



January 23, 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 – 4th Quarter 2012

Dear NPDES Compliance Coordinator:

The Nevada Environmental Response Trust (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 October, November and December 2012 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 biological perchlorate remediation process continued to demonstrate compliance with the monthly average perchlorate concentration limitation of 18 µg/L (ppb). 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.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.

As required by permit condition I.B.1.a, included with this fourth quarter report are analytical graphs for both the process samples (influent and effluent locations) as well as the Las Vegas Wash control point, LVW 5.5 or Telephone Line Road. Annual analytical graphs are included as Attachment 5.

Should you have any questions concerning this report, please contact Kimberly Kuwabara at (510) 420-2525 or kkuwabara@environcorp.com or Susan Crowley at (702) 592-7727 or smcrowley@cox.net. Thank you.

NPDES Compliance Coordinator

-2-

January 23, 2013

Sincerely,



Kimberly Kuwabara, M.S.
Manager



Allan J. DeLorme, P.E.
Managing Principal

Overnight Mail
Attachments

cc: Please see attached distribution sheet



Distribution Sheet -
2012 4th Q NPDES NV

smc/2012 4th Q NPDES NV 0023060 - Environ Cvr Ltr.docx

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Brown	Veolia Veolia		X
Stowers			
Sahu	Broadbent BMI		
Crouse	Syngenta		
Erickson	Stauffer		
Kelly	Montrorse		
Sundberg	Montrorse		
Gibson	AmPac		
Richards	Olin		
Bellotti	Olin		
Wilkinson	Timet		
Mack	Montrorse Counsel		

NPDES Permit NV0023060 – 4th Q 2012 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.

Susan Crowley 1-21-13

Susan Crowley
CEM 1428, expires 3-8-13

ATTACHMENT 1

Discharge Monitoring Reports (DMR)



October 2012
DMR.xls

October 2012



November 2012
DMR.xls

November 2012



December 2012
DMR.xls

December 2012

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
Address: CO Veolia Water NA
510 Fourth Street
Henderson, NV, 89015

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
PERMIT NUMBER
001
DISCHARGE NUMBER

Facility: Nevada Environmental Response Trust

Location: Henderson, NV

Attn: Susan M. Crowley

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
12	10	01	12	10	31

NO DISCHARGE

NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	7 Day Average	30 Day Ave (mg/l)	7 Day Ave (mg/l)				
Flow	1.31	1.33	*****	*****	MGD	0	Cont	Flow Meter
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****			
	*****	*****	*****	*****	*****			
BOD5 (Inhibited)	*****	*****	1.0	1.0	MG/L	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
	*****	*****	2.9	6.0	31.35	0	Weekly	Discrete
Effluent	*****	*****	25 mg/L	40 mg/L	254 lbs/day			
	*****	*****	150	150	1,641	0	Weekly	Comp
Percchlorate FBR	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
	*****	*****	0.69	2.00	0.01	0	Weekly	Comp
Influent	*****	*****	18 ug/l	6.9	0.22 lbs/day			
	*****	*****	6.8	6.9	*****	0	Weekly	Discrete
Percchlorate FBR	*****	*****	6.5 Minimum	9.0 Maximum	*****			
	*****	*****	0.059	0.100	0.640	0	Weekly	Discrete
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
	*****	*****	*****	*****	*****			
pH	*****	*****	*****	*****	SU	0	Weekly	Discrete
Hexavalent Chormium	*****	*****	*****	*****	*****			
	*****	*****	*****	*****	*****			
Influent	*****	*****	*****	*****	*****			
	*****	*****	*****	*****	*****			

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.

Susan Crowley
SIGNATURE OF PRICIPAL EXECUTIVE

702
AREA CODE
592-7727
NUMBER
2013
YEAR
January
MONTH
21
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: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
 PERMIT NUMBER

001
 DISCHARGE NUMBER

NO DISCHARGE

NOTE: Read instructions before completing this form

FROM 12 10 01 TO 12 10 31

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	7 Day Average	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Hexavalent Chromium	MEASUREMENT	*****	0.000	0.000	0.000	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.01 mg/l	Monitor & Report	Monitor & Report			
Effluent	MEASUREMENT	*****	0.069	0.120	0.746	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	Monitor & Report	Monitor & Report	Monitor & Report			
Total Chromium	MEASUREMENT	*****	0.010	0.011	0.112	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	0.1 mg/l	Monitor & Report	Monitor & Report			
Effluent	MEASUREMENT	*****	17.40	26.00	190.06	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	135 mg/l	Monitor & Report	1,634 lbs/day	Monitor & Report			
Total Suspended Solids	MEASUREMENT	*****	3.30	5.00	35.87	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	10 mg/l	Monitor & Report	121.03 lbs/day	Monitor & Report			
Iron, Total	MEASUREMENT	*****	0.70	*****	7.69	MG/L	0	Quarterly	Discrete
	PERMIT REQUIREMENT	*****	5 mg/l	NA	60.52 lbs/day	Monitor & Report			
Effluent	MEASUREMENT	*****	0.214	0.930	2.320	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	*****	Monitor & Report	Monitor & Report	Monitor & Report	Monitor & Report			
Total Phosphorus, as P	MEASUREMENT	*****							
	PERMIT REQUIREMENT	*****							
Influent	MEASUREMENT	*****							
	PERMIT REQUIREMENT	*****							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley		SIGNATURE OF PRINCIPAL EXECUTIVE		TELEPHONE		DATE			
CEM 1428, exp 3-8-13		TYPED OR PRINTED		702 592-7727		2013 January 21		21	
				AREA NUMBER		YEAR MONTH DAY			
				OFFICER OR AUTHORIZED AGENT					

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.

