



October 25, 2013

NPDES Compliance Coordinator
Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701-5249

Subject: NPDES Permit NV0023060 – Discharge Monitoring Reports – 3rd Quarter 2013

Dear NPDES Compliance Coordinator:

The Nevada Environmental Response Trust (NERT or the Trust) maintains NPDES Permit NV0023060 for discharge of treated water, as part of their on-going effort to capture and treat groundwater containing perchlorate in the Henderson area. The attached Discharge Monitoring Reports (DMRs) reflect information associated with the remediation efforts, i.e. surface discharge of treated water near the Las Vegas Wash. Included with this correspondence are the July, August and September 2013 DMRs in Attachment 1. Analytical summaries are included in Attachment 2, with the supporting analytical reports supplied in electronic format on a CD included in Attachment 3.

During the reporting period, the groundwater extraction and treatment system (GWETS) demonstrated compliance with the 30-day average perchlorate concentration limitation of 18 micrograms per liter ($\mu\text{g/L}$) in the months of August and September 2013. During the month of July 2013, upsets at the GWETS occurred that resulted in the 30-day average perchlorate effluent concentration to be 18.5 $\mu\text{g/L}$, slightly above the 18 $\mu\text{g/L}$ effluent limitation. In addition, upsets during the month of August and first week of September resulted in effluent carbonaceous biochemical oxygen demand (CBOD) concentrations that exceeded the 30-day average concentration, daily maximum concentration, and 30-day average mass loading permit limitations. Further discussion of these upsets is provided in the bullets below. Note that analyses of "Attachment A" analytes, for the treated discharge, continue to indicate that there is no significant increase in "other constituents" due to the treatment for perchlorate reduction.

Listed separately are analytical results for four Las Vegas Wash locations, one of which is required for evaluation of the permit's authorized mixing zone (please see the information related to the LVW 5.5 control point), as well as the upgradient on-site groundwater well. Please note the wash location LVW 5.5 was within Table I.A.2 limits for total dissolved solids (TDS) and total inorganic nitrogen (TIN). Analytical summaries are included in Attachment 2 for your convenience in reviewing the information, with supporting analytical reports provided in electronic format on a CD included in Attachment 3.

During the reporting period, there was no activity regarding permit condition I.A.3.d.ii.

As required by permit condition I.A.20, a report describing the biological process generated solid waste is included as Attachment 4.

ENVIRON notes that a transition in GWETS operators from Veolia Water North America (Veolia) to Envirogen Technologies, Inc. (Envirogen) occurred on July 24, 2013.

A number of incidents associated with treatment plant operations occurred during 3rd quarter, as described below:

- Per Table I.A.1. of the NPDES permit, effluent daily discrete samples composited weekly are collected and analyzed for perchlorate at a Nevada-certified laboratory. The perchlorate results for each of the weekly composite samples in the month are averaged to obtain the 30-day average concentration. For the month of July 2013, five weeks were used to calculate the 30-day average for the monthly DMR. During the first and last weeks of July 2013, upsets at the GWETS occurred that resulted in effluent weekly composite samples containing perchlorate concentrations that were elevated above typical concentrations achieved at the GWETS. These upset conditions resulted in a 30-day average perchlorate effluent concentration for July 2013 of 18.5 µg/L, slightly above the 18 µg/L effluent limitation per the NPDES permit. The corresponding 30-day average perchlorate loading to Las Vegas Wash for July 2013 was 0.12 pounds per day (lbs/day), which is well below the 0.22 lbs/day effluent limitation per the NPDES permit. A detailed letter describing the July 2013 GWETS upsets and effluent perchlorate results was submitted to Mr. Joe Maez of the Bureau of Water Pollution Control (BWPC) on August 29, 2013. Additional effluent composite and daily grab perchlorate samples were collected in the process of evaluating upset conditions. Per Section I.B.2.iv., the results of the additional perchlorate monitoring are reported in a table within Attachment 2.
- Per Table I.A.1 of the NPDES permit, effluent weekly grab samples are collected and analyzed for CBOD at a Nevada-certified laboratory. The CBOD results for each of the weekly samples in the month are averaged to get the 30-day average concentration. The CBOD effluent limitations consist of a 30-day average concentration of 25 milligrams per liter (mg/L), a daily maximum concentration of 40 mg/L, and a 30-day average mass loading of 254 lbs/day. During the month of August 2013, upsets at the GWETS occurred that resulted in effluent CBOD concentrations that exceeded the 30-day average concentration, daily maximum concentration, and 30-day average mass loading permit limitations. In addition, the CBOD sample from the first week of September exceeded the daily maximum limit. A letter describing the August 2013 CBOD results was submitted to Mr. Maez of the BWPC on September 10, 2013. A follow-up letter describing the CBOD result from the first week of September was submitted to Mr. Maez on September 20, 2013.
- The analytical service provider, TestAmerica Laboratories, Inc. (TestAmerica) mistakenly analyzed the July 11, 2013 effluent grab sample for biochemical oxygen demand (BOD) instead of CBOD. Because CBOD is a component of total BOD, the CBOD concentration would be equal to or less than the BOD concentration. The BOD concentration for this sampling event was 4.6 mg/L, below the effluent permit limitation.

Should you have any questions concerning this report, please contact Kimberly Kuwabara at (510) 420-2525 or kkuwabara@environcorp.com. Thank you.

Sincerely,



Kimberly Kuwabara, MS
Senior Manager
CEM 2353, exp. 3/20/15

Overnight Mail
Attachments

Attachment 1: Discharge Monitoring Reports (DMRs)
Attachment 2: Summary of Supporting Analytical
Attachment 3: Supporting Analytical Reports (on CD)
Attachment 4: FBR Solids Report

cc: Greg Lovato, Bureau of Corrective Actions, NDEP
James Dotchin, Bureau of Corrective Actions, NDEP
Weiquan Dong, Bureau of Corrective Actions, NDEP
Nevada Environmental Response Trust
Tanya O'Neill, Foley and Lardner LLP
Todd Webster, Envirogen Technologies, Inc.
Michael Delvecchio, Envirogen Technologies, Inc.
Allan J. DeLorme, ENVIRON International Corporation
John Pekala, ENVIRON International Corporation

NPDES Permit NV0023060 – 3rd Q 2013 DMR
CEM Certification

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.



Kimberly Kuwabara
CEM 2353, expires 3-20-15

ATTACHMENT 1

Discharge Monitoring Reports (DMRs)



July 2013 DMR.xlsx

July 2013



August 2013
DMR.xlsx

August 2013



September 2013
DMR.xlsx

September 2013

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015

DISCHARGE MONITORING REPORT (DMR)
 NV0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

NO DISCHARGE

NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM 13 07 01 TO 13 07 31
 YEAR MO DAY YEAR MO DAY

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Flow	1.10	1.47	MGD	*****	*****	*****	0	Cont	Flow Meter
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****	*****	0		
BOD5 (Inhibited)	*****	*****	****	0.4	0.7	3.34	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		
BOD5 (Inhibited)	*****	*****	****	3.7	5.8	34.5	0	Weekly	Discrete
Effluent	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day	0		
Perchlorate	*****	*****	****	116	130	1,069	0	Weekly	Comp
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		
Perchlorate	*****	*****	****	18.5	74	0.12	1*	Weekly	Comp
Effluent	*****	*****	****	18 ug/l	Monitor & Report	0.22 lbs/day	0		
pH	*****	*****	****	6.9	*****	*****	0	Weekly	Discrete
Effluent	*****	*****	****	6.5 Minimum	9.0 Maximum	*****	0		
Hexavalent Chromium	*****	*****	****	0.038	0.076	0.344	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	Kimberly Kuwabara			SIGNATURE OF PRINCIPAL EXECUTIVE			DATE		
CEM 2353, exp. 3-20-15	TYPED OR PRINTED			OFFICER OR AUTHORIZED AGENT			TELEPHONE		
				510	420-2525	510	2013	October	25
				AREA CODE	NUMBER	NUMBER	YEAR	MONTH	DAY

CERTIFY UNDER PENALTY OF LAW THAT THE DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

* See letter dated August 29, 2013 to Mr. Joe Maez.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NV0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 13 07 01 TO 13 07 31
 YEAR MO DAY YEAR MO DAY

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Hexavalent Chromium	SAMPLE MEASUREMENT	*****	0.000	0.001	0.002	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.01 mg/l	Monitor & Report				
Effluent	SAMPLE MEASUREMENT	*****	0.054	0.150	0.480	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Chromium	SAMPLE MEASUREMENT	*****	0.016	0.045	0.153	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.1 mg/l	Monitor & Report				
Effluent	SAMPLE MEASUREMENT	*****	21	41	194	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	135 mg/l	Monitor & Report	1,634 lbs/day				
Total Suspended Solids	SAMPLE MEASUREMENT	*****	2.5	4.9	21.9	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	10 mg/l	Monitor & Report	121.03 lbs/day				
Effluent	SAMPLE MEASUREMENT	*****	0.59	*****	4.83	MG/L	0	Quarterly	Discrete
	PERMIT REQUIREMENT	*****	5 mg/l	NA	60.52 lbs/day				
Manganese	SAMPLE MEASUREMENT	*****	0.039	0.067	0.32	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Phosphorus, as P	SAMPLE MEASUREMENT	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	*****	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE					
Kimberly Kuwabara									
CEM 2353, exp. 3-20-15		510		420-2525		2013		October 25	
TYPED OR PRINTED		AREA CODE		NUMBER		YEAR		MONTH DAY	
		510		420-2525		2013		October 25	
COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)		SIGNATURE OF PRICIPAL EXECUTIVE		OFFICER OR AUTHORIZED AGENT					
		Kimberly Kuwabara							

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
Address: c/o Envirogen Technologies
510 Fourth Street
Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
Location: Henderson, NV
Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
NV0023060
PERMIT NUMBER 001

MONITORING PERIOD
FROM 13 07 01 TO 13 07 31

NO DISCHARGE
NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS						
Total Phosphorus, as P	*****	*****	0.14	0.29	1.3	MG/L	0	Weekly	Discrete			
Effluent	*****	*****	Monitor & Report	Monitor & Report	20 lbs/day							
Total Ammonia, as N	*****	*****	0.31	0.51	3.0	MG/L	0	Weekly	Discrete			
Effluent	*****	*****	Monitor & Report	Monitor & Report	40 lbs/day							
Attachment A	*****	*****	Please see attached results					0	Quarterly	Discrete		
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report							
Color	*****	*****	12.2	15	*****	ACU	0	Weekly	Discrete			
Influent	*****	*****	Monitor & Report	Monitor & Report	*****							
Color	*****	*****	12.1	23	*****	ACU	0	Weekly	Discrete			
Effluent	*****	*****	Monitor & Report	Monitor & Report	*****							
Total Inorganic Nitrogen, as N	*****	*****	11.6	14.0	106.4	MG/L	0	Weekly	Discrete			
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report							
Total Inorganic Nitrogen, as N	*****	*****	0.30	0.51	2.70	MG/L	0	Weekly	Discrete			
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report							
<p>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara</p> <p>CEM 2353, exp. 3-20-15 TYPED OR PRINTED</p> <p>COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)</p>												
<p>CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER THE DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON ANY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>						<p>TELEPHONE</p>		<p>DATE</p>				
<p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER <i>Kimberly Kuwabara</i></p> <p>OFFICER OR AUTHORIZED AGENT</p>						<p>510 AREA CODE</p>		<p>420-2525 NUMBER</p>		<p>2013 YEAR</p>	<p>October MONTH</p>	<p>25 DAY</p>

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER

MONITORING PERIOD
 FROM YEAR 13 MO 07 DAY 01 TO YEAR 13 MO 07 DAY 31

NO DISCHARGE []
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Sulfate	*****	*****	****	1,400	*****	12,883	0	Monthly	Discrete
Influent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Sulfate	*****	*****	****	1,300	*****	11,962	0	Monthly	Discrete
Effluent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	****	5,800	*****	61,801	0	Quarterly	Discrete
Influent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	****	5,500	*****	58,604	0	Quarterly	Discrete
Effluent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Sulfide	*****	*****	****	0.01	*****	0.09	0	Monthly	Discrete
Influent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Sulfide	*****	*****	****	0.07	*****	0.68	0	Monthly	Discrete
Effluent	*****	*****	****	Monitor & Report	*****	Monitor & Report			
Oil & Grease	*****	*****	****	0.65	*****	6.9	0	Quarterly	Discrete
Influent	*****	*****	****	Monitor & Report	*****	Monitor & Report			

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kimberly Kuwabara
 CEM 2353, exp. 3-20-15
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER

 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 AREA CODE 510 NUMBER 420-2525

DATE
 YEAR 2013 MONTH October DAY 25

COMMENT AND EXPANION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015

DISCHARGE MONITORING REPORT (DMIR)
 NV0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

NO DISCHARGE
 NOTE: Read instructions before completing this form

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

MONITORING PERIOD
 FROM 13 07 01 TO 13 07 31
 YEAR MO DAY YEAR MO DAY

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day)			
Oil & Grease	*****	*****	*****	2.3	24.5	0	Quarterly	Discrete
Effluent	*****	*****	*****	Monitor & Report	Monitor & Report			
Boron	*****	*****	*****	2.8	29.8	0	Quarterly	Discrete
Effluent	*****	*****	*****	Monitor & Report	Monitor & Report			
Dissolved Oxygen	*****	*****	*****	3.7	32.5	0	Weekly	Discrete
Effluent	*****	*****	*****	Monitor & Report	Monitor & Report			
Nitrate as N	*****	*****	*****	0.68	6.7	0	Weekly	Discrete
Effluent	*****	*****	*****	Monitor & Report	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	*****	0.26	1.6	0	Weekly	Discrete
Influent	*****	*****	*****	Monitor & Report	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	*****	1.9	17.8	0	Weekly	Discrete
Effluent	*****	*****	*****	Monitor & Report	Monitor & Report			
Chloride	*****	*****	*****	1,600	17,049	0	Quarterly	Discrete
Influent	*****	*****	*****	Monitor & Report	Monitor & Report			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara CEM 2353, exp. 3-20-15 TYPED OR PRINTED								
COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)								

