample Time: 12/27/2011 12:03

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	15 mg/L		SM5210B	6	12/29/11 8:00	01/03/12	MED-SA
Total Suspended Solids	16 mg/L		SM2540D	5	12/30/11 13:30	01/03/12	KAL-SA

REMARKS:

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λ RPD outside accepted recovery limits

MANAGER Carrie M. Davis DATE: 1/3/2012

LAB ID # 11216 *SA
LAB ID # 11827 *CV

Benchmark Analytics, Inc.
Eastern Division
2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

Work Order: 11123182

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11123182
PAGE: 2 of 2
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 12/20/2011 17:10

Zinc	818 mg/Kg-dry	EPA 6010B	9.35	12/29/11 10:25	12/30/11	GSR-CV

SAMPLE: **Belt Press** Lab ID: 11123182-001C Grab
SAMPLED BY: DMS Sample Time: 12/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
PCB-1016	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1221	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1232	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1242	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1248	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1254	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA
PCB-1260	< 0.70 mg/Kg-dry	EPA 8082	0.70	12/30/11 20:55	12/31/11	CPH-SA

SAMPLE: **Influent-24 Hour Composite** Lab ID: 11123182-002A Composite
SAMPLED BY: DMS Sample Time: 12/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	216 mg/L	SM5210B	6	12/21/11 9:00	12/26/11	KAL-SA
Total Suspended Solids	360 mg/L	SM2540D	5	12/22/11 16:00	12/27/11	JLE-SA

SAMPLE: **Effluent-24 Hour Composite** Lab ID: 11123182-003A Composite
SAMPLED BY: DMS Sample Time: 12/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Carbonaceous BOD	9 mg/L	SM5210B	6	12/21/11 9:00	12/26/11	KAL-SA
Total Suspended Solids	11 mg/L	SM2540D	5	12/22/11 16:00	12/27/11	JLE-SA

REMARKS:

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S Spike Recovery outside accepted recovery limits

J Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 1/4/2012

LAB ID # 11216 *SA
LAB ID # 11827 *CV

RECEIVED
JAN 10 2012
BY:

Benchmark Analytics, Inc.
Eastern Division

2566 Pennsylvania Ave.
Sayre, PA 18840
Phone: (570) 888-0169
Fax: (570) 888-0717

Work Order: 11123182

SEND DATA TO:

NAME: Mr. Royce Hoad
COMPANY: Bath Electric,Gas,& Water WWTP
ADDRESS: East Morris Street
Bath, NY 14810

PHONE: (607) 776-3031
FAX: (607) 776-9092

WO#: 11123182
PAGE: 1 of 2
PO#:
PWS ID#

TEST REPORT

Weekely Wastewater & Belt Press

RECEIVED FOR LAB BY: CMS DATE: 12/20/2011 17:10

SAMPLE: **Belt Press** Lab ID: 11123182-001A Grab
SAMPLED BY: DMS Sample Time: 12/20/2011 8:00

Test	Result		Method	SLOQ	Analysis Start	Analysis End	Analyst *
Percent Moisture	82.2 %		SM2540G		12/27/11 13:10	12/28/11	KJG-SA
Ammonia as N	192 mg/kg-dry	U	Lachat 10-107-06-1B	56.3	12/22/11 8:00	12/22/11	NFM-SA
Nitrate as N	< 28 mg/kg-dry	S	SM4500NO3-F	28	12/27/11 14:00	12/27/11	SG-SA
Nitrite as N	< 14 mg/kg-dry		SM4500NO2 B	14	12/27/11 14:00	12/27/11	SG-SA
Free Liquid	< 0.1 %		EPA 9095	0.1	12/27/11 17:00	12/27/11	IC-SA
pH	7.13@22.2°C		EPA 9045C		12/21/11 14:38	12/21/11	KED-SA
Phosphorus	5430 mg/kg-dry		EPA 365.3	28	12/27/11 8:00	12/28/11	MED-SA
Total Solids	18 % Wght.		SM2540B		12/27/11 13:10	12/28/11	KJG-SA
Total Volatile Solids	62.11 % Wght.		SM 2540G	0.01	12/28/11 14:30	12/29/11	KJG-SA
Total Kjeldahl Nitrogen	21200 mg/kg-dry		Lachat 10-107-06-2-D	5630	12/27/11 13:40	12/27/11	JP-SA

SAMPLE: **Belt Press** Lab ID: 11123182-001B Grab
SAMPLED BY: DMS Sample Time: 12/20/2011 8:00

