Section Three

Quarterly testing of National Emissions Standards for Hazardous Air Pollutants (NESHAP) Report
Mercury and Beryllium
July 1, 2009 to September 30, 2009
40 CFR Part 61, Subpart C & E

Data Submitted:

- ***NESHAP's analytical results for Mercury and Beryllium.***

CHEMTEX
Environmental & Industrial Hygiene Services

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Client: ***Veolia Water-New Orleans***
6501 Florida Ave.
New Orleans, LA 70117

Attn: ***Mr. Kevin Servat*** Kevin.servat@veoliawaterna.com
Phone: 1-504-277-5400; Fax: 1-504-277-5454

Report Date: 09/21/09
Sample Matrix: Solid Waste
Date Collected: 09/09-10/09
Time Collected: 07:00-07:00
Collected By: Kevin Servat
Date Received: 09/11/09
Time Received: 10:35am
CHEMTEX FILE #: P9090294

RESULTS OF ANALYSIS

SITE/LOCATION: N.O.E.B WWTP

CHEMTEX #	Sample Identification	Parameter	Units	Results	RL
P9090294	Sludge Cake	Total Beryllium	mg/kg or ppm	0.345	2.5
		Beryllium Emmissoin Rate	grams/day	7.20	--
		Total Mercury	mg/kg or ppm	1.456	0.20
		Mercury Emmissoin Rate	grams/day	30.38	--
Method Blank	Ottawa Sand	Total Beryllium	mg/kg or ppm	< 2.5	2.5
		Total Mercury	mg/kg or ppm	< 0.20	0.20

RL= Reporting Limit.

Analysis performed at CHEMTEX, Sulphur, LA and report generated at CHEMTEX, Port Arthur, TX.

LABORATORY QUALITY ASSURANCE/QUALITY CONTROL DATA

LABORATORY CONTROL SAMPLES (LCS) RECOVERY

Parameter	Units	True Value	Obtained Value	Recovery (%)	Limits (%)
Total Beryllium	mg/kg	25.000	27.17	109	80-120
Total Mercury	mg/kg	0.500	0.510	102	80-120

METHOD REFERENCES/ANALYSIS DATES & ANALYSTS

Parameter	Method Reference	Date Analyzed/Analyst
Total Beryllium	EPA Method 6010B	09/17/09 KS/HKR
Total Mercury	EPA Method 7471A	09/14/09 KS/HKR

Dr. C. N. Reddy, Ph.D., CIH, ASP
Director

kml*/amd/CNR

NOTICE/DISCLAIMER: The analytical results, opinions or interpretations contained in this report are based upon information and material supplied by the client for whose exclusive and confidential use this report has been made. No person or entity other than the client may rely on this report. Any such reliance will be unjustified. Any person, other than the client, that reads this report does so at his or her own risk. The analytical results, opinions and/or interpretations expressed herein represent the best judgment of Chemtex, based on the information and instructions received from the client. Chemtex makes no warranty or representation, express or implied, of any type, and expressly disclaims same. This report shall not be reproduced, in whole or in part, without the written approval of Chemtex. In no event shall Chemtex be responsible for any damage greater than the amount that it received for the analysis performed.

NESHAP Mercury & Beryllium Testing 2009

Sewerage and Water Board of New Orleans
East Bank WWTP (NPDES Permit LA0038091)

		Time			Charging Rates			
	Date	Begin	End		Initial	Final	Gallons	GPM
Shift #1	9/9/2009	0700	1900		4219987	4230538	10,551	15
Shift #2	9/9-10/2009	1900	0700		4230538	4243065	12,527	17
						Total	23,078	16
						Average	11,539	

K. Servat
Kevin Servat
Project Manager

10/5/09
Date

CHEMTEX

Environmental & Industrial Hygiene Services
3082 25th Street, Port Arthur, TX 77642
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CHAIN OF CUSTODY RECORD
ENVIRONMENTAL
ANALYTICAL SERVICES REQUEST

CLIENT: Veolia Water - New Orleans **ATTN:** Kevin Servat	**ADDRESS:** 6501 Florida Ave N.O. LA 70117	**Phone:** 504-277-5400 **Fax:** 504-277-5454 **Email**
BILLING CONTACT/ADDRESS: **(If different from above)**	**P. O. #:** / **PROJECT NO:** / **PROJECT:**	**SITE/LOCATION:** N.O. EB WWTP
SAMPLE(S) COLLECTED BY (PRINT NAME): Marrans Berry / Kevin Servat	**Expected Turnaround Time** 2-4 hr Rush____ 24 hr Rush____ 48 hr Rush____ 7-14days X	**REQUESTED ANALYSES**

Sample Matrix Codes: Drinking Water: **DW**; Groundwater: **GW**; Liquid Waste: **LW**; Oil(s): **O**; Paint Chips: **PC**; Sand: **Sn**; Sludge: **Sl**; Soil/Solid: **S**; Solid Waste: **SW**; Trip Blank: **TB**; Water: **W**; Wipes: **WP**; Wastewater: **WW**

CHEMTEX #	SAMPLE IDENTIFICATION	COLLECTION Date	COLLECTION Time	Sample Matrix	Composite/ Grab	Chemical Preservative	Sample Containers No.	Sample Containers Size (oz.)	Sample Containers Type (Glass/ Plastic)	Hg NESHAP Be							
P909294	Sludge Cake	9/9-10/09	0700-0700 ~~0900-0900~~	SW	Composite	none	1	1	P	X							

Remarks: Samples must be preserved on ice after sample collection and transported in ice chest. ☒ **Regulatory** ☐ **Non-Regulatory**

Relinquished By: Marrans Berry	Date/Time: 9/10/09 1106	Received By: K. Servat	Date/Time: 9/10/09 1315 FEDEX
Relinquished By:	Date/Time:	Received By: Serna. P	Date/Time: 9-11-09 10:35AM

Facilities also available at: 5544 Leopard St., Corpus Christi, TX 78408; (361)299-9900 chemtexcc@sbcglobal.net and 138 S. Cities Service Hwy., Sulphur, LA 70663 (337) 626-2121 chemtexlc@sbcglobal.net

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