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Kimberly Kuwabara
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 AREA NUMBER 510 420-2525
 CODE NUMBER
 DATE
 YEAR 2013
 MONTH October
 DAY 25

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 13 07 01 TO 13 07 31
 YEAR MO DAY YEAR MO DAY

NO DISCHARGE []
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PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Chloride	*****	*****	*****	*****	18,114	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Effluent	*****	*****	*****	*****	240	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Chlorate	*****	*****	*****	*****	368	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Influent	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Chlorate	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Effluent	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Chlorate	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Effluent	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Chlorate	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Effluent	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Chlorate	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
Effluent	*****	*****	*****	*****	40	0	Monthly	Discrete
	*****	*****	*****	*****	Monitor & Report			
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE		TELEPHONE		DATE		
Kimberly Kuwabara		<i>Kimberly Kuwabara</i>		420-2525		October 25		
CEM 2353, exp. 3-20-15		OFFICER OR AUTHORIZED AGENT		510 AREA NUMBER		2013 YEAR		
TYPED OR PRINTED				NUMBER		MONTH DAY		

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
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Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)

NV0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	TO
13	08	01	13
	08	31	

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS				
Flow	1.37	1.51	*****	*****	*****	MGD	0	Cont	Flow Meter	
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****	*****				
BOD5 (Inhibited)	*****	*****	0.5	1.0	5.18	*****	0	Weekly	Discrete	
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report	*****				
BOD5 (Inhibited)	*****	*****	60	140	651	*****	3**	Weekly	Discrete	
Effluent	*****	*****	25 mg/L	40 mg/L	254 lbs/day	*****				
Perchlorate	*****	*****	123	130	1,442	*****	0	Weekly	Comp	
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report	*****				
Perchlorate	*****	*****	2.4	2.4	0.03	*****	0	Weekly	Comp	
Effluent	*****	*****	18 ug/l	Monitor & Report	0.22 lbs/day	*****				
pH	*****	*****	7.4	*****	*****	*****	0	Weekly	Discrete	
Effluent	*****	*****	6.5 Minimum	9.0 Maximum	*****	*****				
Hexavalent Chromium	*****	*****	0.020	0.063	0.241	*****	0	Weekly	Discrete	
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	KIMBERLY KUWABARA		SIGNATURE OF PRINCIPAL EXECUTIVE				TELEPHONE	DATE		
CEM 2353, exp. 3-20-15	TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT				AREA CODE	YEAR	MONTH	DAY
COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)			510				420-2525	2013	October	25
** See letter dated September 10, 2013 to Mr. Joe Maez.			NUMBER				NUMBER	YEAR	MONTH	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NV0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM: YEAR 13 MO 08 DAY 01 TO YEAR 13 MO 08 DAY 31

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)			
Hexavalent Chromium	SAMPLE MEASUREMENT	*****	0.001	0.001	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.01 mg/l	Monitor & Report		
Effluent	SAMPLE MEASUREMENT	*****	0.035	0.064	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.014	Monitor & Report		
Total Chromium	SAMPLE MEASUREMENT	*****	0.11	0.14	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.1 mg/l	Monitor & Report		
Total Suspended Solids	SAMPLE MEASUREMENT	*****	9	14	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	135 mg/l	Monitor & Report	102		
Effluent	SAMPLE MEASUREMENT	*****	0.1	0.3	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	10 mg/l	Monitor & Report	1,634 lbs/day		
Iron, Total	SAMPLE MEASUREMENT	*****	*	*	0	Quarterly	Discrete
	PERMIT REQUIREMENT	*****	5 mg/l	NA	60.52 lbs/day		
Manganese	SAMPLE MEASUREMENT	*****	0.045	0.072	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	Monitor & Report	Monitor & Report		
Total Phosphorus, as P	SAMPLE MEASUREMENT	*****	*****	*****			
	PERMIT REQUIREMENT	*****	*****	*****			

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Kimberly Kuwabara
 SIGNATURE OF PRICIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 NUMBER 420-2525
 AREA CODE 510
 YEAR 2013
 MONTH October
 DAY 25

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER 001
 DISCHARGE NUMBER

NO DISCHARGE []
 NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM YEAR 13 MO 08 DAY 01 TO YEAR 13 MO 08 DAY 31

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Total Phosphorus, as P	*****	*****	****	0.30	0.40	3.6	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	20 lbs/day			
Total Ammonia, as N	*****	*****	****	0.05	0.05	0.6	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	40 lbs/day			
Attachment A	*****	*****	****	Please see attached results			0	Quarterly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			
Color	*****	*****	****	15.8	20	*****	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	*****			
Color	*****	*****	****	12.8	15	*****	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	*****			
Total Inorganic Nitrogen, as N	*****	*****	****	10.1	11.0	119.5	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			
Total Inorganic Nitrogen, as N	*****	*****	****	0.25	0.25	2.94	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kimberly Kuwabara
 CEM 2353, exp. 3-20-15
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER OR AUTHORIZED AGENT
 TELEPHONE
 AREA NUMBER 510 420-2525
 CODE
 DATE
 YEAR 2013 MONTH October DAY 25

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

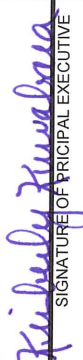
PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

NO DISCHARGE
 NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM 13 08 01 TO 13 08 31
 YEAR MO DAY YEAR MO DAY

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Sulfate	*****	*****	1,500	*****	17,205	MG/L	0	Monthly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report				
Sulfate	*****	*****	1,300	*****	14,911	MG/L	0	Monthly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report				
Total Dissolved Solids	*****	*****	*	*****	*	MG/L	0	Quarterly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report				
Total Dissolved Solids	*****	*****	*	*****	*	MG/L	0	Quarterly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report				
Sulfide	*****	*****	0.01	*****	0.12	MG/L	0	Monthly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report				
Sulfide	*****	*****	3.50	*****	40.15	MG/L	0	Monthly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report				
Oil & Grease	*****	*****	*	*****	*	MG/L	0	Quarterly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara CEM 2353, exp. 3-20-15 TYPED OR PRINTED									
SIGNATURE OF PRINCIPAL EXECUTIVE  OFFICER OR AUTHORIZED AGENT									
TELEPHONE AREA CODE NUMBER 510 420-2525									
DATE MONTH YEAR DAY October 2013 25									

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER 001

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

MONITORING PERIOD
 FROM YEAR 13 MO 08 DAY 01 TO YEAR 13 MO 08 DAY 31

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day)			
Oil & Grease	*****	*****	****	*****	*****	*	0	Quarterly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report			
Boron	*****	*****	****	*****	*****	*	0	Quarterly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report			
Dissolved Oxygen	*****	*****	****	1.7	1.7	9.3	0	Weekly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report			
Nitrate as N	*****	*****	****	0.90	0.90	10.6	0	Monthly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	****	0.07	0.1	0.8	0	Weekly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	****	2.6	3.7	30.2	0	Weekly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report			
Chloride	*****	*****	****	*****	*****	*	0	Quarterly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report			

CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kimberly Kuwabara
 CEIM 2353, exp. 3-20-15
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT
 TELEPHONE
 420-2525
 NUMBER
 510
 AREA CODE
 2013
 YEAR
 October
 MONTH
 25
 DAY

COMMENT AND EXPANION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER

001
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 13 08 01 TO 13 08 31
 YEAR MO DAY YEAR MO DAY

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Chloride	*****	*****	*****	*****	*	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Effluent	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Chlorate	*****	*****	*****	*****	20	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Influent	*****	*****	*****	*****	229	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Chlorate	*****	*****	*****	*****	20	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Effluent	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Chloride	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Effluent	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Chlorate	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Influent	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Chloride	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete
Effluent	*****	*****	*****	*****	200	MG/L	0	Quarterly	Discrete
	*****	*****	*****	*****	Monitor & Report	MG/L	0	Monthly	Discrete

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kimberly Kuwabara
 CEM 2353, exp. 3-20-15
 TYPED OR PRINTED

Kimberly Kuwabara
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 AREA CODE NUMBER YEAR MONTH DAY
 510 420-2525 2013 October 25

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)

NV0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 13 09 01 TO 13 09 30
 YEAR MO DAY YEAR MO DAY

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Flow	1.36	1.46	*****	*****	*****	0	Cont	Flow Meter
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****			
BOD5 (Inhibited)	*****	*****	2.8	9.5	32.0	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
BOD5 (Inhibited)	*****	*****	19	60	212	1**	Weekly	Discrete
Effluent	*****	*****	25 mg/L	40 mg/L	254 lbs/day			
Perchlorate	*****	*****	120	130	1,352	0	Weekly	Comp
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
Perchlorate	*****	*****	2.4	2.4	0.03	0	Weekly	Comp
Effluent	*****	*****	18 ug/l	Monitor & Report	0.22 lbs/day			
pH	*****	*****	6.9	*****	*****	0	Weekly	Discrete
Effluent	*****	*****	6.5 Minimum	9.0 Maximum	*****			
Hexavalent Chromium	*****	*****	0.007	0.009	0.076	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	Kimberly Kuwabara		TELEPHONE			DATE		
CEM 2353, exp. 3-20-15	TYPED OR PRINTED		510 AREA CODE			2013 YEAR		
			420-2525 NUMBER			October MONTH		
			510 AREA CODE			25 DAY		
			SIGNATURE OF PRICIPAL EXECUTIVE					
			OFFICER OR AUTHORIZED AGENT					

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

** See letter dated September 20, 2013 to Mr. Joe Maez.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)


DISCHARGE MONITORING REPORT (DMR)
 NV0023060 PERMIT NUMBER 001 DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR 13 MO 09 DAY 01 TO YEAR 13 MO 09 DAY 30

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

NO DISCHARGE []
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Hexavalent Chromium	*****	*****	0.000	0.000	0.001	MG/L	0	Weekly	Discrete
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Chromium	*****	*****	0.010	0.012	0.117	MG/L	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Chromium	*****	*****	0.010	0.016	0.115	MG/L	0	Weekly	Discrete
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Suspended Solids	*****	*****	19	24	210	MG/L	0	Weekly	Discrete
Effluent	*****	*****	135 mg/l	Monitor & Report	1,634 lbs/day				
Iron, Total	*****	*****	2.4	4.3	27.2	MG/L	0	Weekly	Discrete
Effluent	*****	*****	10 mg/l	Monitor & Report	121.03 lbs/day				
Manganese	*****	*****	*	*****	*	MG/L	0	Quarterly	Discrete
Effluent	*****	*****	5 mg/l	NA	60.52 lbs/day				
Total Phosphorus, as P	*****	*****	0.029	0.084	0.32	MG/L	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara CEM 2353, exp. 3-20-15 TYPED OR PRINTED									
SIGNATURE OF PRICIPAL EXECUTIVE  OFFICER OR AUTHORIZED AGENT									
TELEPHONE						DATE			
420-2525						2013 October 25			
510						2013			
AREA CODE						MONTH DAY			

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 13 09 01 TO 13 09 30
 YEAR MO DAY YEAR MO DAY

NO DISCHARGE
 NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	MG/L				
Total Phosphorus, as P	*****	*****	0.23	0.36	2.60	0	Weekly	Discrete		
Effluent	*****	*****	Monitor & Report	Monitor & Report	20 lbs/day					
Total Ammonia, as N	*****	*****	0.06	0.11	0.70	0	Weekly	Discrete		
Effluent	*****	*****	Monitor & Report	Monitor & Report	40 lbs/day					
Attachment A	*****	*****	Please see attached results							
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report	0	Quarterly	Discrete		
Color	*****	*****	13.7	25	*****	0	Weekly	Discrete		
Influent	*****	*****	Monitor & Report	Monitor & Report	*****					
Color	*****	*****	17.2	30	*****	0	Weekly	Discrete		
Effluent	*****	*****	Monitor & Report	Monitor & Report	*****					
Total Inorganic Nitrogen, as N	*****	*****	10.8	12.0	122.5	0	Weekly	Discrete		
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report					
Total Inorganic Nitrogen, as N	*****	*****	0.25	0.25	2.83	0	Weekly	Discrete		
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara CEM 2363, exp. 3-20-15 TYPED OR PRINTED										
COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)										

Kimberly Kuwabara
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 420-2525
 NUMBER
 510
 AREA CODE
 2013
 YEAR
 October
 MONTH
 25
 DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER

NO DISCHARGE

NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM: 13 09 01 TO 13 09 30
 YEAR MO DAY

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Sulfate	*****	*****	1,600	*****	18,104	0	Monthly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report			
Sulfate	*****	*****	1,500	*****	16,973	0	Monthly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	*	*****	*	0	Quarterly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	*	*****	*	0	Quarterly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report			
Sulfide	*****	*****	0.01	*****	0.11	0	Monthly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report			
Sulfide	*****	*****	0.83	*****	9.39	0	Monthly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report			
Oil & Grease	*****	*****	*	*****	*	0	Quarterly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara		SIGNATURE OF PRINCIPAL EXECUTIVE <i>Kimberly Kuwabara</i>			TELEPHONE		DATE	
CEM 2353, exp. 3-20-15 TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT			510 AREA CODE	420-2525 NUMBER	2013 YEAR	October MONTH
COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)							25 DAY	

* Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER

NO DISCHARGE

NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM: YEAR 13 MO 09 DAY 01 TO YEAR 13 MO 09 DAY 30

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)			
Oil & Grease	*****	*****	*****	*****	0	Quarterly	Discrete
Effluent	*****	*****	*****	*****			
Boron	*****	*****	*****	*****	0	Quarterly	Discrete
Effluent	*****	*****	*****	*****			
Dissolved Oxygen	*****	*****	3.2	8.9	0	Weekly	Discrete
Effluent	*****	*****	*****	*****			
Nitrate as N	*****	*****	0.62	*****	0	Monthly	Discrete
Effluent	*****	*****	*****	*****			
Kjeldahl Nitrogen as N	*****	*****	0.25	0.6	0	Weekly	Discrete
Influent	*****	*****	*****	*****			
Kjeldahl Nitrogen as N	*****	*****	3.9	8.0	0	Weekly	Discrete
Effluent	*****	*****	*****	*****			
Chloride	*****	*****	*****	*****	0	Quarterly	Discrete
Influent	*****	*****	*****	*****			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kimberly Kuwabara		SIGNATURE OF PRINCIPAL EXECUTIVE <i>Kimberly Kuwabara</i>		TELEPHONE		DATE	
CEM 2353, exp. 3-20-15 TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT		NUMBER		MONTH	
				510		2013	
				420-2525		October	
				AREA CODE		25	
				NUMBER		DAY	

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

* Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: c/o Envirogen Technologies
 510 Fourth Street
 Henderson, NV, 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Kimberly Kuwabara

DISCHARGE MONITORING REPORT (DMR)
 NV0023060
 PERMIT NUMBER

NO DISCHARGE

NOTE: Read instructions before completing this form

MONITORING PERIOD
 FROM: 13 09 01 TO 13 09 30
 YEAR MO DAY YEAR MO DAY

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		30 Day Ave	Daily Max	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Chloride	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Quarterly	Discrete
Effluent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Quarterly	Discrete
Chlorate	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Chlorate	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Effluent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Chloride	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Effluent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Chlorate	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete
Influent	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	Monthly	Discrete

IDENTIFY UNDER PENALTY OF LAW WITH THIS DOCUMENT AND ALL INSTRUMENTS THE PREPARED DOCUMENT
 DIRECTOR OR SUPERVISOR IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL
 PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR
 PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE
 INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE,
 AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION,
 INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Kimberly Kuwabara
 CEM 2353, exp. 3-20-15
 TYPED OR PRINTED

Kimberly Kuwabara
 SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 DATE
 AREA NUMBER YEAR MONTH DAY
 510 420-2525 2013 October 25

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the July 2013 for analyte information.