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510 Fourth Street

Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV

Attn: Susan M. Crowley

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NV 0023060

PERMIT NUMBER

001

DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
12	10	01	12	10	31

FROM

TO

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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Total Phosphorus, as P	*****	*****	****	0.524	0.930	5.709	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	20 lbs/day				
Total Ammonia, as N	*****	*****	****	0.08	0.17	0.87	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	*****	*****	****	9	10	*****	ACU	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	*****				
Color	*****	*****	****	16.00	25.00	*****	ACU	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	*****				
Total Inorganic Nitrogen, as N	*****	*****	****	13.20	14.00	144.02	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Inorganic Nitrogen, as N	*****	*****	****	0.20	0.20	2.18	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
CEM 1428, exp 3-8-13
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
TELEPHONE
702 592-7727
AREA NUMBER
702 592-7727
DATE
2013 January 21
OFFICER OR AUTHORIZED AGENT

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NV 0023060 PERMIT NUMBER 001 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY
 12 10 01 12 10 31

NO DISCHARGE
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PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Sulfate	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	1,450	16,032	0	Monthly	Discrete
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Sulfate	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	1,400	15,482	0	Monthly	Discrete
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Total Dissolved Solids	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	5,700	62,622	0	Quarterly	Discrete
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Total Dissolved Solids	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	5,400	59,326	0	Quarterly	Discrete
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Sulfide	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	0.01	0.13	0	Monthly	Discrete
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Sulfide	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	0.01	0.13	0	Monthly	Discrete
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			
Oil & Grease	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	0.66	7.25	0	Quarterly	Discrete
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	Monitor & Report	Monitor & Report			

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
 CEM 1428, exp 3-8-13
 TYPED OR PRINTED

TELEPHONE
 592-7727
 AREA NUMBER
 702 592-7727
 CODE NUMBER
 702
 SIGNATURE OF PRINCIPAL EXECUTIVE
Susan Crowley
 OFFICER OR AUTHORIZED AGENT

DATE
 2013
 21
 MONTH
 DAY

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

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DISCHARGE MONITORING REPORT (DMR)

NV 0023060
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MONITORING PERIOD			
YEAR	MO	DAY	
12	10	01	
FROM	TO	YEAR	MO
		12	10
		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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Oil & Grease	*****	*****	****	*****	2.20	24.17	MG/L	0	Quarterly	Discrete
Effluent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Boron	*****	*****	****	*****	2.60	28.56	MG/L	0	Quarterly	Discrete
Effluent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Dissolved Oxygen	*****	*****	****	*****	6.56	72.14	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Nitrate as N	*****	*****	****	*****	0.12	1.30	MG/L	0	Monthly	Discrete
Effluent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Kjeldahl Nitrogen as N	*****	*****	****	*****	0.18	1.99	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Kjeldahl Nitrogen as N	*****	*****	****	*****	1.29	14.12	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	*****	Monitor & Report	Monitor & Report				
Chloride	*****	*****	****	*****	1,700	18,677	MG/L	0	Quarterly	Discrete
Influent	*****	*****	****	*****	Monitor & Report	Monitor & Report				

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Susan Crowley
 CEIM 1428, exp 3-8-13
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER

 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 DATE
 702 592-7727
 2013 January 21
 AREA NUMBER YEAR MONTH DAY

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

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NV 0023060
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MONITORING PERIOD

FROM 12 10 01 TO 12 10 31
YEAR MO DAY YEAR MO DAY

NO DISCHARGE
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PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Chloride	*****	*****	****	*****	*****	20,874	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	2,507	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chlorate	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Influent	*****	*****	****	*****	*****	0.01	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chlorate	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chloride	*****	*****	****	*****	*****	20,874	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	2,507	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chlorate	*****	*****	****	*****	*****	2,507	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Influent	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chlorate	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chloride	*****	*****	****	*****	*****	20,874	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	2,507	MG/L	0	Monthly	Discrete
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Chlorate	*****	*****	****	*****	*****	2,507	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Influent	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Chlorate	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				
Effluent	*****	*****	****	*****	*****	0.06	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report				

S.M. Crowley
SIGNATURE OF PRICIPAL EXECUTIVE

702
AREA CODE
592-7727
NUMBER
OFFICER OR AUTHORIZED AGENT

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.

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CEM 1428, exp 3-8-13
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 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY
 12 11 01 12 11 30

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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Flow	1.33	1.36	MGD	*****	*****	*****	0	Cont	Flow Meter
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****	*****			
BOD5 (Inhibited)	*****	*****	****	1.0	1.0	11.18	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			
BOD5 (Inhibited)	*****	*****	****	3.7	7.3	42.03	0	Weekly	Discrete
Effluent	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day			
Perchlorate FBR	*****	*****	****	150	160	1,663	0	Weekly	Comp
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			
Perchlorate FBR	*****	*****	****	1.14	3.80	0.01	0	Weekly	Comp
Effluent	*****	*****	****	18 ug/l	Monitor & Report	0.22 lbs/day			
pH	*****	*****	****	6.8	6.9	*****	0	Weekly	Discrete
Effluent	*****	*****	****	6.5 Minimum	9.0 Maximum	*****			
Hexavalent Chromium	*****	*****	****	0.134	0.340	1.509	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
 CEM 1428, exp 3-8-13
 TYPED OR PRINTED

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.