Test	Result	Method	SLOQ	Analysis Start	Analysis End	Analyst *
Mercury	1.81 mg/Kg-dry	EPA 7471A	0.766	12/30/11 10:30	01/03/12	KW-CV
Arsenic	16.2 mg/Kg-dry	EPA 6010B	4.68	12/29/11 10:25	12/30/11	GSR-CV
Beryllium	< 0.468 mg/Kg-dry	EPA 6010B	0.468	12/29/11 10:25	12/30/11	GSR-CV
Cadmium	1.56 mg/Kg-dry	EPA 6010B	0.468	12/29/11 10:25	12/30/11	GSR-CV
Chromium	34.1 mg/Kg-dry	EPA 6010B	4.68	12/29/11 10:25	12/30/11	GSR-CV
Copper	516 mg/Kg-dry	EPA 6010B	23.4	12/29/11 10:25	12/30/11	GSR-CV
Lead	38.9 mg/Kg-dry	EPA 6010B	4.68	12/29/11 10:25	12/30/11	GSR-CV
Molybdenum	7.83 mg/Kg-dry	EPA 6010B	4.68	12/29/11 10:25	12/30/11	GSR-CV
Nickel	18.7 mg/Kg-dry	EPA 6010B	4.68	12/29/11 10:25	12/30/11	GSR-CV
Potassium	2630 mg/Kg-dry	EPA 6010B	257	12/29/11 10:25	12/30/11	GSR-CV
Selenium	< 18.7 mg/Kg-dry	EPA 6010B	18.7	12/29/11 10:25	12/30/11	GSR-CV

REMARKS:

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S Spike Recovery outside accepted recovery limits

U Ammonia sample not distilled

MANAGER Carrie M. Davis DATE: 1/4/2012

Report Number
11-332-2001

Midwest Laboratories Inc.®
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www.midwestlabs.com

REPORT OF ANALYSIS

Mail to: DICKSON'S ENV SERVICES
MARY
5226 BONNY HILL RD
BATH NY 14810

For: (25723) DICKSON'S ENV SERVICES
(607)776-7997

Date Reported: 11/28/11
Date Received: 11/04/11

SEPTEMBER COMPOST

Lab Number: 1920231 Sample ID: SEPTEMBER COMPOST

Analysis	Level Found	Detection Limit	Analysis	Level Found	Detection Limit
Method: EPA 8260B Units: µg/g Analyst: nmh Date: 11/17/11					
1,2-Dibromo-3-Chloropropane	n.d.	25	1,1-Dichloroethene	n.d.	25
trans-1,4-Dichloro-2-Butene	n.d.	25	Trans 1,2-Dichloroethene	n.d.	25
cis-1,4-Dichloro-2-Butene	n.d.	25	1,2-Dichloropropane	n.d.	25
Acetone	n.d.	500	cis-1,3-dichloropropene	n.d.	25
Acrolein	n.d.	5,000	trans-1,3-Dichloropropene	n.d.	25
Acrylonitrile	n.d.	100	Ethylbenzene	n.d.	25
Benzene	n.d.	25	Ethyl Methacrylate	n.d.	500
Bromodichloromethane	n.d.	25	2-Hexanone	n.d.	250
Bromoform	n.d.	25	Iodomethane	n.d.	25
Bromomethane	n.d.	50	Methylene Chloride	n.d.	25
2-Butanone	n.d.	500	4-Methyl-2-pentanone	n.d.	250
Carbon Disulfide	n.d.	25	Styrene	n.d.	25
Carbon Tetrachloride	n.d.	25	1,1,2,2-Tetrachloroethane	n.d.	25
Chlorobenzene	n.d.	25	Tetrachloroethene	n.d.	25
Chlorodibromomethane	n.d.	25	Toluene	n.d.	25
Chloroethane	n.d.	50	1,1,1-Trichloroethane	n.d.	25
2-Chloroethyl Vinyl Ether	n.d.	50	1,1,2-Trichloroethane	n.d.	25
Chloroform	n.d.	25	Trichloroethene	n.d.	25
Chloromethane	n.d.	50	Trichlorofluoromethane	n.d.	25
Dibromomethane	n.d.	25	1,2,3-Trichloropropane	n.d.	25
Dichlorodifluoromethane	n.d.	25	Vinyl Acetate	n.d.	100
1,1-Dichloroethane	n.d.	25	Vinyl Chloride	n.d.	50
1,2-Dichloroethane	n.d.	25	Total Xylenes	n.d.	25