ATTACHMENT 2

Summary of Supporting Analytical



Influent &
Effluent.xlsx

Influent and Effluent



Influent-Effluent
Composite.xlsx

Influent and Effluent Composite



July and August
Perchlorate Effluent I

July and August Effluent Perchlorate Data



Wash.xlsx

Wash



LVW Mixing
Zone.xlsx

LVW 5.5 Mixing Zone Evaluation



M-10.xlsx

M-10



FBR Solids.xls

FBR Solids

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
7/11/2013	Influent	1,1,1-Trichloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,1,1-Trichloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,1,2,2-Tetrachloroethane	<0.060	ug/l	0.060	ug/l	E524.2
7/11/2013	Effluent	1,1,2,2-Tetrachloroethane	<0.060	ug/l	0.060	ug/l	E524.2
7/11/2013	Influent	1,1,2-Trichloroethane	<0.060	ug/l	0.060	ug/l	E524.2
7/11/2013	Effluent	1,1,2-Trichloroethane	<0.060	ug/l	0.060	ug/l	E524.2
7/11/2013	Influent	1,1-Dichloroethane	0.91	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,1-Dichloroethane	0.66	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,1-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,1-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,2,4-Trichlorobenzene	0.69 JH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	1,2,4-Trichlorobenzene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	1,2-Dibromoethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,2-Dibromoethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,2-Dichlorobenzene	0.26 JH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	1,2-Dichlorobenzene	0.31	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,2-Dichlorobenzene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Effluent	1,2-Dichlorobenzene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,2-Dichloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,2-Dichloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,2-Dichloropropane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,2-Dichloropropane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,2-Diphenylhydrazine	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	1,2-Diphenylhydrazine	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	1,3-Dichlorobenzene	0.14	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,3-Dichlorobenzene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	1,3-Dichlorobenzene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,3-Dichlorobenzene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	1,4-Dichlorobenzene	0.20	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	1,4-Dichlorobenzene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	1,4-Dichlorobenzene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	1,4-Dichlorobenzene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2,2'-oxybis(1-Chloropropane)	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2,2'-oxybis(1-Chloropropane)	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	2,3,7,8-Tetrachlorodibenzofuran	<1.5	pg/l	1.5	pg/l	E1613B
7/11/2013	Effluent	2,3,7,8-Tetrachlorodibenzofuran	<1.8	pg/l	1.8	pg/l	E1613B
7/11/2013	Influent	2,3,7,8-Tetrachlorodibenzo-p-dioxin	<2.5	pg/l	2.5	pg/l	E1613B
7/11/2013	Effluent	2,3,7,8-Tetrachlorodibenzo-p-dioxin	<3.3	pg/l	3.3	pg/l	E1613B
7/11/2013	Influent	2,4,5-Trichlorophenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	2,4,5-Trichlorophenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2,4,6-Trichlorophenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2,4,6-Trichlorophenol	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	2,4-Dichlorophenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	2,4-Dichlorophenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2,4-Dimethylphenol	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	2,4-Dimethylphenol	<0.28 UH	ug/l	0.28	ug/l	E625
7/11/2013	Influent	2,4-Dinitrophenol	<1.7 UH	ug/l	1.7	ug/l	E625
7/11/2013	Effluent	2,4-Dinitrophenol	<0.85 UH	ug/l	0.85	ug/l	E625
7/11/2013	Influent	2,4-Dinitrotoluene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	2,4-Dinitrotoluene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2,6-Dinitrotoluene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2,6-Dinitrotoluene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	2-Chloroethylvinyl ether	<1.8	ug/l	1.8	ug/l	E624
7/11/2013	Effluent	2-Chloroethylvinyl ether	<1.8	ug/l	1.8	ug/l	E624
7/11/2013	Influent	2-Chloronaphthalene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2-Chloronaphthalene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	2-Chlorophenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	2-Chlorophenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2-Methylnaphthalene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	2-Methylnaphthalene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	2-Methylphenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2-Methylphenol	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	2-Nitroaniline	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2-Nitroaniline	<0.094 UH	ug/l	0.094	ug/l	E625

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
7/11/2013	Influent	2-Nitrophenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	2-Nitrophenol	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	3,3'-Dichlorobenzidine	<0.95 UH	ug/l	0.95	ug/l	E625
7/11/2013	Effluent	3,3'-Dichlorobenzidine	<0.47 UH	ug/l	0.47	ug/l	E625
7/11/2013	Influent	3-Methylphenol & 4-Methylphenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	3-Methylphenol & 4-Methylphenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	3-Nitroaniline	<1.9 UH	ug/l	1.9	ug/l	E625
7/11/2013	Effluent	3-Nitroaniline	<0.94 UH	ug/l	0.94	ug/l	E625
7/11/2013	Influent	4,4'-DDD	<0.0038	ug/l	0.0038	ug/l	E608
7/11/2013	Effluent	4,4'-DDD	<0.038	ug/l	0.038	ug/l	E608
7/11/2013	Influent	4,4'-DDE	<0.0029	ug/l	0.0029	ug/l	E608
7/11/2013	Effluent	4,4'-DDE	<0.028	ug/l	0.028	ug/l	E608
7/11/2013	Influent	4,4'-DDT	<0.0038	ug/l	0.0038	ug/l	E608
7/11/2013	Effluent	4,4'-DDT	<0.038	ug/l	0.038	ug/l	E608
7/11/2013	Influent	4,6-Dinitro-2-methylphenol	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	4,6-Dinitro-2-methylphenol	<0.28 UH	ug/l	0.28	ug/l	E625
7/11/2013	Influent	4-Bromophenyl phenyl ether	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	4-Bromophenyl phenyl ether	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	4-Chloro-3-methylphenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	4-Chloro-3-methylphenol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	4-Chloroaniline	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	4-Chloroaniline	<0.28 UH	ug/l	0.28	ug/l	E625
7/11/2013	Influent	4-Chlorophenyl-phenyl ether	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	4-Chlorophenyl-phenyl ether	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	4-Nitroaniline	<0.95 UH	ug/l	0.95	ug/l	E625
7/11/2013	Effluent	4-Nitroaniline	<0.47 UH	ug/l	0.47	ug/l	E625
7/11/2013	Influent	4-Nitrophenol	<4.8 UH	ug/l	4.8	ug/l	E625
7/11/2013	Effluent	4-Nitrophenol	<2.3 UH	ug/l	2.3	ug/l	E625
7/11/2013	Influent	Acenaphthene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Acenaphthene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Acenaphthylene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Acenaphthylene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Acrolein	<4.0	ug/l	4.0	ug/l	E624
7/11/2013	Effluent	Acrolein	<4.0	ug/l	4.0	ug/l	E624
7/11/2013	Influent	Acrylonitrile	<1.2	ug/l	1.2	ug/l	E624
7/11/2013	Effluent	Acrylonitrile	<1.2	ug/l	1.2	ug/l	E624
7/11/2013	Influent	Aldrin	<0.0014	ug/l	0.0014	ug/l	E608
7/11/2013	Effluent	Aldrin	<0.014	ug/l	0.014	ug/l	E608
7/11/2013	Influent	alpha-BHC	0.16	ug/l	0.0024	ug/l	E608
7/11/2013	Effluent	alpha-BHC	0.051	ug/l	0.024	ug/l	E608
7/5/2013	Influent	Ammonia (as N)	0.38	mg/l	0.050	mg/l	E350.1
7/5/2013	Effluent	Ammonia (as N)	0.14 J	mg/l	0.10	mg/l	E350.1
7/11/2013	Influent	Ammonia (as N)	0.13 J	mg/l	0.10	mg/l	E350.1
7/11/2013	Effluent	Ammonia (as N)	0.51	mg/l	0.10	mg/l	E350.1
7/15/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
7/15/2013	Effluent	Ammonia (as N)	0.39	mg/l	0.10	mg/l	E350.1
7/22/2013	Influent	Ammonia (as N)	0.057 J	mg/l	0.050	mg/l	E350.1
7/22/2013	Effluent	Ammonia (as N)	0.47	mg/l	0.050	mg/l	E350.1
7/30/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
7/30/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/5/2013	Influent	Ammonia (as N)	0.13 J	mg/l	0.10	mg/l	E350.1
8/5/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/12/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/12/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/19/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/19/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/26/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/26/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/3/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/3/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/9/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/9/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/19/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/19/2013	Effluent	Ammonia (as N)	0.11 J	mg/l	0.10	mg/l	E350.1

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
9/24/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/24/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/30/2013	Influent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/30/2013	Effluent	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
7/11/2013	Influent	Aniline	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	Aniline	<0.28 UH	ug/l	0.28	ug/l	E625
7/11/2013	Influent	Anthracene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Anthracene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Antimony	<0.0070	mg/l	0.0070	mg/l	E200.7
7/11/2013	Effluent	Antimony	<0.0070	mg/l	0.0070	mg/l	E200.7
7/11/2013	Influent	Aroclor-1016	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1016	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1221	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1221	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1232	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1232	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1242	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1242	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1248	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1248	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1254	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1254	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Aroclor-1260	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Aroclor-1260	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Influent	Arsenic	0.10	mg/l	0.0070	mg/l	E200.7
7/11/2013	Effluent	Arsenic	0.041	mg/l	0.0070	mg/l	E200.7
7/11/2013	Influent	Benzidine	<1.9 UH*	ug/l	1.9	ug/l	E625
7/11/2013	Effluent	Benzidine	<0.94 UH*	ug/l	0.94	ug/l	E625
7/11/2013	Influent	Benzo(a)anthracene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Benzo(a)anthracene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Benzo(a)pyrene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Benzo(a)pyrene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Benzo(b)fluoranthene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Benzo(b)fluoranthene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Benzo(g,h,i)perylene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Benzo(g,h,i)perylene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Benzo(k)fluoranthene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Benzo(k)fluoranthene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Benzoic acid	<5.7 UH	ug/l	5.7	ug/l	E625
7/11/2013	Effluent	Benzoic acid	<2.8 UH	ug/l	2.8	ug/l	E625
7/11/2013	Influent	Benzyl alcohol	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Benzyl alcohol	0.23 JH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Beryllium	<0.00090	mg/l	0.00090	mg/l	E200.7
7/11/2013	Effluent	Beryllium	<0.00090	mg/l	0.00090	mg/l	E200.7
7/11/2013	Influent	beta-BHC	0.27	ug/l	0.0038	ug/l	E608
7/11/2013	Effluent	beta-BHC	0.093 J	ug/l	0.038	ug/l	E608
7/5/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
7/5/2013	Effluent	Carbonaceous BOD	2.5	mg/l	0.50	mg/l	SM 5210B
7/11/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
7/11/2013	Effluent	Biochemical oxygen demand ¹	4.6	mg/l	0.50	mg/l	SM 5210B
7/17/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
7/17/2013	Effluent	Carbonaceous BOD	5.8	mg/l	0.50	mg/l	SM 5210B
7/24/2013	Influent	Carbonaceous BOD	0.66 J	mg/l	0.50	mg/l	SM 5210B
7/24/2013	Effluent	Carbonaceous BOD	1.8 J	mg/l	0.50	mg/l	SM 5210B
8/2/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
8/2/2013	Effluent	Carbonaceous BOD	140	mg/l	30	mg/l	SM 5210B
8/2/2013	Effluent	Carbonaceous BOD	18 H ²	mg/l	1.5	mg/l	SM 5210B
8/7/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
8/7/2013	Effluent	Carbonaceous BOD	33	mg/l	3.0	mg/l	SM 5210B
8/14/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
8/14/2013	Effluent	Carbonaceous BOD	95	mg/l	19	mg/l	SM 5210B
8/21/2013	Influent	Carbonaceous BOD	0.52 J	mg/l	0.50	mg/l	SM 5210B
8/21/2013	Effluent	Carbonaceous BOD	27	mg/l	0.50	mg/l	SM 5210B
8/28/2013	Influent	Carbonaceous BOD	1.0 J	mg/l	0.50	mg/l	SM 5210B