TELEPHONE
 702 592-7727
 AREA NUMBER

DATE
 2013 January 16
 YEAR MONTH DAY

SIGNATURE OF PRINCIPAL EXECUTIVE
Susan Crowley
 OFFICER OR AUTHORIZED AGENT

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: CO Veolia Water NA
510 Fourth Street
Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV

Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060

PERMIT NUMBER

001

DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
12	11	01	12	11	30

FROM

TO

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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Hexavalent Chromium	*****	*****	****	0.000	0.000	0.001	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	0.01 mg/l	Monitor & Report				
Total Chromium	*****	*****	****	0.138	0.340	1.546	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Chromium	*****	*****	****	0.008	0.013	0.093	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	0.1 mg/l	Monitor & Report				
Total Suspended Solids	*****	*****	****	16.50	20.00	185.04	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	135 mg/l	Monitor & Report	1,634 lbs/day				
Iron, Total	*****	*****	****	1.92	3.20	21.43	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	0.032	0.320	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
<p>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.</p>										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER							TELEPHONE		DATE	
Susan Crowley							702 592-7727		2013 January 16	
CEM 1428, exp 3-8-13							702 AREA CODE		2013 YEAR	
TYPED OR PRINTED							NUMBER		MONTH	
							592-7727		16	
							OFFICER OR AUTHORIZED AGENT		DAY	

S.M. Crowley
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
* Analyte sampling frequency is quarterly. Please see the October 2012 DMR for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS
 Name: Nevada Environmental Response Trust
 Address: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 12 11 01 TO 12 11 30
 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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Total Phosphorus, as P	*****	*****	****	0.185	0.440	2.108	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	20 lbs/day				
Total Ammonia, as N	*****	*****	****	0.11	0.23	1.28	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	*****	*****	****	11	15	*****	ACU	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	*****				
Color	*****	*****	****	23.75	30.00	*****	ACU	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report	*****				
Total Inorganic Nitrogen, as N	*****	*****	****	13.75	15.00	154.35	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Inorganic Nitrogen, as N	*****	*****	****	0.21	0.23	2.33	MG/L	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		TELEPHONE			DATE					
Susan Crowley		592-7727			2013					
CEM 1428.exp 3-8-13		702			January					
TYPED OR PRINTED		NUMBER			YEAR					
		592-7727			2013					
		AREA			MONTH					
		CODE			January					
					16					
					MONTH					
					DAY					
					16					

Susan Crowley
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER OR AUTHORIZED AGENT

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: CO Veolia Water NA

510 Fourth Street
Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
Location: Henderson, NV
Attr: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV.0023060 PERMIT NUMBER 001 DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 12 MO 11 DAY 01 TO YEAR 12 MO 11 DAY 30

NO DISCHARGE

NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	UNITS			
Sulfate	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Influent	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Sulfate	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Effluent	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Influent	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Total Dissolved Solids	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Effluent	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Sulfide	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	0.13			
Influent	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Sulfide	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	0.13			
Effluent	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Oil & Grease	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete
	*****	*****	****	*****	*****	Monitor & Report			
Influent	*****	*****	****	*****	*****	MG/L	0	Quarterly	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
Susan Crowley
CEM 1428_exp 3-8-13
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
Susan Crowley

OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

702 592-7727 2013 January 16
AREA NUMBER YEAR MONTH DAY

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
* Analyte sampling frequency is quarterly. Please see the October 2012 DMR for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
Address: CO Veolia Water NA

510 Fourth Street

Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV

Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060

PERMIT NUMBER

001

DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
12	11	01	12	11	30

FROM

TO

NO DISCHARGE

NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	30 Day Ave	7 Day Average	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	*****	*****	7.00	7.90	79.09	0	Weekly	Discrete
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
Nitrate as N	*****	*****	0.09	*****	1.05	0	Monthly	Discrete
Effluent	*****	*****	Monitor & Report	*****	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	0.04	0.11	0.50	0	Weekly	Discrete
Influent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
Kjeldahl Nitrogen as N	*****	*****	0.98	2.20	11.01	0	Weekly	Discrete
Effluent	*****	*****	Monitor & Report	Monitor & Report	Monitor & Report			
Chloride	*****	*****	*	*****	*	0	Quarterly	Discrete
Influent	*****	*****	Monitor & Report	*****	Monitor & Report			
<small>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 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.</small>								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley			SIGNATURE OF PRINCIPAL EXECUTIVE <i>Susan Crowley</i>			TELEPHONE		
CEM 1428_exp 3-8-13			702			592-7727		
TYPED OR PRINTED			OFFICER OR AUTHORIZED AGENT			DATE		
			AREA CODE			YEAR MONTH DAY		
			NUMBER			2013 16		

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
* Analyte sampling frequency is quarterly. Please see the October 2012 DMR for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
 DISCHARGE NUMBER 001

MONITORING PERIOD

FROM YEAR 12 MO 11 DAY 01 TO YEAR 12 MO 11 DAY 30

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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				UNITS	
Chloride	*****	*****	****	*****	*****	*	0	Quarterly	Discrete		
Effluent	*****	*****	****	*****	*****	Monitor & Report					
Chlorate	*****	*****	****	*****	*****	215	0	Monthly	Discrete		
Influent	*****	*****	****	*****	*****	Monitor & Report					
Chlorate	*****	*****	****	*****	*****	0.03	0	Monthly	Discrete		
Effluent	*****	*****	****	*****	*****	Monitor & Report					
	*****	*****	****	*****	*****		0				
	*****	*****	****	*****	*****						
	*****	*****	****	*****	*****		0				
	*****	*****	****	*****	*****						
	*****	*****	****	*****	*****						
	*****	*****	****	*****	*****						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley CEM 1428. 0X0 3-8-13 TYPED OR PRINTED											
TELEPHONE SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											
							702	592-7727	2013	January	16
							AREA CODE	NUMBER	YEAR	MONTH	DAY

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Analyte sampling frequency is quarterly. Please see the October 2012 DMR for analyte information.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
 PERMIT NUMBER
 001
 DISCHARGE NUMBER

