Section Three

Quarterly testing of National Emissions Standards for Hazardous Air Pollutants (NESHAP) Report
Mercury and Beryllium
January 1, 2012 to March 31, 2012
40 CFR Part 61, Subpart C & E

Data Submitted:

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

CHEMTEX
Environmental & Industrial Hygiene Services

3082 25th Street, Port Arthur, Texas 77642 • (409) 983-4575 FAX (409) 982-1522
5544 Leopard Street, Corpus Christi, Texas 78408 • (361) 299-9900 FAX (361) 299-1155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 • (337) 626-2121 FAX (337) 626-2126

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

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

Reporting Date: 03/30/12
Sample Matrix: Sludge
Date Collected: 03/24-25/12
Time Collected: 08:00-08:00
Collected by: K. Servant
Date Received: 03/27/12
Time Received: 8:25am
CHEMTEX File #: P12030426

RESULTS OF ANALYSIS

SITE/LOCATION: East Bank WWTP

CHEMTEX ID	Sample ID	Parameter	Units	Results	MDL	Qual
P12020426	Sludge Cake	Total Beryllium on dry weight basis	mg/kg	0.51	0.03	
		Beryllium Emission Rate on dry weight basis	g/day	4.610	---	

MDL: Method Detection Limit.
Analysis was performed at CHEMTEX, Sulphur, LA a NELAP accredited laboratory.
Report is generated at CHEMTEX, Port Arthur, TX.

Qualifier Definition:

LABORATORY QUALITY CONTROL DATA

Method References/Analysis Dates & Analysts

Parameter	Method Reference	Date Analyzed/Analyzed By
Total Beryllium	SW-846 6010B	03/27/12 ESR

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

Reporting Date: 03/30/12
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LABORATORY QUALITY CONTROL DATA

Method Blank (mg/kg)

QC Batch ID	MB ID	Parameter	CAS #	Result	MDL	Qual
QbMC032712	MB-S-032712	Beryllium	7440-41-7	<0.03	0.03	

Duplicate (mg/kg)

QC Batch ID	Dup ID	Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit	Qual
QbMC032712	P12030426Dup	Beryllium	0.14	0.13	5	20	

LCS and LCSD (mg/kg)

QC Batch ID	LCS ID	Parameter	Spk Added	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	RPD	RPD Limit	% Rec Limit	Qual
QbMC032712	LCS-S-032712	Beryllium	100.0	109	109	---	---	---	---	80-120	

MS and MSD (mg/kg)

QC Batch ID	MS ID	Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Result	MSD % Rec	RPD	RPD Limit	% Rec Limit	Qual
QbMC032712	P12030426MS	Beryllium	0.14	194	194	100	--	--	--	--	70-130	

Qualifier Definition:

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CHEMTEX File #: P12030426

RESULTS OF ANALYSIS
SITE/LOCATION: East Bank WWTP

CHEMTEX ID	Sample ID	Parameter	Units	Results	MDL	Qual
P12030426	Sludge Cake	Total Mercury on dry weight basis	mg/kg	0.09	0.007	
		Mercury Emission Rate on dry weight basis	g/day	0.823	---	

MDL: Method Detection Limit.
Analysis was performed at CHEMTEX, Sulphur, LA a NELAP accredited laboratory.
Report is generated at CHEMTEX, Port Arthur, TX.

Qualifier Definition:

LABORATORY QUALITY CONTROL DATA
Method References/Analysis Dates & Analysts

Parameter	Method Reference	Date Analyzed/Analyzed By
Total Mercury	SW-846 7471A	03/30/12 YHB

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

Reporting Date: 03/30/12
CHEMTEX File #: P12030426

LABORATORY QUALITY CONTROL DATA

Method Blank (mg/kg)

QC Batch ID	MB ID	Parameter	CAS #	Result	MDL	Qual
QbHgS033012	MB-S-033012	Mercury	7439-97-6	<0.007	0.007	

Duplicate (mg/kg)

QC Batch ID	Dup ID	Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit	Qual
QbHgS033012	P12030426Dup	Mercury	0.025	0.032	22	20	R7

LCS and LCSD (mg/kg)

QC Batch ID	LCS ID	Parameter	Spk Added	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	RPD	RPD Limit	% Rec Limit	Qual
QbHgS033012	LCS-S-033012	Mercury	0.500	0.484	97	---	---	---	---	85-115	

MS and MSD (mg/kg)

QC Batch ID	MS ID	Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Result	MSD % Rec	RPD	RPD Limit	% Rec Limit	Qual
QbHgS033012	P12030426	Mercury	0.025	0.200	0.219	97	--	--	--	--	70-130	

Qualifier Definition:

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

cdb/CNR

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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: Kevin.Servat@veoliawaterna.com

BILLING CONTACT/ADDRESS: (If different from above) same

P. O. #:

PROJECT NO:

PROJECT:

SITE/LOCATION: N.O. East Bank WWTP

SAMPLE(S) COLLECTED BY (PRINT NAME): K. Servat

Expected Turnaround Time: 2-4 hr Rush____ 24 hr Rush____ 48 hr Rush X 7-14days____

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)	NESHAP Hg	NESHAP Be						
P120304 26	N.O. EB Sludge Cake	3-24-25-12	0800/0800	Sl	24-hr Composite	none	4	250ml	P	X	X						

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
K. Servat	3-26-12 3:30pm	FEDEX	3-26-12
FEDEX	3-27-12	Sydia	3/27/12 8:25am

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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