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
8/28/2013	Effluent	Carbonaceous BOD	5.1	mg/l	0.50	mg/l	SM 5210B
9/4/2013	Influent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
9/4/2013	Effluent	Carbonaceous BOD	60	mg/l	0.50	mg/l	SM 5210B
9/12/2013	Influent	Carbonaceous BOD	0.56 J	mg/l	0.50	mg/l	SM 5210B
9/12/2013	Effluent	Carbonaceous BOD	3.5	mg/l	0.50	mg/l	SM 5210B
9/18/2013	Influent	Carbonaceous BOD	0.78 J	mg/l	0.50	mg/l	SM 5210B
9/18/2013	Effluent	Carbonaceous BOD	12	mg/l	1.5	mg/l	SM 5210B
9/25/2013	Influent	Carbonaceous BOD	<19	mg/l	19	mg/l	SM 5210B
9/25/2013	Effluent	Carbonaceous BOD	<0.50	mg/l	0.50	mg/l	SM 5210B
7/11/2013	Influent	Bis(2-chloroethoxy)methane	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Bis(2-chloroethoxy)methane	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	bis(2-Chloroethyl) ether	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	bis(2-Chloroethyl) ether	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	bis(2-Ethylhexyl)phthalate	<3.2 UH	ug/l	3.2	ug/l	E625
7/11/2013	Effluent	bis(2-Ethylhexyl)phthalate	1.6 JH	ug/l	1.6	ug/l	E625
7/11/2013	Influent	Boron	2.8	mg/l	0.020	mg/l	E200.7
7/11/2013	Effluent	Boron	2.8	mg/l	0.020	mg/l	E200.7
7/11/2013	Influent	Bromodichloromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Bromodichloromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Bromoform	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Bromoform	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Bromomethane	<0.20	ug/l	0.20	ug/l	E524.2
7/11/2013	Effluent	Bromomethane	<0.20	ug/l	0.20	ug/l	E524.2
7/11/2013	Influent	Butylbenzylphthalate	<1.3 UH	ug/l	1.3	ug/l	E625
7/11/2013	Effluent	Butylbenzylphthalate	<0.66 UH	ug/l	0.66	ug/l	E625
7/11/2013	Influent	Cadmium	<0.0020	mg/l	0.0020	mg/l	E200.7
7/11/2013	Effluent	Cadmium	<0.0020	mg/l	0.0020	mg/l	E200.7
7/11/2013	Influent	Carbon Tetrachloride	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Carbon Tetrachloride	<0.050	ug/l	0.050	ug/l	E524.2
7/5/2013	Influent	Chlorate	240000	ug/l	8000	ug/l	E300.1
7/5/2013	Effluent	Chlorate	<80	ug/l	80	ug/l	E300.1
8/8/2013	Influent	Chlorate	200000	ug/l	16000	ug/l	E300.1
8/8/2013	Effluent	Chlorate	<40	ug/l	40	ug/l	E300.1
9/3/2013	Influent	Chlorate	230000	ug/l	16000	ug/l	E300.1
9/3/2013	Effluent	Chlorate	16 J	ug/l	16	ug/l	E300.1
7/11/2013	Influent	Chlordane (total)	<0.076	ug/l	0.076	ug/l	E608
7/11/2013	Effluent	Chlordane (total)	<0.76	ug/l	0.76	ug/l	E608
7/11/2013	Influent	Chloride	1600	mg/l	80	mg/l	E300
7/11/2013	Effluent	Chloride	1700	mg/l	80	mg/l	E300
7/11/2013	Influent	Chlorobenzene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Chlorobenzene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Chloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Chloroethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Chloroform	34	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Chloroform	0.77	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Chloromethane	<0.20	ug/l	0.20	ug/l	E524.2
7/11/2013	Effluent	Chloromethane	<0.20	ug/l	0.20	ug/l	E524.2
7/5/2013	Influent	Chromium (total)	0.15	mg/l	0.0020	mg/l	E200.7
7/5/2013	Effluent	Chromium (total)	0.0077	mg/l	0.0020	mg/l	E200.7
7/11/2013	Influent	Chromium (total)	0.013	mg/l	0.0020	mg/l	E200.7
7/11/2013	Influent	Chromium (total)	0.014	mg/l	0.0020	mg/l	E200.7
7/11/2013	Effluent	Chromium (total)	0.011	mg/l	0.0020	mg/l	E200.7
7/11/2013	Effluent	Chromium (total)	0.012	mg/l	0.0020	mg/l	E200.7
7/15/2013	Influent	Chromium (total)	0.025 B	mg/l	0.0020	mg/l	E200.7
7/15/2013	Effluent	Chromium (total)	0.0095 B	mg/l	0.0020	mg/l	E200.7
7/22/2013	Influent	Chromium (total)	0.045	mg/l	0.0020	mg/l	E200.7
7/22/2013	Effluent	Chromium (total)	0.0083	mg/l	0.0020	mg/l	E200.7
7/30/2013	Influent	Chromium (total)	0.074	mg/l	0.0020	mg/l	E200.7
7/30/2013	Effluent	Chromium (total)	0.045	mg/l	0.0020	mg/l	E200.7
8/5/2013	Influent	Chromium (total)	0.0035 J	mg/l	0.0020	mg/l	E200.7
8/5/2013	Effluent	Chromium (total)	0.0070	mg/l	0.0020	mg/l	E200.7
8/12/2013	Influent	Chromium (total)	0.064	mg/l	0.0040	mg/l	E200.7
8/12/2013	Effluent	Chromium (total)	0.011	mg/l	0.0020	mg/l	E200.7
8/19/2013	Influent	Chromium (total)	0.013	mg/l	0.0020	mg/l	E200.7

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8/19/2013	Effluent	Chromium (total)	0.014	mg/l	0.0020	mg/l	E200.7
8/26/2013	Influent	Chromium (total)	0.061	mg/l	0.0020	mg/l	E200.7
8/26/2013	Effluent	Chromium (total)	0.013	mg/l	0.0020	mg/l	E200.7
9/3/2013	Influent	Chromium (total)	0.012	mg/l	0.0020	mg/l	E200.7
9/3/2013	Effluent	Chromium (total)	0.016	mg/l	0.0020	mg/l	E200.7
9/9/2013	Influent	Chromium (total)	0.0096	mg/l	0.0020	mg/l	E200.7
9/9/2013	Effluent	Chromium (total)	0.013	mg/l	0.0020	mg/l	E200.7
9/19/2013	Influent	Chromium (total)	0.012	mg/l	0.0020	mg/l	E200.7
9/19/2013	Effluent	Chromium (total)	0.0054	mg/l	0.0020	mg/l	E200.7
9/24/2013	Influent	Chromium (total)	0.0092	mg/l	0.0020	mg/l	E200.7
9/24/2013	Effluent	Chromium (total)	0.0065	mg/l	0.0020	mg/l	E200.7
9/30/2013	Influent	Chromium (total)	0.0089	mg/l	0.0020	mg/l	E200.7
9/30/2013	Effluent	Chromium (total)	0.010	mg/l	0.0020	mg/l	E200.7
7/5/2013	Influent	Chromium VI	47	ug/l	0.25	ug/l	E218.6
7/5/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
7/11/2013	Influent	Chromium VI	8.0	ug/l	0.25	ug/l	E218.6
7/11/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
7/15/2013	Influent	Chromium VI	22	ug/l	0.25	ug/l	E218.6
7/15/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
7/22/2013	Influent	Chromium VI	39	ug/l	0.25	ug/l	E218.6
7/22/2013	Effluent	Chromium VI	0.56 J	ug/l	0.25	ug/l	E218.6
7/30/2013	Influent	Chromium VI	76	ug/l	0.25	ug/l	E218.6
7/30/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
8/5/2013	Influent	Chromium VI	0.68 J	ug/l	0.25	ug/l	E218.6
8/5/2013	Effluent	Chromium VI	<2.5	ug/l	2.5	ug/l	E218.6
8/12/2013	Influent	Chromium VI	63 ^	ug/l	0.25	ug/l	E218.6
8/12/2013	Effluent	Chromium VI	<2.5 U^	ug/l	2.5	ug/l	E218.6
8/19/2013	Influent	Chromium VI	7.4	ug/l	0.25	ug/l	E218.6
8/21/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
8/26/2013	Influent	Chromium VI	10	ug/l	0.25	ug/l	E218.6
8/26/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
9/3/2013	Influent	Chromium VI	8.2	ug/l	0.25	ug/l	E218.6
9/3/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
9/9/2013	Influent	Chromium VI	4.8	ug/l	0.25	ug/l	E218.6
9/9/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
9/19/2013	Influent	Chromium VI	8.8 H	ug/l	0.25	ug/l	E218.6
9/19/2013	Effluent	Chromium VI	<0.25 UH	ug/l	0.25	ug/l	E218.6
9/24/2013	Influent	Chromium VI	6.1	ug/l	0.25	ug/l	E218.6
9/24/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
9/30/2013	Influent	Chromium VI	5.6	ug/l	0.25	ug/l	E218.6
9/30/2013	Effluent	Chromium VI	<0.25	ug/l	0.25	ug/l	E218.6
7/11/2013	Influent	Chrysene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Chrysene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	cis-1,2-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	cis-1,2-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	cis-1,3-Dichloropropene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	cis-1,3-Dichloropropene	<0.050	ug/l	0.050	ug/l	E524.2
7/5/2013	Influent	Color	13	color unit	1.0	color unit	SM2120
7/5/2013	Effluent	Color	5.0	color unit	1.0	color unit	SM2120
7/11/2013	Influent	Color	10	color unit	1.0	color unit	SM2120
7/11/2013	Effluent	Color	10	color unit	1.0	color unit	SM2120
7/15/2013	Influent	Color	15	color unit	1.0	color unit	SM2120
7/15/2013	Effluent	Color	23	color unit	1.0	color unit	SM2120
7/22/2013	Influent	Color	10	color unit	1.0	color unit	SM2120
7/22/2013	Effluent	Color	7.5	color unit	1.0	color unit	SM2120
7/30/2013	Influent	Color	13	color unit	1.0	color unit	SM2120
7/30/2013	Effluent	Color	15	color unit	2.0	color unit	SM2120
8/5/2013	Influent	Color	10	color unit	1.0	color unit	SM2120
8/5/2013	Effluent	Color	13	color unit	1.0	color unit	SM2120
8/12/2013	Influent	Color	15	color unit	1.0	color unit	SM2120
8/12/2013	Effluent	Color	13	color unit	1.0	color unit	SM2120
8/19/2013	Influent	Color	20	color unit	1.0	color unit	SM2120
8/19/2013	Effluent	Color	10	color unit	1.0	color unit	SM2120
8/26/2013	Influent	Color	18	color unit	1.0	color unit	SM2120

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8/26/2013	Effluent	Color	15	color unit	1.0	color unit	SM2120
9/3/2013	Influent	Color	7.5	color unit	1.0	color unit	SM2120
9/3/2013	Effluent	Color	30	color unit	4.0	color unit	SM2120
9/9/2013	Influent	Color	13	color unit	1.0	color unit	SM2120
9/9/2013	Effluent	Color	10	color unit	1.0	color unit	SM2120
9/19/2013	Influent	Color	13	color unit	1.0	color unit	SM2120
9/19/2013	Effluent	Color	10	color unit	1.0	color unit	SM2120
9/24/2013	Influent	Color	25	color unit	1.0	color unit	SM2120
9/24/2013	Effluent	Color	13	color unit	1.0	color unit	SM2120
9/30/2013	Influent	Color	10	color unit	1.0	color unit	SM2120
9/30/2013	Effluent	Color	23	color unit	1.0	color unit	SM2120
7/11/2013	Influent	Copper	<0.0030	mg/l	0.0030	mg/l	E200.7
7/11/2013	Effluent	Copper	0.0039 J	mg/l	0.0030	mg/l	E200.7
7/11/2013	Influent	delta-BHC	0.25	ug/l	0.0033	ug/l	E608
7/11/2013	Effluent	delta-BHC	0.10	ug/l	0.033	ug/l	E608
7/11/2013	Influent	Dibenz(a,h)anthracene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Dibenz(a,h)anthracene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Dibenzofuran	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Dibenzofuran	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Dibromochloromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Dibromochloromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Dieldrin	<0.0019	ug/l	0.0019	ug/l	E608
7/11/2013	Effluent	Dieldrin	<0.019	ug/l	0.019	ug/l	E608
7/11/2013	Influent	Diethylphthalate	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Diethylphthalate	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Dimethylphthalate	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Dimethylphthalate	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Di-n-butylphthalate	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	Di-n-butylphthalate	0.49 JH	ug/l	0.28	ug/l	E625
7/11/2013	Influent	Di-n-octylphthalate	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Di-n-octylphthalate	<0.19 UH	ug/l	0.19	ug/l	E625
7/5/2013	Effluent	Dissolved Oxygen	5.4 HF	mg/l	1.0	mg/l	SM4500OG
7/11/2013	Effluent	Dissolved Oxygen	3.2 HF	mg/l	1.0	mg/l	SM4500OG
7/17/2013	Effluent	Dissolved Oxygen	3.4 HF	mg/l	1.0	mg/l	SM4500OG
7/24/2013	Effluent	Dissolved Oxygen	3.9 HF	mg/l	1.0	mg/l	SM4500OG
8/2/2013	Effluent	Dissolved Oxygen	2.7 HF	mg/l	1.0	mg/l	SM4500OG
8/7/2013	Effluent	Dissolved Oxygen	<1.0 UHF	mg/l	1.0	mg/l	SM4500OG
8/14/2013	Effluent	Dissolved Oxygen	<1.0 UHF	mg/l	1.0	mg/l	SM4500OG
8/21/2013	Effluent	Dissolved Oxygen	<1.0 UHF	mg/l	1.0	mg/l	SM4500OG
8/28/2013	Effluent	Dissolved Oxygen	1.7 HF	mg/l	1.0	mg/l	SM4500OG
9/4/2013	Effluent	Dissolved Oxygen	1.1 HF	mg/l	1.0	mg/l	SM4500OG
9/12/2013	Effluent	Dissolved Oxygen	1.7 HF	mg/l	1.0	mg/l	SM4500OG
9/18/2013	Effluent	Dissolved Oxygen	1.2 HF	mg/l	1.0	mg/l	SM4500OG
9/25/2013	Effluent	Dissolved Oxygen	8.9 HF	mg/l	1.0	mg/l	SM4500OG
7/11/2013	Influent	Dissolved Solids (total)	5800	mg/l	50	mg/l	SM2540C
7/11/2013	Effluent	Dissolved Solids (total)	5500	mg/l	50	mg/l	SM2540C
7/11/2013	Influent	Endosulfan I	<0.0029	ug/l	0.0029	ug/l	E608
7/11/2013	Effluent	Endosulfan I	<0.028	ug/l	0.028	ug/l	E608
7/11/2013	Influent	Endosulfan II	0.023	ug/l	0.0019	ug/l	E608
7/11/2013	Effluent	Endosulfan II	<0.019	ug/l	0.019	ug/l	E608
7/11/2013	Influent	Endosulfan sulfate	<0.0029	ug/l	0.0029	ug/l	E608
7/11/2013	Effluent	Endosulfan sulfate	<0.028	ug/l	0.028	ug/l	E608
7/11/2013	Influent	Endrin	<0.0019	ug/l	0.0019	ug/l	E608
7/11/2013	Effluent	Endrin	<0.019	ug/l	0.019	ug/l	E608
7/11/2013	Influent	Endrin aldehyde	<0.0019	ug/l	0.0019	ug/l	E608
7/11/2013	Effluent	Endrin aldehyde	<0.019	ug/l	0.019	ug/l	E608
7/11/2013	Influent	Fluoranthene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Fluoranthene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Fluorene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Fluorene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	gamma-BHC	<0.0029	ug/l	0.0029	ug/l	E608
7/11/2013	Effluent	gamma-BHC	<0.028	ug/l	0.028	ug/l	E608
7/11/2013	Influent	Heptachlor	<0.0029	ug/l	0.0029	ug/l	E608
7/11/2013	Effluent	Heptachlor	<0.028	ug/l	0.028	ug/l	E608