MONITORING PERIOD
 YEAR MO DAY TO YEAR MO DAY
 12 12 01 TO 12 12 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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)			
Flow	1.33	1.36	MGD	*****	*****	*****	0	Cont	Flow Meter
Effluent	1.45 MGD Maximum	1.75 MGD Maximum	*****	*****	*****	*****	0		
BOD5 (Inhibited)	*****	*****	****	1.0	1.0	11.02	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		
BOD5 (Inhibited)	*****	*****	****	2.8	3.7	31.17	0	Weekly	Discrete
Effluent	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day	0		
Perchlorate FBR	*****	*****	****	170	170	1,858	0	Weekly	Comp
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		
Perchlorate FBR	*****	*****	****	0.35	0.64	0.00	0	Weekly	Comp
Effluent	*****	*****	****	18 ug/l	Monitor & Report	0.22 lbs/day	0		
pH	*****	*****	****	6.9	7.1	*****	0	Weekly	Discrete
Effluent	*****	*****	****	6.5 Minimum	9.0 Maximum	*****	0		
Hexavalent Chromium	*****	*****	****	0.080	0.089	0.901	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report	0		

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
Susan Crowley
 CEM 1428, exp 3-8-13
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
 OFFICER OR AUTHORIZED AGENT

TELEPHONE
 DATE
 702 592-7727
 2012 January 22
 AREA 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: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)
 NV.0023060
 PERMIT NUMBER

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 FROM 12 12 01 TO 12 12 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	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)			
Hexavalent Chromium	*****	*****	****	0.000	0.000	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report			
Total Chromium	*****	*****	****	0.087	0.097	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report			
Total Chromium	*****	*****	****	0.014	0.017	0	Weekly	Discrete
Effluent	*****	*****	****	Monitor & Report	Monitor & Report			
Total Suspended Solids	*****	*****	****	15.00	16.00	0	Weekly	Discrete
Effluent	*****	*****	****	135 mg/l	Monitor & Report			
Iron, Total	*****	*****	****	3.28	4.40	0	Weekly	Discrete
Effluent	*****	*****	****	10 mg/l	Monitor & Report			
Manganese	*****	*****	****	*	*****	0	Quarterly	Discrete
Effluent	*****	*****	****	5 mg/l	NA			
Total Phosphorus, as P	*****	*****	****	0.027	0.029	0	Weekly	Discrete
Influent	*****	*****	****	Monitor & Report	Monitor & Report			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley		SIGNATURE OF PRINCIPAL EXECUTIVE <i>S.M. Crowley</i>		TELEPHONE		DATE		
CEM 1428, exp 3-8-13		OFFICER OR AUTHORIZED AGENT		AREA CODE		YEAR		MONTH
TYPED OR PRINTED				NUMBER		2012		22
				702		592-7727		January
								DAY

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * This analyte is monitored on a quarterly frequency. Please see the October 2012 DMR for information about this analyte.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
Address: CO Veolia Water NA

510 Fourth Street
Henderson, NV. 89015

Facility: Nevada Environmental Response Trust
Location: Henderson, NV
Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060
PERMIT NUMBER

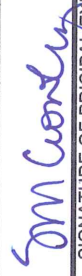
001
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
12	12	01	12	12	31

FROM TO

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	7 Day Average	UNITS	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)	UNITS			
Total Phosphorus, as P	*****	*****	****	****	0.183	0.380	2.083	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	****	Monitor & Report	Monitor & Report	20 lbs/day				
Total Ammonia, as N	*****	*****	****	****	0.06	0.22	0.71	MG/L	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	*****	*****	****	****	8	10	*****	ACU	0	Weekly	Discrete
Influent	*****	*****	****	****	Monitor & Report	Monitor & Report	*****				
Color	*****	*****	****	****	18.75	30.00	*****	ACU	0	Weekly	Discrete
Effluent	*****	*****	****	****	Monitor & Report	Monitor & Report	*****				
Total Inorganic Nitrogen, as N	*****	*****	****	****	14.75	15.00	166.09	MG/L	0	Weekly	Discrete
Influent	*****	*****	****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Total Inorganic Nitrogen, as N	*****	*****	****	****	0.21	0.22	2.31	MG/L	0	Weekly	Discrete
Effluent	*****	*****	****	****	Monitor & Report	Monitor & Report	Monitor & Report				
<small>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.</small>											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley CEM 1428, exp 3-8-13 TYPED OR PRINTED											
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  OFFICER OR AUTHORIZED AGENT											
TELEPHONE DATE											
AREA NUMBER YEAR MONTH DAY											
CODE NUMBER YEAR 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: CO Veolia Water NA
510 Fourth Street
Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV

Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060

PERMIT NUMBER

001

DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
12	12	01	12	12	31

FROM

TO

NO DISCHARGE
NOTE: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day)				UNITS
Sulfate	*****	*****	****	*****	*****	1,400	MG/L	0	Monthly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report				
Sulfate	*****	*****	****	*****	*****	1,300	MG/L	0	Monthly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report				
Total Dissolved Solids	*****	*****	****	*****	*****	★	MG/L	0	Quarterly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report				
Total Dissolved Solids	*****	*****	****	*****	*****	★	MG/L	0	Quarterly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report				
Sulfide	*****	*****	****	*****	*****	0.01	MG/L	0	Monthly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report				
Sulfide	*****	*****	****	*****	*****	0.13	MG/L	0	Monthly	Discrete
Effluent	*****	*****	****	*****	*****	Monitor & Report				
Oil & Grease	*****	*****	****	*****	*****	★	MG/L	0	Quarterly	Discrete
Influent	*****	*****	****	*****	*****	Monitor & Report				

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Susan Crowley
CEM 1428, exp 3-8-13
TYPED OR PRINTED