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REPORT OF ANALYSIS

Account: 25723 DICKSON'S ENV SERVICES
Report Number: 11-332-2001

Analysis	Level Found	Detection Limit	Analysis	Level Found	Detection Limit
Method: EPA 8270C Units: µg/kg Analyst: cjh Date: 11/08/11					
Phenol	n.d.	9,900	2,4-Dinitrophenol	n.d.	24,000
bis(2-Chloroethyl) Ether	n.d.	9,900	4-Nitrophenol	n.d.	24,000
2-Chlorophenol	n.d.	9,900	Dibenzofuran	n.d.	9,900
1,3-Dichlorobenzene	n.d.	9,900	2,4-Dinitrotoluene	n.d.	9,900
1,4-Dichlorobenzene	n.d.	9,900	2,6-Dinitrotoluene	n.d.	9,900
1,2-Dichlorobenzene	n.d.	9,900	Diethyl Phthalate	n.d.	9,900
2-Methylphenol	n.d.	9,900	4-Chlorophenyl Phenyl Ether	n.d.	9,900
bis(2-Chloroisopropyl) Ether	n.d.	9,900	Fluorene	n.d.	9,900
4-Methylphenol	n.d.	9,900	4-Nitroaniline	n.d.	24,000
N-Nitroso-di-n-propylamine	n.d.	9,900	4,6-Dinitro-2-methylphenol	n.d.	24,000
Hexachloroethane	n.d.	9,900	N-Nitrosodiphenylamine	n.d.	9,900
Nitrobenzene	n.d.	9,900	4-Bromophenyl Phenyl Ether	n.d.	9,900
Isophorone	n.d.	9,900	Hexachlorobenzene	n.d.	9,900
2-Nitrophenol	n.d.	24,000	Pentachlorophenol	n.d.	24,000
2,4-Dimethylphenol	n.d.	9,900	Phenanthrene	n.d.	9,900
bis(2-Chloroethoxy) Methane	n.d.	9,900	Carbazole	n.d.	9,900
2,4-Dichlorophenol	n.d.	9,900	Anthracene	n.d.	9,900
1,2,4-Trichlorobenzene	n.d.	9,900	Di-n-butyl Phthalate	n.d.	9,900
Naphthalene	n.d.	9,900	Fluoranthene	n.d.	9,900
4-Chloroaniline	n.d.	9,900	Pyrene	n.d.	9,900
Hexachlorobutadiene	n.d.	9,900	Butyl Benzyl Phthalate	n.d.	9,900
4-Chloro-3-methylphenol	n.d.	9,900	3,3'-Dichlorobenzidine	n.d.	9,900
2-Methylnaphthalene	n.d.	9,900	Benzo (a) Anthracene	n.d.	9,900
Hexachlorocyclopentadiene	n.d.	9,900	Bis(2-ethylhexyl) Phthalate	n.d.	9,900
2,4,6-Trichlorophenol	n.d.	9,900	Chrysene	n.d.	9,900
2,4,5-Trichlorophenol	n.d.	24,000	Di-n-octyl Phthalate	n.d.	9,900
2-Chloronaphthalene	n.d.	9,900	Benzo (b) Fluoranthene	n.d.	9,900
2-Nitroaniline	n.d.	24,000	Benzo (k) Fluoranthene	n.d.	9,900
Dimethyl Phthalate	n.d.	9,900	Benzo (a) pyrene	n.d.	9,900
Acenaphthylene	n.d.	9,900	Indeno(1,2,3-cd) Pyrene	n.d.	9,900
3-Nitroaniline	n.d.	24,000	Dibenz (a,h) Athracene	n.d.	9,900

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REPORT OF ANALYSIS

Account: 25723 DICKSON'S ENV SERVICES
Report Number: 11-332-2001

Analysis	Level Found	Detection Limit	Analysis	Level Found	Detection Limit
Acenaphthene	n.d.	9,900	Benzo(g,h,i) Perylene	n.d.	9,900
Method: EPA 8081/8082 Units: µg/Kg Analyst: out Date: 11/22/11					
4,4'-DDE	ND	3.3	Endosulfan II	ND	3.3
4,4'-DDD	ND	3.3	Endosulfan sulfate	ND	3.3
4,4'-DDT	ND	3.3	Endrin	ND	3.3
4,4'-Methoxychlor	ND	16	Endrin aldehyde	ND	3.3
Aldrin	ND	1.7	Endrin ketone	ND	3.3
Aroclor 1016	ND	33	Heptachlor	ND	1.7
Aroclor 1221	ND	33	Heptachlor epoxide	ND	1.7
Aroclor 1232	ND	33	Toxaphene	ND	66
Aroclor 1242	ND	33	alpha-Chlordane	ND	1.7
Aroclor 1248	ND	33	alpha-BHC	ND	1.7
Aroclor 1254	ND	33	beta-BHC	ND	1.7
Aroclor 1260	ND	33	delta-BHC	ND	1.7
Dieldrin	ND	3.3	gamma-BHC (Lindane)	ND	1.7
Endosulfan I	ND	1.7	gamma-Chlordane	ND	1.7

Notes:
n.d. - Not Detected.
add'l report (DFT).