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
7/11/2013	Influent	Heptachlor epoxide	<0.0024	ug/l	0.0024	ug/l	E608
7/11/2013	Effluent	Heptachlor epoxide	<0.024	ug/l	0.024	ug/l	E608
7/11/2013	Influent	Hexachlorobenzene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Hexachlorobenzene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Hexachlorobutadiene	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Hexachlorobutadiene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Hexachlorocyclopentadiene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Hexachlorocyclopentadiene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Hexachloroethane	<0.38 UH	ug/l	0.38	ug/l	E625
7/11/2013	Effluent	Hexachloroethane	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Influent	Indeno(1,2,3-cd)pyrene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Indeno(1,2,3-cd)pyrene	<0.094 UH	ug/l	0.094	ug/l	E625
7/5/2013	Effluent	Iron	2.7 B	mg/l	0.015	mg/l	E200.7
7/11/2013	Influent	Iron	0.056 B	mg/l	0.015	mg/l	E200.7
7/11/2013	Effluent	Iron	4.9	mg/l	0.015	mg/l	E200.7
7/15/2013	Effluent	Iron	3.5	mg/l	0.015	mg/l	E200.7
7/22/2013	Effluent	Iron	1.0	mg/l	0.015	mg/l	E200.7
7/30/2013	Effluent	Iron	0.34	mg/l	0.015	mg/l	E200.7
8/5/2013	Effluent	Iron	0.033 J	mg/l	0.015	mg/l	E200.7
8/12/2013	Effluent	Iron	0.11	mg/l	0.015	mg/l	E200.7
8/19/2013	Effluent	Iron	0.13	mg/l	0.015	mg/l	E200.7
8/26/2013	Effluent	Iron	0.30	mg/l	0.015	mg/l	E200.7
9/3/2013	Effluent	Iron	1.0	mg/l	0.015	mg/l	E200.7
9/9/2013	Effluent	Iron	0.22	mg/l	0.015	mg/l	E200.7
9/19/2013	Effluent	Iron	3.2	mg/l	0.015	mg/l	E200.7
9/24/2013	Effluent	Iron	4.3	mg/l	0.015	mg/l	E200.7
9/30/2013	Effluent	Iron	3.2	mg/l	0.015	mg/l	E200.7
7/11/2013	Influent	Isophorone	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Isophorone	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Lead	<0.0040	mg/l	0.0040	mg/l	E200.7
7/11/2013	Effluent	Lead	<0.0040	mg/l	0.0040	mg/l	E200.7
7/11/2013	Influent	Manganese	0.48	mg/l	0.0070	mg/l	E200.7
7/11/2013	Effluent	Manganese	0.59	mg/l	0.0070	mg/l	E200.7
7/11/2013	Influent	Mercury	<0.00010	mg/l	0.00010	mg/l	E245.1
7/11/2013	Effluent	Mercury	<0.00010	mg/l	0.00010	mg/l	E245.1
7/11/2013	Influent	Methoxychlor	<0.0033	ug/l	0.0033	ug/l	E608
7/11/2013	Effluent	Methoxychlor	<0.033	ug/l	0.033	ug/l	E608
7/11/2013	Influent	Methylene Chloride	<0.40	ug/l	0.40	ug/l	E524.2
7/11/2013	Effluent	Methylene Chloride	0.80	ug/l	0.40	ug/l	E524.2
7/11/2013	Influent	Naphthalene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Naphthalene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Nickel	0.013	mg/l	0.0020	mg/l	E200.7
7/11/2013	Effluent	Nickel	0.025	mg/l	0.0020	mg/l	E200.7
7/5/2013	Influent	Nitrate	11	mg/l	1.6	mg/l	E300
7/5/2013	Effluent	Nitrate	<0.80	mg/l	0.80	mg/l	E300
7/11/2013	Influent	Nitrate	10	mg/l	0.80	mg/l	E300
7/11/2013	Effluent	Nitrate	<0.80	mg/l	0.80	mg/l	E300
7/15/2013	Influent	Nitrate	13	mg/l	1.6	mg/l	E300
7/15/2013	Effluent	Nitrate	<0.80	mg/l	0.80	mg/l	E300
7/22/2013	Influent	Nitrate	9.7	mg/l	1.6	mg/l	E300
7/22/2013	Effluent	Nitrate	2.0 J	mg/l	1.6	mg/l	E300
7/30/2013	Influent	Nitrate	14	mg/l	0.40	mg/l	E300
7/30/2013	Effluent	Nitrate	<0.40	mg/l	0.40	mg/l	E300
8/5/2013	Influent	Nitrate	9.9	mg/l	0.80	mg/l	E300
8/5/2013	Effluent	Nitrate	<0.80	mg/l	0.80	mg/l	E300
8/12/2013	Influent	Nitrate	11	mg/l	1.6	mg/l	E300
8/12/2013	Effluent	Nitrate	1.6 J	mg/l	1.6	mg/l	E300
8/19/2013	Influent	Nitrate	11	mg/l	1.6	mg/l	E300
8/19/2013	Effluent	Nitrate	<1.6	mg/l	1.6	mg/l	E300
8/26/2013	Influent	Nitrate	8.5	mg/l	1.6	mg/l	E300
8/26/2013	Effluent	Nitrate	<1.6	mg/l	1.6	mg/l	E300
9/3/2013	Influent	Nitrate	8.1	mg/l	1.6	mg/l	E300
9/3/2013	Effluent	Nitrate	<1.6	mg/l	1.6	mg/l	E300
9/9/2013	Influent	Nitrate	12	mg/l	1.6	mg/l	E300

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
9/9/2013	Effluent	Nitrate	<1.6	mg/l	1.6	mg/l	E300
9/19/2013	Influent	Nitrate	11	mg/l	1.0	mg/l	E300
9/19/2013	Effluent	Nitrate	<1.0	mg/l	1.0	mg/l	E300
9/24/2013	Influent	Nitrate	12	mg/l	1.0	mg/l	E300
9/24/2013	Effluent	Nitrate	<1.0	mg/l	1.0	mg/l	E300
9/30/2013	Influent	Nitrate	11	mg/l	1.0	mg/l	E300
9/30/2013	Effluent	Nitrate	<1.0	mg/l	1.0	mg/l	E300
7/5/2013	Influent	Nitrate/Nitrite	11	mg/l	2.2	mg/l	E300
7/5/2013	Effluent	Nitrate/Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/11/2013	Influent	Nitrate/Nitrite	10	mg/l	1.1	mg/l	E300
7/11/2013	Effluent	Nitrate/Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/15/2013	Influent	Nitrate/Nitrite	13	mg/l	2.2	mg/l	E300
7/15/2013	Effluent	Nitrate/Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/22/2013	Influent	Nitrate/Nitrite	9.7	mg/l	2.2	mg/l	E300
7/22/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
7/30/2013	Influent	Nitrate/Nitrite	14	mg/l	0.55	mg/l	E300
7/30/2013	Effluent	Nitrate/Nitrite	<0.55	mg/l	0.55	mg/l	E300
8/5/2013	Influent	Nitrate/Nitrite	9.9	mg/l	1.1	mg/l	E300
8/5/2013	Effluent	Nitrate/Nitrite	<1.1	mg/l	1.1	mg/l	E300
8/12/2013	Influent	Nitrate/Nitrite	11	mg/l	2.2	mg/l	E300
8/12/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/19/2013	Influent	Nitrate/Nitrite	11	mg/l	2.2	mg/l	E300
8/19/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/26/2013	Influent	Nitrate/Nitrite	8.5	mg/l	2.2	mg/l	E300
8/26/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/3/2013	Influent	Nitrate/Nitrite	8.1	mg/l	2.2	mg/l	E300
9/3/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/9/2013	Influent	Nitrate/Nitrite	12	mg/l	2.2	mg/l	E300
9/9/2013	Effluent	Nitrate/Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/19/2013	Influent	Nitrate/Nitrite	11	mg/l	1.4	mg/l	E300
9/19/2013	Effluent	Nitrate/Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/24/2013	Influent	Nitrate/Nitrite	12	mg/l	1.4	mg/l	E300
9/24/2013	Effluent	Nitrate/Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/30/2013	Influent	Nitrate/Nitrite	11	mg/l	1.4	mg/l	E300
9/30/2013	Effluent	Nitrate/Nitrite	<1.4	mg/l	1.4	mg/l	E300
7/5/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
7/5/2013	Effluent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/11/2013	Influent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/11/2013	Effluent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/15/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
7/15/2013	Effluent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
7/22/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
7/22/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
7/30/2013	Influent	Nitrite	<0.55	mg/l	0.55	mg/l	E300
7/30/2013	Effluent	Nitrite	<0.55	mg/l	0.55	mg/l	E300
8/5/2013	Influent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
8/5/2013	Effluent	Nitrite	<1.1	mg/l	1.1	mg/l	E300
8/12/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/12/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/19/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/19/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/26/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
8/26/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/3/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/3/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/9/2013	Influent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/9/2013	Effluent	Nitrite	<2.2	mg/l	2.2	mg/l	E300
9/19/2013	Influent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/19/2013	Effluent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/24/2013	Influent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/24/2013	Effluent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/30/2013	Influent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
9/30/2013	Effluent	Nitrite	<1.4	mg/l	1.4	mg/l	E300
7/11/2013	Influent	Nitrobenzene	<0.19 UH	ug/l	0.19	ug/l	E625

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Sample Date	Sample ID	Analyte	Result	Units	SQL	Units	Method
7/11/2013	Effluent	Nitrobenzene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	N-Nitroso-di-n-propylamine	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	N-Nitroso-di-n-propylamine	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	N-Nitrosodiphenylamine	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	N-Nitrosodiphenylamine	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Oil/Grease (HEM)	<1.3	mg/l	1.3	mg/l	E1664
7/11/2013	Effluent	Oil/Grease (HEM)	2.3 J	mg/l	1.3	mg/l	E1664
7/11/2013	Influent	Pentachlorophenol	<0.76 UH	ug/l	0.76	ug/l	E625
7/11/2013	Effluent	Pentachlorophenol	<0.38 UH	ug/l	0.38	ug/l	E625
7/5/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
7/5/2013	Effluent	pH	6.84 HF	s.u.	0.100	s.u.	SM4500-H+
7/5/2013	Effluent	pH	6.8	s.u.	0.10	s.u.	SM2120
7/11/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
7/11/2013	Effluent	pH	6.71 HF	s.u.	0.100	s.u.	SM4500-H+
7/11/2013	Effluent	pH	6.8	s.u.	0.10	s.u.	SM2120
7/15/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
7/15/2013	Effluent	pH	7.06 HF	s.u.	0.100	s.u.	SM4500-H+
7/15/2013	Effluent	pH	6.8	s.u.	0.10	s.u.	SM2120
7/22/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
7/22/2013	Effluent	pH	6.94 HF	s.u.	0.100	s.u.	SM4500-H+
7/22/2013	Effluent	pH	6.7	s.u.	0.10	s.u.	SM2120
7/30/2013	Influent	pH	7.3	s.u.	0.10	s.u.	SM2120
7/30/2013	Effluent	pH	7.11 HF	s.u.	0.100	s.u.	SM4500-H+
7/30/2013	Effluent	pH	7.0	s.u.	0.10	s.u.	SM2120
8/5/2013	Influent	pH	7.2	s.u.	0.10	s.u.	SM2120
8/5/2013	Effluent	pH	7.03 HF	s.u.	0.100	s.u.	SM4500-H+
8/5/2013	Effluent	pH	6.9	s.u.	0.10	s.u.	SM2120
8/12/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
8/12/2013	Effluent	pH	7.27 HF	s.u.	0.100	s.u.	SM4500-H+
8/12/2013	Effluent	pH	7.2	s.u.	0.10	s.u.	SM2120
8/19/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
8/19/2013	Effluent	pH	7.1	s.u.	0.10	s.u.	SM2120
8/19/2013	Effluent	pH	7.68 HF	s.u.	0.100	s.u.	SM4500-H+
8/26/2013	Influent	pH	7.3	s.u.	0.10	s.u.	SM2120
8/26/2013	Effluent	pH	6.8	s.u.	0.10	s.u.	SM2120
8/26/2013	Effluent	pH	7.42 HF	s.u.	0.100	s.u.	SM4500-H+
9/3/2013	Influent	pH	7.3	s.u.	0.10	s.u.	SM2120
9/3/2013	Effluent	pH	7.28 HF	s.u.	0.100	s.u.	SM4500-H+
9/3/2013	Effluent	pH	7.0	s.u.	0.10	s.u.	SM2120
9/9/2013	Influent	pH	7.2	s.u.	0.10	s.u.	SM2120
9/9/2013	Effluent	pH	6.76 HF	s.u.	0.100	s.u.	SM4500-H+
9/9/2013	Effluent	pH	6.8	s.u.	0.10	s.u.	SM2120
9/19/2013	Influent	pH	7.3	s.u.	0.10	s.u.	SM2120
9/19/2013	Effluent	pH	6.7	s.u.	0.10	s.u.	SM2120
9/19/2013	Effluent	pH	7.06 HF	s.u.	0.100	s.u.	SM4500-H+
9/24/2013	Influent	pH	7.3	s.u.	0.10	s.u.	SM2120
9/24/2013	Effluent	pH	6.7	s.u.	0.10	s.u.	SM2120
9/24/2013	Effluent	pH	6.94 HF	s.u.	0.100	s.u.	SM4500-H+
9/30/2013	Influent	pH	7.4	s.u.	0.10	s.u.	SM2120
9/30/2013	Effluent	pH	6.55 HF	s.u.	0.100	s.u.	SM4500-H+
9/30/2013	Effluent	pH	6.6	s.u.	0.10	s.u.	SM2120
7/11/2013	Influent	Phenanthrene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Phenanthrene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Phenol	<0.57 UH	ug/l	0.57	ug/l	E625
7/11/2013	Effluent	Phenol	<0.28 UH	ug/l	0.28	ug/l	E625
7/5/2013	Influent	Phosphorus (total)	0.063	mg/l	0.020	mg/l	E365.3
7/5/2013	Effluent	Phosphorus (total)	0.11	mg/l	0.020	mg/l	E365.3
7/11/2013	Influent	Phosphorus (total)	0.067	mg/l	0.020	mg/l	E365.3
7/11/2013	Effluent	Phosphorus (total)	0.092	mg/l	0.020	mg/l	E365.3
7/15/2013	Influent	Phosphorus (total)	0.035 J	mg/l	0.020	mg/l	E365.3
7/15/2013	Effluent	Phosphorus (total)	0.072	mg/l	0.020	mg/l	E365.3
7/22/2013	Influent	Phosphorus (total)	0.021 J	mg/l	0.020	mg/l	E365.3
7/22/2013	Effluent	Phosphorus (total)	0.14	mg/l	0.020	mg/l	E365.3
7/30/2013	Influent	Phosphorus (total)	<0.020	mg/l	0.020	mg/l	E365.3