TELEPHONE
702 592-7727
AREA NUMBER
702 592-7727
CODE NUMBER
702 592-7727

DATE
2012 22
YEAR MONTH DAY
2012 22
YEAR MONTH DAY

OFFICER OR AUTHORIZED AGENT
OFFICER OR AUTHORIZED AGENT

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
* This analyte is monitored on a quarterly frequency. Please see the October 2012 DMR for information about this analyte.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust
 Address: CO Veolia Water NA
 510 Fourth Street
 Henderson, NV. 89015
 Facility: Nevada Environmental Response Trust
 Location: Henderson, NV
 Attn: Susan M. Crowley

DISCHARGE MONITORING REPORT (DMR)

NV 0023060 PERMIT NUMBER
 001 DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR 12 MO 12 DAY 01 TO YEAR 12 MO 12 DAY 31

NO DISCHARGE

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lbs/day)				
Oil & Grease	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete	
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete	
Boron	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete	
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Dissolved Oxygen	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Monthly	Discrete	
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Nitrate as N	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Kjeldahl Nitrogen as N	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Kjeldahl Nitrogen as N	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Effluent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Weekly	Discrete	
Chloride	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete	
Influent	SAMPLE PERMIT REQUIREMENT	*****	*****	****	*****	*****	MG/L	0	Quarterly	Discrete	

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Susan Crowley
 CEM 1428, exp 3-8-13
 TYPED OR PRINTED

TELEPHONE
 702 592-7727
 AREA NUMBER
 702 592-7727
 CODE NUMBER
 702 592-7727

DATE
 January 22
 MONTH DAY
 January 22
 MONTH DAY

OFFICER OR AUTHORIZED AGENT
 SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)
 * This analyte is monitored on a quarterly frequency. Please see the October 2012 DMR for information about this analyte.

ATTACHMENT 2

Summary of Supporting Analytical



Influent.xlsx



Effluent.xlsx

Influent and Effluent



Influent-Effluent
Comp.xlsx

Influent and Effluent Composites



Wash.xlsx

Wash



LWW 5-5 - Mixing
Zone.xlsx

LWW 5.5 Mix Zone Evaluation



M-10.xlsx

M-10



FBR Solids.xlsx

FBR Solids

NPDES Permit NV0023060 - 4th Quarter 2012 - Influent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/1/2012	Influent	Ammonia Nitrogen	0.14	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
10/1/2012	Influent	Chlorate by IC	230000	ug/L	10	ug/L	EPA 300.0
10/1/2012	Influent	Chromium Total ICAP	0.09	mg/L	0.01	mg/L	EPA 200.7
10/1/2012	Influent	Hexavalent chromium(Dissolved)	77	ug/L	0.02	ug/L	EPA 218.6
10/1/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
10/1/2012	Influent	Nitrate as Nitrogen by IC	14	mg/L	0.1	mg/L	EPA 300.0
10/1/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	Influent	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/1/2012	Influent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
10/1/2012	Influent	Sulfide,Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2
10/1/2012	Influent	Total Inorganic Nitrogen-Calc	14	mg/L	0.2	mg/L	CALC_300.0
10/1/2012	Influent	Total Nitrate, Nitrite-N, CALC	14	mg/L	0.1	mg/L	EPA 300.0
10/1/2012	Influent	Total phosphorus as P	ND	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/3/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/8/2012	Influent	1,1,1-Trichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,1,2-Trichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,1-Dichloroethane	1.5	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,1-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,2,4-Trichlorobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	1,2-Dichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,2-Dichloropropane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	1,2-Diphenylhydrazine	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	2,3,7,8-TCDD	ND	pg/L	5	pg/L	EPA 1613B
10/8/2012	Influent	2,4,5-Trichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2,4,6-Trichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2,4-Dichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2,4-Dimethylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2,4-Dinitrophenol	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Influent	2,4-Dinitrotoluene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2,6-Dinitrotoluene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2-Butanone (MEK)	ND	ug/L	5	ug/L	EPA 624
10/8/2012	Influent	2-Chloroethylvinylether	ND	ug/L	0.5	ug/L	EPA 8260
10/8/2012	Influent	2-Chloronaphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2-Chlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2-Hexanone	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Influent	2-Methylnaphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2-Methylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	2-Nitroaniline	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	2-Nitrophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	3,3-Dichlorobenzidine	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Influent	3-Nitroaniline	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Influent	4,4-DDD	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	4,4-DDE	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	4,4-DDT	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	4,6-Dinitro-o-cresol	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Influent	4-Bromophenylphenylether	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	4-Chloroaniline	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	4-Chlorophenylphenylether	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5	ug/L	EPA 624
10/8/2012	Influent	4-Methylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	4-Nitroaniline	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Influent	4-Nitrophenol	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Acenaphthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Acenaphthylene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Acetone	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Influent	Acrolein (Screen)	ND	ug/L	25	ug/L	EPA 624
10/8/2012	Influent	Acrylonitrile (Screen)	ND	ug/L	25	ug/L	EPA 624
10/8/2012	Influent	Aldrin	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	alpha-BHC	0.25	ug/L	0.097	ug/L	EPA 608