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Report Number
11-332-2001

REPORT OF ANALYSIS

For: (25723) DICKSON'S ENV SERVICES
(607)776-7997

Date Reported: 11/28/11
Date Received: 11/04/11

Mail to: **DICKSON'S ENV SERVICES**
MARY
5226 BONNY HILL RD
BATH NY 14810

SEPTEMBER COMPOST

Lab number: 1920231 Sample ID: SEPTEMBER COMPOST

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date

Notes:
add'l report (DUAL)
EPA 8081/8082 were performed by a subcontracted laboratory.

NOTE: Shipping charges are for overnight UPS delivery per method requirements.

Respectfully Submitted

John S. McManis

John McManis
Client Service Representative
jmcmanis@midwestlabs.com (402)829-9887

Report Number: 11-317-2008
Account: 25723
Page: 1 of 1

Midwest Laboratories, Inc.

13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

Date Repor 11/14/11
Date Receiv 11/04/11

DICKSON'S ENV SERVICES
MARY
5226 BONNY HILL RD
BATH NY 14810

SEPTEMBER COMPOST

Lab number: 1920230 Sample ID: SEPTEMBER COMPOST

Analysis Performed	As Received	Dry Weight Basis	Units	Detection Limit	Method	Analyst Date	Ver Da
E. coli (MPN)	n.d.	n.d.	mpn/g	0.3	FDA/BAM 8TH	arj/11-09	arj/11-
Fecal coliform (dry weight)		n.d.	mpn/g	2	EPA 1681	sjb/11-11	arj/11-
Total Kjeldahl nitrogen (TKN)	7042	17,431	mg/kg	12.5	PAI - DK 01	lkd/11-09	cmw/1
Phosphorus (total)	6633	16,418	mg/kg	10	EPA 6010	cjm/11-11	bab/11-
Potassium (total)	1851	4582	mg/kg	10	EPA 6010	cjm/11-11	bab/11-
Sulfur (total)	2007	4968	mg/kg	25	EPA 6010	cjm/11-11	bab/11-
Calcium (total)	11,365	28,131	mg/kg	1	EPA 6010	cjm/11-11	bab/11-
Magnesium (total)	1475	3651	mg/kg	1	EPA 6010	cjm/11-11	bab/11-
Sodium (total)	494	1223	mg/kg	1	EPA 6010	cjm/11-11	bab/11-
Iron (total)	9446	23,381	mg/kg	5	EPA 6010	cjm/11-11	bab/11-
Manganese (total)	176	436	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Zinc (total)	220	544	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Ammoniacal Nitrogen	521	1290	mg/kg	2.5	SM 4500-NH3	lkd/11-09	cmw/11-
Nitrate/Nitrite Nitrogen	38	93	mg/kg	0.2	EPA 353.2	jjd/11-08	cmw/11-
Arsenic (total)	2.31	5.73	mg/kg	0.5	EPA 6020	akj/11-11	bab/11-1
Barium (total)	265	655	mg/kg	0.5	EPA 6010	cjm/11-11	bab/11-1
Cadmium (total)	0.92	2.29	mg/kg	0.5	EPA 6010	cjm/11-11	bab/11-1
Chromium (total)	26.8	66.3	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Copper (total)	268	663	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Lead (total)	13.9	34.4	mg/kg	5	EPA 6010	cjm/11-11	bab/11-1
Mercury (total)	0.43	1.07	mg/kg	0.05	EPA 7471	cjm/11-11	bab/11-1
Molybdenum (total)	3.87	9.6	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Nickel (total)	8.4	20.8	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Selenium (total)	1.58	3.90	mg/kg	0.5	EPA 6020	akj/11-11	bab/11-1
Silver (total)	2.9	7.2	mg/kg	1	EPA 6010	cjm/11-11	bab/11-1
Percent solids	40.40		%	0.01	SM 2540 G	jsa/11-08	cmw/11-1
Percent volatile solids		47.64	%	0.01	SM 2540 G	jsa/11-08	cmw/11-1
pH	6.6		S.U.		EPA 9045	jdb/11-04	cmw/11-1
Organic nitrogen	6521	16,141	mg/Kg		CALC	cmw/11-04	aut/11-04
Calculated Phosphate P2O5	15,190	37,598	mg/Kg		CALC	cmw/11-04	aut/11-04
Calculated Potash K2O	2229	5516	mg/Kg		CALC	cmw/11-04	aut/11-04

For questions contact

John S. McManis

John McManis
Client Service Representative
jmcmanis@midwestlabs.com (402)829-9887

No result(s) issued on this report only reflect the analysis of the sample(s) submitted. For applicable test parameters, Midwest Laboratories is in compliance with NELAC requirements.