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

Sample Date	Sample ID	Analyte	Result	Units	SQL	Units	Method
7/30/2013	Effluent	Phosphorus (total)	0.29	mg/l	0.020	mg/l	E365.3
8/5/2013	Influent	Phosphorus (total)	0.072	mg/l	0.020	mg/l	E365.3
8/5/2013	Effluent	Phosphorus (total)	0.40	mg/l	0.020	mg/l	E365.3
8/12/2013	Influent	Phosphorus (total)	0.047 J	mg/l	0.020	mg/l	E365.3
8/12/2013	Effluent	Phosphorus (total)	0.29	mg/l	0.020	mg/l	E365.3
8/19/2013	Influent	Phosphorus (total)	0.030 J	mg/l	0.020	mg/l	E365.3
8/19/2013	Effluent	Phosphorus (total)	0.36	mg/l	0.020	mg/l	E365.3
8/26/2013	Influent	Phosphorus (total)	0.029 J	mg/l	0.020	mg/l	E365.3
8/26/2013	Effluent	Phosphorus (total)	0.16	mg/l	0.020	mg/l	E365.3
9/3/2013	Influent	Phosphorus (total)	0.020 J	mg/l	0.020	mg/l	E365.3
9/3/2013	Effluent	Phosphorus (total)	0.35	mg/l	0.020	mg/l	E365.3
9/9/2013	Influent	Phosphorus (total)	0.084	mg/l	0.020	mg/l	E365.3
9/9/2013	Effluent	Phosphorus (total)	0.36	mg/l	0.020	mg/l	E365.3
9/19/2013	Influent	Phosphorus (total)	0.020 J	mg/l	0.020	mg/l	E365.3
9/19/2013	Effluent	Phosphorus (total)	0.21	mg/l	0.020	mg/l	E365.3
9/24/2013	Influent	Phosphorus (total)	<0.020	mg/l	0.020	mg/l	E365.3
9/24/2013	Effluent	Phosphorus (total)	<0.020	mg/l	0.020	mg/l	E365.3
9/30/2013	Influent	Phosphorus (total)	<0.020	mg/l	0.020	mg/l	E365.3
9/30/2013	Effluent	Phosphorus (total)	0.23	mg/l	0.020	mg/l	E365.3
7/11/2013	Influent	Pyrene	<0.19 UH	ug/l	0.19	ug/l	E625
7/11/2013	Effluent	Pyrene	<0.094 UH	ug/l	0.094	ug/l	E625
7/11/2013	Influent	Selenium	<0.0092	mg/l	0.0092	mg/l	E200.7
7/11/2013	Effluent	Selenium	<0.0092	mg/l	0.0092	mg/l	E200.7
7/11/2013	Influent	Silver	<0.0060	mg/l	0.0060	mg/l	E200.7
7/11/2013	Effluent	Silver	<0.0060	mg/l	0.0060	mg/l	E200.7
7/5/2013	Influent	Sulfate	1400	mg/l	80	mg/l	E300
7/5/2013	Effluent	Sulfate	1300	mg/l	80	mg/l	E300
8/8/2013	Influent	Sulfate	1500	mg/l	80	mg/l	E300
8/8/2013	Effluent	Sulfate	1300	mg/l	80	mg/l	E300
9/3/2013	Influent	Sulfate	1600	mg/l	200	mg/l	E300
9/3/2013	Effluent	Sulfate	1500	mg/l	200	mg/l	E300
7/5/2013	Influent	Sulfide (total)	<0.020	mg/l	0.020	mg/l	SM4500-S2 D
7/5/2013	Effluent	Sulfide (total)	0.074 J	mg/l	0.020	mg/l	SM4500-S2 D
8/8/2013	Influent	Sulfide (total)	<0.020	mg/l	0.020	mg/l	SM4500-S2 D
8/8/2013	Effluent	Sulfide (total)	3.5	mg/l	0.10	mg/l	SM4500-S2 D
9/3/2013	Influent	Sulfide (total)	<0.020	mg/l	0.020	mg/l	SM4500-S2 D
9/3/2013	Effluent	Sulfide (total)	0.83	mg/l	0.020	mg/l	SM4500-S2 D
7/5/2013	Effluent	Suspended solids (total)	9.3	mg/l	3.3	mg/l	SM2540D
7/11/2013	Effluent	Suspended solids (total)	41	mg/l	6.7	mg/l	SM2540D
7/15/2013	Effluent	Suspended solids (total)	19	mg/l	3.3	mg/l	SM2540D
7/22/2013	Effluent	Suspended solids (total)	18	mg/l	6.7	mg/l	SM2540D
7/30/2013	Effluent	Suspended solids (total)	18	mg/l	2.9	mg/l	SM2540D
8/5/2013	Effluent	Suspended solids (total)	5.0	mg/l	5.0	mg/l	SM2540D
8/12/2013	Effluent	Suspended solids (total)	8.5	mg/l	2.5	mg/l	SM2540D
8/19/2013	Effluent	Suspended solids (total)	7.4	mg/l	2.0	mg/l	SM2540D
8/26/2013	Effluent	Suspended solids (total)	14	mg/l	2.5	mg/l	SM2540D
9/3/2013	Effluent	Suspended solids (total)	23	mg/l	2.5	mg/l	SM2540D
9/9/2013	Effluent	Suspended solids (total)	14	mg/l	3.3	mg/l	SM2540D
9/19/2013	Effluent	Suspended solids (total)	24	mg/l	5.0	mg/l	SM2540D
9/24/2013	Effluent	Suspended solids (total)	18	mg/l	5.0	mg/l	SM2540D
9/30/2013	Effluent	Suspended solids (total)	14	mg/l	4.0	mg/l	SM2540D
7/11/2013	Influent	Tetrachloroethene	0.16	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Tetrachloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Thallium	<0.0080	mg/l	0.0080	mg/l	E200.7
7/11/2013	Effluent	Thallium	<0.0080	mg/l	0.0080	mg/l	E200.7
7/5/2013	Influent	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
7/5/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
7/11/2013	Influent	Total Inorganic Nitrogen-Calc	10	mg/l	0.50	mg/l	NTOTAL
7/11/2013	Effluent	Total Inorganic Nitrogen-Calc	0.51	mg/l	0.50	mg/l	NTOTAL
7/15/2013	Influent	Total Inorganic Nitrogen-Calc	13	mg/l	0.50	mg/l	NTOTAL
7/15/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
7/22/2013	Influent	Total Inorganic Nitrogen-Calc	9.8	mg/l	0.50	mg/l	NTOTAL
7/22/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
7/30/2013	Influent	Total Inorganic Nitrogen-Calc	14	mg/l	0.50	mg/l	NTOTAL

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

Sample Date	Sample ID	Analyte	Result	Units	SQL	Units	Method
7/30/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
8/5/2013	Influent	Total Inorganic Nitrogen-Calc	10	mg/l	0.50	mg/l	NTOTAL
8/5/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
8/12/2013	Influent	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
8/12/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
8/19/2013	Influent	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
8/19/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
8/26/2013	Influent	Total Inorganic Nitrogen-Calc	8.5	mg/l	0.50	mg/l	NTOTAL
8/26/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
9/3/2013	Influent	Total Inorganic Nitrogen-Calc	8.1	mg/l	0.50	mg/l	NTOTAL
9/3/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
9/9/2013	Influent	Total Inorganic Nitrogen-Calc	12	mg/l	0.50	mg/l	NTOTAL
9/9/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
9/19/2013	Influent	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
9/19/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
9/24/2013	Influent	Total Inorganic Nitrogen-Calc	12	mg/l	0.50	mg/l	NTOTAL
9/24/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
9/30/2013	Influent	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
9/30/2013	Effluent	Total Inorganic Nitrogen-Calc	<0.50	mg/l	0.50	mg/l	NTOTAL
7/5/2013	Influent	Total Kjeldahl Nitrogen	1.1	mg/l	0.10	mg/l	E351.2
7/5/2013	Effluent	Total Kjeldahl Nitrogen	0.69	mg/l	0.10	mg/l	E351.2
7/11/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
7/11/2013	Effluent	Total Kjeldahl Nitrogen	3.1	mg/l	0.10	mg/l	E351.2
7/15/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
7/15/2013	Effluent	Total Kjeldahl Nitrogen	1.7	mg/l	0.10	mg/l	E351.2
7/22/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
7/22/2013	Effluent	Total Kjeldahl Nitrogen	1.7	mg/l	0.10	mg/l	E351.2
7/30/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
7/30/2013	Effluent	Total Kjeldahl Nitrogen	2.3	mg/l	0.10	mg/l	E351.2
8/5/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
8/5/2013	Effluent	Total Kjeldahl Nitrogen	0.94	mg/l	0.10	mg/l	E351.2
8/12/2013	Influent	Total Kjeldahl Nitrogen	0.13 J	mg/l	0.10	mg/l	E351.2
8/12/2013	Effluent	Total Kjeldahl Nitrogen	3.7	mg/l	0.10	mg/l	E351.2
8/19/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
8/19/2013	Effluent	Total Kjeldahl Nitrogen	3.3	mg/l	0.10	mg/l	E351.2
8/26/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
8/26/2013	Effluent	Total Kjeldahl Nitrogen	2.3	mg/l	0.10	mg/l	E351.2
9/3/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
9/3/2013	Effluent	Total Kjeldahl Nitrogen	8.0	mg/l	0.10	mg/l	E351.2
9/9/2013	Influent	Total Kjeldahl Nitrogen	0.11 J	mg/l	0.10	mg/l	E351.2
9/9/2013	Effluent	Total Kjeldahl Nitrogen	5.3	mg/l	0.10	mg/l	E351.2
9/19/2013	Influent	Total Kjeldahl Nitrogen	0.55	mg/l	0.10	mg/l	E351.2
9/19/2013	Effluent	Total Kjeldahl Nitrogen	1.4	mg/l	0.10	mg/l	E351.2
9/24/2013	Influent	Total Kjeldahl Nitrogen	0.49 J	mg/l	0.10	mg/l	E351.2
9/24/2013	Effluent	Total Kjeldahl Nitrogen	0.81	mg/l	0.10	mg/l	E351.2
9/30/2013	Influent	Total Kjeldahl Nitrogen	<0.10	mg/l	0.10	mg/l	E351.2
9/30/2013	Effluent	Total Kjeldahl Nitrogen	3.9	mg/l	0.10	mg/l	E351.2
7/11/2013	Influent	Toxaphene	<0.24	ug/l	0.24	ug/l	E608
7/11/2013	Effluent	Toxaphene	<2.4	ug/l	2.4	ug/l	E608
7/11/2013	Influent	trans-1,2-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	trans-1,2-Dichloroethene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	trans-1,3-Dichloropropene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	trans-1,3-Dichloropropene	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Trichloroethene	0.22	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Trichloroethene	0.11	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Trichlorofluoromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Trichlorofluoromethane	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Vinyl Chloride	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Effluent	Vinyl Chloride	<0.050	ug/l	0.050	ug/l	E524.2
7/11/2013	Influent	Weak Acid Dissociable Cyanide	<0.017	mg/l	0.017	mg/l	SM 4500 CN-I
7/11/2013	Effluent	Weak Acid Dissociable Cyanide	<0.017	mg/l	0.017	mg/l	SM 4500 CN-I
7/11/2013	Influent	Zinc	0.013 J	mg/l	0.0090	mg/l	E200.7
7/11/2013	Effluent	Zinc	0.032	mg/l	0.0090	mg/l	E200.7

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent & Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
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¹ TestAmerica mistakenly analyzed the July 11, 2013 effluent grab sample for biochemical oxygen demand (BOD) instead of CBOD. Because TestAmerica reported that CBOD is a component of total BOD, the CBOD concentration would be equal to or less than the BOD concentration.