NPDES Permit NV0023060 - 4th Quarter 2012 - Influent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Influent	alpha-Chlordane	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/8/2012	Influent	Aniline	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Anthracene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Antimony Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
10/8/2012	Influent	Arsenic III	42	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Arsenic Total ICAP/MS	72	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Arsenic V	30	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Asbestos by TEM - >10 microns	ND	MFL	0.2	MFL	EPA 100.2
10/8/2012	Influent	Atrazine	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Influent	Barium Total ICAP/MS	22	ug/L	2	ug/L	EPA 200.8
10/8/2012	Influent	Benzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Benzidine	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Influent	Benzo(a)anthracene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Benzo(a)pyrene	ND	ug/L	0.02	ug/L	EPA 525.2
10/8/2012	Influent	Benzo(a)pyrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Benzo(b)fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Benzo(g,h,i)perylene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Benzo(k)fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Benzoic Acid	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Influent	Benzyl Alcohol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Beryllium Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	beta-BHC	0.4	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Biochemical Oxygen Demand,Totl	ND	mg/L	3	mg/L	SM5210B 405.1
10/8/2012	Influent	bis(2-Chloroethoxy)methane	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	bis(2-Chloroethyl)ether	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	bis(2-Chloroisopropyl)ether	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Boron Total ICAP	2.7	mg/L	0.05	mg/L	EPA 200.7
10/8/2012	Influent	Bromodichloromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Bromoform	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Bromomethane (Methyl Bromide)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Butylbenzylphthalate	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Cadmium Total ICAP/MS	ND	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Influent	Carbon disulfide	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Carbon Tetrachloride	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chemical Oxygen Demand (COD)	25	mg/L	5	mg/L	EPA 410.4
10/8/2012	Influent	Chlorate by IC	240000	ug/L	10	ug/L	EPA 300.0
10/8/2012	Influent	Chloride	1700	mg/L	1	mg/L	EPA 300.0
10/8/2012	Influent	Chlorobenzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chlorodibromomethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chloroform (Trichloromethane)	50	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chloromethane(Methyl Chloride)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Chromium Total ICAP	0.053	mg/L	0.01	mg/L	EPA 200.7
10/8/2012	Influent	Chromium Total ICAP/MS	52	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Chrysene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	cis-1,2-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	cis-1,3-Dichloropropene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Copper Total ICAP/MS	14	ug/L	2	ug/L	EPA 200.8
10/8/2012	Influent	Cyanide by manual distillation	0.0067	mg/L	0.005	mg/L	EPA 335.4
10/8/2012	Influent	delta-BHC	0.4	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Di-(2-Ethylhexyl)adipate	ND	ug/L	0.6	ug/L	EPA 525.2
10/8/2012	Influent	Di(2-Ethylhexyl)phthalate	ND	ug/L	0.6	ug/L	EPA 525.2
10/8/2012	Influent	Di(2-Ethylhexyl)phthalate	ND	ug/L	4	ug/L	EPA 625
10/8/2012	Influent	Dibenz(a,h)anthracene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Dibenzofuran	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Dichlorodifluoromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Dichloromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Dieldrin	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Diethylphthalate	ND	ug/L	5	ug/L	EPA 625

NPDES Permit NV0023060 - 4th Quarter 2012 - Influent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Influent	Dimethylphthalate	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Di-n-butylphthalate	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Di-n-octylphthalate	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Endosulfan I (Alpha)	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Endosulfan II (Beta)	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Endosulfan Sulfate	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Endrin	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Endrin Aldehyde	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Endrin Ketone	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Ethyl benzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Fluorene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Gamma-BHC	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	gamma-Chlordane	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Heptachlor	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Heptachlor Epoxide	ND	ug/L	0.097	ug/L	EPA 608
10/8/2012	Influent	Hexachlorobenzene	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Influent	Hexachlorobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Hexachlorobutadiene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Hexachlorocyclopentadiene	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Influent	Hexachlorocyclopentadiene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Hexachloroethane	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Hexavalent chromium(Dissolved)	44	ug/L	0.02	ug/L	EPA 218.6
10/8/2012	Influent	Indeno(1,2,3-c,d)pyrene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Influent	Iron Total ICAP	ND	mg/L	0.02	mg/L	EPA 200.7
10/8/2012	Influent	Isophorone	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Kjeldahl Nitrogen	0.57	mg/L	0.2	mg/L	EPA 351.2
10/8/2012	Influent	Lead Total ICAP/MS	ND	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Influent	m,p-Xylenes	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Magnesium Total ICAP	160	mg/L	0.1	mg/L	EPA 200.7
10/8/2012	Influent	Manganese Total ICAP/MS	470	ug/L	2	ug/L	EPA 200.8
10/8/2012	Influent	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Mercury	ND	ug/L	0.2	ug/L	EPA 245.1
10/8/2012	Influent	Methoxychlor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Molinate	ND	ug/L	0.1	ug/L	EPA 525.2
10/8/2012	Influent	Molybdenum Total ICAP/MS	43	ug/L	2	ug/L	EPA 200.8
10/8/2012	Influent	Naphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Nickel Total ICAP/MS	17	ug/L	5	ug/L	EPA 200.8
10/8/2012	Influent	Nitrate as Nitrogen by IC	13	mg/L	0.1	mg/L	EPA 300.0
10/8/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/8/2012	Influent	Nitrobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	N-Nitrosodimethylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	N-Nitrosodi-N-propylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	N-Nitrosodiphenylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Oil and Grease by 1664(subbed)	ND	mg/L	5.01	mg/L	EPA 1664
10/8/2012	Influent	o-Xylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	PCB 1016 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1221 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1232 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1242 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1248 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1254 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	PCB 1260 Aroclor	ND	ug/L	0.971	ug/L	EPA 608
10/8/2012	Influent	p-Chloro-m-cresol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Pentachlorophenol	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Influent	Perchlorate	160000	ug/L	4	ug/L	EPA 314.0
10/8/2012	Influent	Phenanthrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Phenol	ND	ug/L	5	ug/L	EPA 625

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Influent	Potassium Total ICAP	27	mg/L	1	mg/L	EPA 200.7
10/8/2012	Influent	Pyrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Influent	Selenium Total ICAP/MS	15	ug/L	5	ug/L	EPA 200.8
10/8/2012	Influent	Silver Total ICAP/MS	ND	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Influent	Simazine	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Influent	Sodium Total ICAP	1300	mg/L	1	mg/L	EPA 200.7
10/8/2012	Influent	Strontium ICAP	9.4	mg/L	0.01	mg/L	EPA 200.7
10/8/2012	Influent	Strontium Total ICAP	9.4	mg/L	0.01	mg/L	EPA 200.7
10/8/2012	Influent	Styrene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Sulfate	1500	mg/L	0.5	mg/L	EPA 300.0
10/8/2012	Influent	Surfactants	2.1	mg/L	0.05	mg/L	SM 5540C/EPA 425.1
10/8/2012	Influent	Tetrachloroethylene (PCE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Tetrahydrofuran	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Influent	Thallium Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Influent	Thiobencarb (ELAP)	ND	ug/L	0.2	ug/L	EPA 525.2
10/8/2012	Influent	Toluene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Total 1,3-Dichloropropene	ND	ug/L	1	ug/L	EPA 624
10/8/2012	Influent	Total Dissolved Solids (TDS)	5700	mg/L	10	mg/L	E160.1/SM2540C
10/8/2012	Influent	Total Inorganic Nitrogen-Calc	13	mg/L	0.2	mg/L	CALC_300.0
10/8/2012	Influent	Total Nitrate, Nitrite-N, CALC	13	mg/L	0.1	mg/L	EPA 300.0
10/8/2012	Influent	Total Organic Carbon	1.8	mg/L	0.3	mg/L	SM5310C/E415.3
10/8/2012	Influent	Total phosphorus as P	0.046	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/8/2012	Influent	Total Suspended Solids (TSS)	ND	mg/L	10	mg/L	SM 2540D
10/8/2012	Influent	Toxaphene	ND	ug/L	2.04	ug/L	EPA 608
10/8/2012	Influent	trans-1,2-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	trans-1,3-Dichloropropene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Trichloroethylene (TCE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Trichlorofluoromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Influent	Vanadium Total ICAP/MS	52	ug/L	3	ug/L	EPA 200.8
10/8/2012	Influent	Vinyl Acetate	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Influent	Vinyl chloride (VC)	ND	ug/L	0.3	ug/L	EPA 624
10/8/2012	Influent	Zinc Total ICAP/MS	ND	ug/L	20	ug/L	EPA 200.8
10/10/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/15/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	Influent	Apparent Color	5	ACU	3	ACU	SM 2120B
10/15/2012	Influent	Chlorate by IC	220000	ug/L	10	ug/L	EPA 300.0
10/15/2012	Influent	Chromium Total ICAP	0.014	mg/L	0.01	mg/L	EPA 200.7
10/15/2012	Influent	Hexavalent chromium(Dissolved)	10	ug/L	0.02	ug/L	EPA 218.6
10/15/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
10/15/2012	Influent	Nitrate as Nitrogen by IC	14	mg/L	0.1	mg/L	EPA 300.0
10/15/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/15/2012	Influent	Perchlorate	160000	ug/L	4	ug/L	EPA 314.0
10/15/2012	Influent	Total Inorganic Nitrogen-Calc	14	mg/L	0.2	mg/L	CALC_300.0
10/15/2012	Influent	Total Nitrate, Nitrite-N, CALC	14	mg/L	0.1	mg/L	EPA 300.0
10/15/2012	Influent	Total phosphorus as P	0.043	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/17/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/22/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/22/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
10/22/2012	Influent	Chlorate by IC	230000	ug/L	10	ug/L	EPA 300.0
10/22/2012	Influent	Chromium Total ICAP	0.12	mg/L	0.01	mg/L	EPA 200.7
10/22/2012	Influent	Hexavalent chromium(Dissolved)	100	ug/L	0.02	ug/L	EPA 218.6
10/22/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
10/22/2012	Influent	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
10/22/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/22/2012	Influent	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/22/2012	Influent	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
10/22/2012	Influent	Total Nitrate, Nitrite-N, CALC	12	mg/L	0.1	mg/L	EPA 300.0
10/22/2012	Influent	Total phosphorus as P	0.034	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/24/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/29/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/29/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B