² Result of a rerun analysis performed significantly past hold time.

H: Sample was prepped or analyzed beyond the specified holding time.

* LCS or LCSD exceeds the control limits.

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

B: Compound was found in the blank and sample.

U: Analyte was not detected above the sample quantitation limit.

F: MS or MSD exceeds the control limits, or RPD of the MS and MSD exceeds the control limits.

NPDES Permit NV0023060 - 3rd Quarter 2013 - Influent and Effluent Perchlorate Analysis

<u>Sample Date</u>	<u>SampleID</u>	<u>Analyte</u>	<u>Result</u>		<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
7/6/2013	Effluent-Comp	Perchlorate	74		ug/l	4.8	ug/l	E314.0
7/13/2013	Effluent-Comp	Perchlorate	0.94	H	ug/l	0.5	ug/l	E331.0
7/20/2013	Effluent-Comp	Perchlorate	1.1		ug/l	0.5	ug/l	E331.0
7/27/2013	Effluent-Comp	Perchlorate	1.1		ug/l	0.5	ug/l	E331.0
8/3/2013	Effluent-Comp	Perchlorate	15.5*		ug/l	4.8	ug/l	E314.0
8/10/2013	Effluent-Comp	Perchlorate	9.3		ug/l	4.8	ug/l	E314.0
8/10/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/17/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/19/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/23/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/24/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/24/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/31/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
8/31/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
9/7/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
9/14/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
9/21/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
9/28/2013	Effluent-Comp	Perchlorate	<4.8		ug/l	4.8	ug/l	E314.0
7/6/2013	Influent-Comp	Perchlorate	100,000		ug/l	9500	ug/l	E314.0
7/13/2013	Influent-Comp	Perchlorate	120,000		ug/l	9500	ug/l	E314.0
7/20/2013	Influent-Comp	Perchlorate	120,000		ug/l	9500	ug/l	E314.0
7/27/2013	Influent-Comp	Perchlorate	110,000		ug/l	9500	ug/l	E314.0
8/3/2013	Influent-Comp	Perchlorate	130,000		ug/l	9500	ug/l	E314.0
8/10/2013	Influent-Comp	Perchlorate	110,000		ug/l	9500	ug/l	E314.0
8/17/2013	Influent-Comp	Perchlorate	130,000		ug/l	9500	ug/l	E314.0
8/24/2013	Influent-Comp	Perchlorate	120,000		ug/l	9500	ug/l	E314.0
8/31/2013	Influent-Comp	Perchlorate	130,000		ug/l	9500	ug/l	E314.0
9/7/2013	Influent-Comp	Perchlorate	110,000		ug/l	9500	ug/l	E314.0
9/14/2013	Influent-Comp	Perchlorate	120,000		ug/l	9500	ug/l	E314.0
9/21/2013	Influent-Comp	Perchlorate	120,000		ug/l	9500	ug/l	E314.0
9/28/2013	Influent-Comp	Perchlorate	130,000		ug/l	9500	ug/l	E314.0

H: Sample was prepped or analyzed beyond the specified holding time.

* Result shown is an average of duplicate analyses using the same method by TestAmerica and Eurofins (see next table).

Summary of July and August 2013 Weekly Composite and Daily Grab Sample Perchlorate Effluent Results Analyzed by a Nevada-Certified Laboratory

Week	Sample Date	Sample Name	Perchlorate Result (ug/L)		Date Analyzed	Data Used for 30-day Average (ug/L)	Analyzed by	Composited by	Notes
6/30 - 7/6	7/6/2013	Effluent-Comp	74		7/22/2013	74	TestAmerica	ETI	Upset conditions at the treatment plant resulted in diversions during the week of 6/30 - 7/6. According to Veolia, daily grab samples were not collected on 7/1, 7/2, and 7/6.
	8/15/2013 ¹	Effluent-Comp	91	H	8/16/2013		TestAmerica	ETI	
7/7 - 7/13	7/13/2013	Effluent-Comp	ND (<4.8)		7/25/2013		TestAmerica	ETI	Upset conditions continued at the treatment plant on 7/7. According to Veolia, a daily grab sample was not collected on 7/7.
	7/13/2013	Effluent-Comp	ND (<0.95)	H	8/16/2013		TestAmerica	ETI	
	7/13/2013	Effluent-Comp*	0.94	H	8/16/2013	0.94	Eurofins	ETI	
7/14 - 7/20	7/20/2013	Effluent-Comp	ND (<4.8)		7/29/2013		TestAmerica	ETI	
	7/20/2013	Effluent-Comp	ND (<0.95)		8/16/2013		TestAmerica	ETI	
	7/20/2013	Effluent-Comp*	1.1		8/16/2013	1.1	Eurofins	ETI	
7/21 - 7/27	7/27/2013	Effluent-Comp	ND (<4.8)		8/2/2013		TestAmerica	ETI	
	7/27/2013	Effluent-Comp	ND (<0.95)		8/16/2013		TestAmerica	ETI	
	7/27/2013	Effluent-Comp*	1.1		8/16/2013	1.1	Eurofins	ETI	
7/28 - 8/3	8/3/2013	Effluent-Comp	15		8/13/2013	15.5	TestAmerica	ETI	Upset conditions at the treatment plant resulted in diversions during the week of 7/28 - 8/3. According to ETI, daily grab samples were not collected on 7/31 and 8/1.
	8/3/2013	Effluent-Comp	16		8/20/2013		Eurofins	ETI	
	8/20/2013 ³	Effluent-Comp	73		8/20/2013		Eurofins	Eurofins	² ETI reported that an incorrect sample bottle was sent to the laboratory which was not the 8/2 daily grab effluent sample.
	7/28/2013	Effluent (07/28/13)	3.1	J	8/20/2013		Eurofins	--	³ Sample composited by Eurofins on 8/20/2013. The 7/29 grab sample bottle was received empty at the laboratory. The composite analyzed by Eurofins consisted of three daily grab samples (7/28, 7/30, 8/3) and the incorrect sample from 8/2.
	7/30/2013	Effluent (07/30/13)	2.2	J	8/20/2013		Eurofins	--	
	8/2/2013 ²	Effluent (08/02/13)	240		8/20/2013		Eurofins	--	
8/3/2013	Effluent (08/03/13)	44		8/20/2013		Eurofins	--		
8/4 - 8/10	8/10/2013	Effluent-Comp	9.3		8/19/2013		TestAmerica	ETI	
	8/10/2013	Effluent-Comp	ND (<4.8)		8/25/2013	2.4	TestAmerica	TestAmerica	
	8/4/2013	Effluent (08/04/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/5/2013	Effluent (08/05/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/6/2013	Effluent (08/06/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/7/2013	Effluent (08/07/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/8/2013	Effluent (08/08/13)	5.8		8/25/2013		TestAmerica	--	
	8/9/2013	Effluent (08/09/13)	6.0		8/25/2013		TestAmerica	--	
	8/10/2013	Effluent (08/10/13)	12		8/25/2013		TestAmerica	--	
	8/10/2013 ⁴	Effluent (08/10/13)	ND (<4.8)		8/27/2013		TestAmerica	--	
8/11 - 8/17	8/17/2013	Effluent-Comp	ND (<4.8)		8/22/2013		TestAmerica	ETI	
	8/17/2013	Effluent-Comp	ND (<4.8)		8/25/2013	2.4	TestAmerica	TestAmerica	
	8/11/2013	Effluent (08/11/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/12/2013	Effluent (08/12/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/13/2013	Effluent (08/13/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/14/2013	Effluent (08/14/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/15/2013	Effluent (08/15/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/16/2013	Effluent (08/16/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
8/17/2013	Effluent (08/17/13)	ND (<4.8)		8/25/2013		TestAmerica	--		
8/18 - 8/24	8/24/2013	Effluent-Comp	ND (<4.8)		9/3/2013		TestAmerica	ETI	⁵ At the request of the Trust, on August 23 ETI sent in the daily grab samples that had been collected up to that point for the week of 8/18 - 8/24. This composite sample thus represented a 6-day composite, instead of a 7-day composite.
	8/23/2013 ⁵	Effluent-Comp	ND (<4.8)		8/25/2013		TestAmerica	TestAmerica	
	8/24/2013	Effluent-Comp	ND (<4.8)		9/6/2013	2.4	TestAmerica	TestAmerica	
	8/18/2013	Effluent (08/18/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/19/2013	Effluent (08/19/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/20/2013	Effluent (08/20/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/21/2013	Effluent (08/21/13)	ND (<4.8)		8/25/2013		TestAmerica	--	
	8/22/2013	Effluent (08/22/13)	ND (<4.8)		8/26/2013		TestAmerica	--	
	8/23/2013	Effluent (08/23/13)	ND (<4.8)		8/26/2013		TestAmerica	--	
	8/24/2013	Effluent (08/24/13)	ND (<4.8)		9/6/2013		TestAmerica	--	
8/25 - 8/31	8/31/2013	Effluent-Comp	ND (<4.8)		9/12/2013		TestAmerica	ETI	
	8/31/2013	Effluent-Comp	ND (<4.8)		9/6/2013	2.4	TestAmerica	TestAmerica	
	8/25/2013	Effluent (8/25/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
	8/26/2013	Effluent (8/26/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
	8/27/2013	Effluent (8/27/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
	8/28/2013	Effluent (8/28/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
	8/29/2013	Effluent (8/29/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
	8/30/2013	Effluent (8/30/2013)	ND (<4.8)		9/6/2013		TestAmerica	--	
8/31/2013	Effluent (8/31/2013)	ND (<4.8)		9/6/2013		TestAmerica	--		

ETI = Envirogen Technologies, Inc., the current treatment plant operator

Veolia = Veolia Water North America, the former treatment plant operator

H: Sample was prepped or analyzed beyond the specified holding time.

J: The analyte was either detected at or greater than the SQL and less than the MRL, or did not meet any one of the required QC criteria.

* Sample analyzed by EPA Method 331.0, rather than 314.0.

NPDES Permit NV0023060 - 3rd Quarter 2013 - Wash Analytical Summary

Sample Date	Sample ID	Analyte	Result	Units	SQL	Units	Method
7/5/2013	LVW 0.55	Ammonia (as N)	2.9	mg/l	0.050	mg/l	E350.1
7/5/2013	LVW 5.5	Ammonia (as N)	<0.050	mg/l	0.050	mg/l	E350.1
7/5/2013	LVW 6.05	Ammonia (as N)	4.1	mg/l	0.10	mg/l	E350.1
7/5/2013	LVW Upgradient	Ammonia (as N)	2.0	mg/l	0.10	mg/l	E350.1
7/15/2013	LVW 0.55	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
7/15/2013	LVW 5.5	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/5/2013	LVW 0.55	Ammonia (as N)	0.57	mg/l	0.10	mg/l	E350.1
8/5/2013	LVW 5.5	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/19/2013	LVW 0.55	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
8/19/2013	LVW 5.5	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/3/2013	LVW 0.55	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/3/2013	LVW 5.5	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/17/2013	LVW 0.55	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/17/2013	LVW 5.5	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
7/5/2013	LVW 5.5	Boron	0.49	mg/l	0.020	mg/l	E200.7
7/5/2013	LVW 6.05	Boron	0.50	mg/l	0.020	mg/l	E200.7
7/5/2013	LVW Upgradient	Boron	0.49	mg/l	0.020	mg/l	E200.7
7/5/2013	LVW 5.5	Chloride	230	mg/l	20	mg/l	E300
7/5/2013	LVW 6.05	Chloride	230	mg/l	20	mg/l	E300
7/5/2013	LVW Upgradient	Chloride	210	mg/l	20	mg/l	E300
7/5/2013	LVW 5.5	Chromium (total)	<0.0020	mg/l	0.0020	mg/l	E200.7
7/5/2013	LVW 6.05	Chromium (total)	<0.0020	mg/l	0.0020	mg/l	E200.7
7/5/2013	LVW Upgradient	Chromium (total)	<0.0020	mg/l	0.0020	mg/l	E200.7
7/5/2013	LVW 5.5	Color	18	color unit	1.0	color unit	SM2120
7/5/2013	LVW 6.05	Color	18	color unit	1.0	color unit	SM2120
7/5/2013	LVW Upgradient	Color	20	color unit	1.0	color unit	SM2120
7/5/2013	LVW 5.5	Dissolved Solids (total)	1400	mg/l	10	mg/l	SM2540C
7/5/2013	LVW 6.05	Dissolved Solids (total)	1400	mg/l	10	mg/l	SM2540C
7/5/2013	LVW Upgradient	Dissolved Solids (total)	1400	mg/l	10	mg/l	SM2540C
7/5/2013	LVW 5.5	Iron	0.18 B	mg/l	0.015	mg/l	E200.7
7/5/2013	LVW 6.05	Iron	0.24 B	mg/l	0.015	mg/l	E200.7
7/5/2013	LVW Upgradient	Iron	0.23 B	mg/l	0.015	mg/l	E200.7
7/5/2013	LVW 5.5	Manganese	0.043	mg/l	0.0070	mg/l	E200.7
7/5/2013	LVW 6.05	Manganese	0.047	mg/l	0.0070	mg/l	E200.7
7/5/2013	LVW Upgradient	Manganese	0.046	mg/l	0.0070	mg/l	E200.7
7/5/2013	LVW 5.5	Nitrate	11	mg/l	0.40	mg/l	E300
7/5/2013	LVW 6.05	Nitrate	14	mg/l	4.0	mg/l	E300
7/5/2013	LVW Upgradient	Nitrate	14	mg/l	4.0	mg/l	E300
7/15/2013	LVW 5.5	Nitrate	9.7	mg/l	0.40	mg/l	E300
8/5/2013	LVW 5.5	Nitrate	11	mg/l	0.40	mg/l	E300
8/19/2013	LVW 5.5	Nitrate	7.9	mg/l	0.40	mg/l	E300
9/3/2013	LVW 5.5	Nitrate	8.2	mg/l	0.40	mg/l	E300
9/17/2013	LVW 5.5	Nitrate	10	mg/l	0.25	mg/l	E300
7/5/2013	LVW 5.5	Nitrate/Nitrite	11	mg/l	0.40	mg/l	E300
7/5/2013	LVW 6.05	Nitrate/Nitrite	14	mg/l	4.0	mg/l	E300
7/5/2013	LVW Upgradient	Nitrate/Nitrite	14	mg/l	4.0	mg/l	E300
7/15/2013	LVW 5.5	Nitrate/Nitrite	9.7	mg/l	0.55	mg/l	E300
8/5/2013	LVW 5.5	Nitrate/Nitrite	11	mg/l	0.55	mg/l	E300
8/19/2013	LVW 5.5	Nitrate/Nitrite	7.9	mg/l	0.55	mg/l	E300
9/3/2013	LVW 5.5	Nitrate/Nitrite	8.2	mg/l	0.55	mg/l	E300
9/17/2013	LVW 5.5	Nitrate/Nitrite	10	mg/l	0.35	mg/l	E300
7/5/2013	LVW 5.5	Nitrite	<0.11	mg/l	0.11	mg/l	E300
7/5/2013	LVW 6.05	Nitrite	<0.11	mg/l	0.11	mg/l	E300
7/5/2013	LVW Upgradient	Nitrite	<0.11	mg/l	0.11	mg/l	E300
7/15/2013	LVW 5.5	Nitrite	<0.55	mg/l	0.55	mg/l	E300
8/5/2013	LVW 5.5	Nitrite	<0.55	mg/l	0.55	mg/l	E300
8/19/2013	LVW 5.5	Nitrite	<0.55	mg/l	0.55	mg/l	E300
9/3/2013	LVW 5.5	Nitrite	<0.55	mg/l	0.55	mg/l	E300
9/17/2013	LVW 5.5	Nitrite	<0.35	mg/l	0.35	mg/l	E300
7/5/2013	LVW 0.55	Perchlorate	45	ug/l	4.8	ug/l	E314.0
7/5/2013	LVW 5.5	pH	7.8	s.u.	0.10	s.u.	SM2120
7/5/2013	LVW 6.05	pH	7.8	s.u.	0.10	s.u.	SM2120
7/5/2013	LVW Upgradient	pH	7.7	s.u.	0.10	s.u.	SM2120
7/5/2013	LVW 0.55	Phosphorus (total)	0.077	mg/l	0.020	mg/l	E365.3
7/15/2013	LVW 0.55	Phosphorus (total)	0.13	mg/l	0.020	mg/l	E365.3
8/5/2013	LVW 0.55	Phosphorus (total)	0.10	mg/l	0.020	mg/l	E365.3
8/19/2013	LVW 0.55	Phosphorus (total)	0.17	mg/l	0.020	mg/l	E365.3
9/3/2013	LVW 0.55	Phosphorus (total)	1.1	mg/l	0.20	mg/l	E365.3
9/17/2013	LVW 0.55	Phosphorus (total)	0.16	mg/l	0.020	mg/l	E365.3

NPDES Permit NV0023060 - 3rd Quarter 2013 - Wash Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
7/5/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
7/5/2013	LVW 6.05	Total Inorganic Nitrogen-Calc	18	mg/l	0.50	mg/l	NTOTAL
7/5/2013	LVW Upgradient	Total Inorganic Nitrogen-Calc	16	mg/l	0.50	mg/l	NTOTAL
7/15/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	9.7	mg/l	0.50	mg/l	NTOTAL
8/5/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL
8/19/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	7.9	mg/l	0.50	mg/l	NTOTAL
9/3/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	8.2	mg/l	0.50	mg/l	NTOTAL
9/17/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	10	mg/l	0.50	mg/l	NTOTAL

B: Compound was found in the blank and sample.

NPDES Permit NV0023060 - 3rd Quarter 2013 - Wash Mixing Zone Evaluation

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>	<u>Mix Zone Limits</u>
7/5/2013	LVW 5.5	Dissolved Solids (total)	1400	mg/l	10	mg/l	SM2540C	2400 mg/l
7/5/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL	17 mg/l
7/15/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	9.7	mg/l	0.50	mg/l	NTOTAL	"
8/5/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/l	0.50	mg/l	NTOTAL	"
8/19/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	7.9	mg/l	0.50	mg/l	NTOTAL	"
9/3/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	8.2	mg/l	0.50	mg/l	NTOTAL	"
9/17/2013	LVW 5.5	Total Inorganic Nitrogen-Calc	10	mg/l	0.50	mg/l	NTOTAL	"

NPDES Permit NV0023060 - 3rd Quarter 2013 - Upgradient Monitoring Well Analytical Summary

<u>Sample Date</u>	<u>SampleID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>Units</u>	<u>Method</u>
9/5/2013	M-10	Ammonia (as N)	<0.10	mg/l	0.10	mg/l	E350.1
9/5/2013	M-10	Boron	3.0	mg/l	0.020	mg/l	E200.7
9/5/2013	M-10	Chlorate	96000	ug/l	8000	ug/l	E300.1
9/5/2013	M-10	Chloride	150	mg/l	40	mg/l	E300
9/5/2013	M-10	Chromium (total)	0.50	mg/l	0.0020	mg/l	E200.7
9/5/2013	M-10	Chromium VI	45 H	ug/l	0.25	ug/l	E218.6
9/5/2013	M-10	Dissolved Solids (total)	2800	mg/l	10	mg/l	SM2540C
9/5/2013	M-10	Iron	6.6	mg/l	0.015	mg/l	E200.7
9/5/2013	M-10	Manganese	0.28	mg/l	0.0070	mg/l	E200.7
9/5/2013	M-10	Nitrate	1.7	mg/l	0.40	mg/l	E300
9/5/2013	M-10	Nitrate/Nitrite	1.7	mg/l	0.55	mg/l	E300
9/5/2013	M-10	Nitrite	<0.55	mg/l	0.55	mg/l	E300
9/5/2013	M-10	Perchlorate	11000	ug/l	950	ug/l	E314.0
9/5/2013	M-10	pH	6.94 HF	s.u.	0.100	s.u.	SM4500-H+
9/5/2013	M-10	Total Inorganic Nitrogen-Calc	1.7	mg/l	0.50	mg/l	NTOTAL

H: Sample was prepped or analyzed beyond the specified holding time.

F: MS or MSD exceeds the control limits, or RPD of the MS and MSD exceeds the control limits.

NPDES Permit NV0023060 - 3rd Quarter 2013 - FBR Solids Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>SQL</u>	<u>DL Units</u>	<u>Method</u>
7/1/2013	FBR Biological Solids	4,4'-DDD	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	4,4'-DDE	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	4,4'-DDT	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Aldrin	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	alpha-BHC	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	alpha-Chlordane	<410	ug/kg	410	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Aroclor-1016	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1221	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1232	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1242	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1248	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1254	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Aroclor-1260	<120	ug/kg	120	ug/kg	SW8082
7/1/2013	FBR Biological Solids	Arsenic	120	mg/kg	0.80	mg/kg	SW6010
7/1/2013	FBR Biological Solids	beta-BHC	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Cadmium	<0.20	mg/kg	0.20	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Chlordane (total)	<2100	ug/kg	2100	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Chromium (total)	180	mg/kg	0.30	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Copper	71	mg/kg	0.37	mg/kg	SW6010
7/1/2013	FBR Biological Solids	delta-BHC	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Dieldrin	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endosulfan I	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endosulfan II	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endosulfan sulfate	<410	ug/kg	410	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endrin	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endrin aldehyde	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Endrin ketone	<410	ug/kg	410	ug/kg	SW8081
7/1/2013	FBR Biological Solids	gamma-BHC	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	gamma-Chlordane	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Heptachlor	<410	ug/kg	410	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Heptachlor epoxide	<410	ug/kg	410	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Lead	<0.49	mg/kg	0.49	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Mercury	<0.012	mg/kg	0.012	mg/kg	SW7471
7/1/2013	FBR Biological Solids	Methoxychlor	<310	ug/kg	310	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Molybdenum	340	mg/kg	0.20	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Nickel	10	mg/kg	0.20	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Selenium	20	mg/kg	0.99	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Silver	<0.79	mg/kg	0.79	mg/kg	SW6010
7/1/2013	FBR Biological Solids	Toxaphene	<10000	ug/kg	10000	ug/kg	SW8081
7/1/2013	FBR Biological Solids	Zinc	110	mg/kg	0.49	mg/kg	SW6010

ATTACHMENT 3

Supporting Analytical Reports



I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein, exceptions and corresponding justifications are provided in the tables.

Kimberly Kuwabara
Kimberly Kuwabara, CEM 2353, exp 3-20-15

ATTACHMENT 4

FBR Solids Report (Analytical report also included on CD in Attachment 3)



Sludge Report 3rd
Qtr 2013.xls



TestAmerica FBR
Solids Q3 13.pdf



October 4, 2013

Nevada Environmental Response Trust (NERT) site, Henderson, NV

Kimberly Schmidt Kuwabara
Senior Manager
ENVIRON International Corporation
2200 Powell Street | Suite 700
Emeryville, CA 94608

RE: FBR Sludge 3rd Quarter 2013 Reporting

Via email

Dear Kim,

The NPDES Permit No. NV0023060 section I.A.20 requires facilities that generate and dispose of sludge to monitor certain constituents; the frequency of monitoring depends upon the amount of sludge produced. Facilities that generate from >0 to <290 dry metric tons per year (tpy) are required to submit annual sludge reports. The solids production at the NERT facility falls within the annual reporting requirement, however quarterly monitoring is conducted.

The FBR Perchlorate Reduction Process generated 31.23 dry metric tons of sludge in the 3rd Quarter of 2013. This extrapolates to an expected production of 124.91 metric TPY of dry FBR sludge.

Attached for your review is the 3rd Quarter 2013 sludge monitoring results. Metals are reported in mg/kg of dry sludge and Pesticides and PCB's are reported in ug/kg of dry sludge. Based on TestAmerica analysis (Job ID: 440-50639-1).

Please contact me if there are any questions.

Sincerely,

A handwritten signature in black ink that reads "Wendy Prescott". The signature is fluid and cursive, with a large loop at the end of the last name.

Wendy Prescott, Project Manager
Envirogen Technologies, INC.

CC: Via email w/o attachments

Calculation of Metric Tons of Dry Solids Produced at the FBR

3rd Qtr 2013

VWNA Operation's Input Required:

	Jul	Aug	Sep
Average % solids of filter press cake	22.78%	20.28%	19.74%
Republic's information on tons of solids hauled,	59.2	53.81	64.37
Less Iron Oxide Sludge, Tons	11.78	0	0
==> Wet Tons of FBR Biological solids	47.42	53.81	64.37
==> Wet Metric Tons of FBR Biological solids	43.02	48.82	58.40
==> Metric Tons of DRY FBR Biological solids	9.80	9.90	11.53
==> Average MTPD of dry FBR Biological Solids	0.33	0.32	0.38

Note: the permit requires quarterly monitoring for Facilities which produce >290 and <1500 metric tons of dry solids per year.

39.20 39.60 46.11

Total Metric Tons

31.23

124.91

Client Sample Results

Client: Envirogen Technologies Inc
Project/Site: NERT - Quarterly

TestAmerica Job ID: 440-50639-1

Client Sample ID: FBR Biological Solids

Lab Sample ID: 440-50639-1

Date Collected: 07/01/13 12:15

Matrix: Solid

Date Received: 07/02/13 09:50

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
alpha-BHC	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
alpha-Chlordane	ND		1000	410	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
beta-BHC	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Chlordane (technical)	ND		10000	2100	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
4,4'-DDD	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
4,4'-DDE	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
4,4'-DDT	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
delta-BHC	ND		2100	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Dieldrin	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endosulfan I	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endosulfan II	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endosulfan sulfate	ND		2100	410	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endrin	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endrin aldehyde	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Endrin ketone	ND		1000	410	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
gamma-BHC (Lindane)	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
gamma-Chlordane	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Heptachlor	ND		1000	410	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Heptachlor epoxide	ND		1000	410	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Methoxychlor	ND		1000	310	ug/Kg		07/03/13 09:26	07/08/13 17:25	20
Toxaphene	ND		41000	10000	ug/Kg		07/03/13 09:26	07/08/13 17:25	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		45 - 120	07/03/13 09:26	07/08/13 17:25	20
Tetrachloro-m-xylene	57		35 - 115	07/03/13 09:26	07/08/13 17:25	20

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1221	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1232	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1242	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1248	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1254	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1
Aroclor 1260	ND		510	120	ug/Kg		07/03/13 09:26	07/10/13 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		45 - 120	07/03/13 09:26	07/10/13 11:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		2.0	0.80	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Cadmium	ND		0.49	0.20	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Chromium	180		0.99	0.30	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Copper	71		2.0	0.37	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Lead	ND		2.0	0.49	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Molybdenum	340		2.0	0.20	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Nickel	10		2.0	0.20	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Selenium	20		2.0	0.99	mg/Kg		07/05/13 08:07	07/05/13 17:04	5

TestAmerica Irvine

Client Sample Results

Client: Envirogen Technologies Inc
 Project/Site: NERT - Quarterly

TestAmerica Job ID: 440-50639-1

Client Sample ID: FBR Biological Solids

Lab Sample ID: 440-50639-1

Date Collected: 07/01/13 12:15

Matrix: Solid

Date Received: 07/02/13 09:50

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.99	0.79	mg/Kg		07/05/13 08:07	07/05/13 17:04	5
Zinc	110		4.9	0.49	mg/Kg		07/05/13 08:07	07/05/13 17:04	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.012	mg/Kg		07/06/13 10:31	07/08/13 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	76		0.10	0.10	%			07/02/13 22:19	1