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Sample Date	Sample ID	Analyte	Final	Units	MRL	Units	Method
10/29/2012	Influent	Chlorate by IC	230000	ug/L	10	ug/L	EPA 300.0
10/29/2012	Influent	Chromium Total ICAP	0.067	mg/L	0.01	mg/L	EPA 200.7
10/29/2012	Influent	Hexavalent chromium(Dissolved)	64	ug/L	0.02	ug/L	EPA 218.6
10/29/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
10/29/2012	Influent	Nitrate as Nitrogen by IC	13	mg/L	0.1	mg/L	EPA 300.0
10/29/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/29/2012	Influent	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/29/2012	Influent	Total Inorganic Nitrogen-Calc	13	mg/L	0.2	mg/L	CALC_300.0
10/29/2012	Influent	Total Nitrate, Nitrite-N, CALC	13	mg/L	0.1	mg/L	EPA 300.0
10/29/2012	Influent	Total phosphorus as P	0.032	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/31/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
11/5/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
11/5/2012	Influent	Chlorate by IC	210000	ug/L	10	ug/L	EPA 300.0
11/5/2012	Influent	Chromium Total ICAP	0.09	mg/L	0.01	mg/L	EPA 200.7
11/5/2012	Influent	Hexavalent chromium(Dissolved)	86	ug/L	0.02	ug/L	EPA 218.6
11/5/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
11/5/2012	Influent	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
11/5/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	Influent	Perchlorate	140000	ug/L	4	ug/L	EPA 314.0
11/5/2012	Influent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
11/5/2012	Influent	Sulfide,Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2
11/5/2012	Influent	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
11/5/2012	Influent	Total Nitrate, Nitrite-N, CALC	12	mg/L	0.1	mg/L	EPA 300.0
11/5/2012	Influent	Total phosphorus as P	0.03	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/9/2012	Influent	Carbonaceous BOD	ND *	mg/L	3	mg/L	SM 5210B
11/12/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/12/2012	Influent	Apparent Color	15	ACU	3	ACU	SM 2120B
11/12/2012	Influent	Chlorate by IC	220000	ug/L	10	ug/L	EPA 300.0
11/12/2012	Influent	Chromium Total ICAP	0.34	mg/L	0.01	mg/L	EPA 200.7
11/12/2012	Influent	Hexavalent chromium(Dissolved)	340	ug/L	0.02	ug/L	EPA 218.6
11/12/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
11/12/2012	Influent	Nitrate as Nitrogen by IC	14	mg/L	0.1	mg/L	EPA 300.0
11/12/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/12/2012	Influent	Perchlorate	140000	ug/L	4	ug/L	EPA 314.0
11/12/2012	Influent	Total Inorganic Nitrogen-Calc	14	mg/L	0.2	mg/L	CALC_300.0
11/12/2012	Influent	Total Nitrate, Nitrite-N, CALC	14	mg/L	0.1	mg/L	EPA 300.0
11/12/2012	Influent	Total phosphorus as P	0.032	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/14/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
11/19/2012	Influent	Ammonia Nitrogen	0.059	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
11/19/2012	Influent	Chlorate by IC	210000	ug/L	10	ug/L	EPA 300.0
11/19/2012	Influent	Chromium Total ICAP	0.054	mg/L	0.01	mg/L	EPA 200.7
11/19/2012	Influent	Hexavalent chromium(Dissolved)	49	ug/L	0.02	ug/L	EPA 218.6
11/19/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
11/19/2012	Influent	Nitrate as Nitrogen by IC	14	mg/L	0.1	mg/L	EPA 300.0
11/19/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	Influent	Perchlorate	160000	ug/L	4	ug/L	EPA 314.0
11/19/2012	Influent	Total Inorganic Nitrogen-Calc	14	mg/L	0.2	mg/L	CALC_300.0
11/19/2012	Influent	Total Nitrate, Nitrite-N, CALC	14	mg/L	0.1	mg/L	EPA 300.0
11/19/2012	Influent	Total phosphorus as P	0.028	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/20/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
11/26/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/26/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
11/26/2012	Influent	Chlorate by IC	220000	ug/L	10	ug/L	EPA 300.0
11/26/2012	Influent	Chromium Total ICAP	0.066	mg/L	0.01	mg/L	EPA 200.7
11/26/2012	Influent	Hexavalent chromium(Dissolved)	62	ug/L	0.02	ug/L	EPA 218.6
11/26/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
11/26/2012	Influent	Nitrate as Nitrogen by IC	15	mg/L	0.1	mg/L	EPA 300.0
11/26/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/26/2012	Influent	Perchlorate	140000	ug/L	4	ug/L	EPA 314.0

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
11/26/2012	Influent	Total Inorganic Nitrogen-Calc	15	mg/L	0.2	mg/L	CALC_300.0
11/26/2012	Influent	Total Nitrate, Nitrite-N, CALC	15	mg/L	0.1	mg/L	EPA 300.0
11/26/2012	Influent	Total phosphorus as P	0.024	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/28/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/3/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
12/3/2012	Influent	Chlorate by IC	220000	ug/L	10	ug/L	EPA 300.0
12/3/2012	Influent	Chromium Total ICAP	0.091	mg/L	0.01	mg/L	EPA 200.7
12/3/2012	Influent	Hexavalent chromium(Dissolved)	82	ug/L	0.02	ug/L	EPA 218.6
12/3/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
12/3/2012	Influent	Nitrate as Nitrogen by IC	15	mg/L	0.1	mg/L	EPA 300.0
12/3/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	Influent	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/3/2012	Influent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
12/3/2012	Influent	Sulfide,Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2
12/3/2012	Influent	Total Inorganic Nitrogen-Calc	15	mg/L	0.2	mg/L	CALC_300.0
12/3/2012	Influent	Total Nitrate, Nitrite-N, CALC	15	mg/L	0.1	mg/L	EPA 300.0
12/3/2012	Influent	Total phosphorus as P	0.027	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/5/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/10/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/10/2012	Influent	Apparent Color	5	ACU	3	ACU	SM 2120B
12/10/2012	Influent	Chlorate by IC	230000	ug/L	10	ug/L	EPA 300.0
12/10/2012	Influent	Chromium Total ICAP	0.08	mg/L	0.01	mg/L	EPA 200.7
12/10/2012	Influent	Hexavalent chromium(Dissolved)	78	ug/L	0.02	ug/L	EPA 218.6
12/10/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
12/10/2012	Influent	Nitrate as Nitrogen by IC	15	mg/L	0.1	mg/L	EPA 300.0
12/10/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/10/2012	Influent	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/10/2012	Influent	Total Inorganic Nitrogen-Calc	15	mg/L	0.2	mg/L	CALC_300.0
12/10/2012	Influent	Total Nitrate, Nitrite-N, CALC	15	mg/L	0.1	mg/L	EPA 300.0
12/10/2012	Influent	Total phosphorus as P	0.025	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/12/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/17/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	Influent	Apparent Color	10	ACU	3	ACU	SM 2120B
12/17/2012	Influent	Chlorate by IC	230000	ug/L	10	ug/L	EPA 300.0
12/17/2012	Influent	Chromium Total ICAP	0.097	mg/L	0.01	mg/L	EPA 200.7
12/17/2012	Influent	Hexavalent chromium(Dissolved)	89	ug/L	0.02	ug/L	EPA 218.6
12/17/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
12/17/2012	Influent	Nitrate as Nitrogen by IC	15	mg/L	0.1	mg/L	EPA 300.0
12/17/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	Influent	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/17/2012	Influent	Total Inorganic Nitrogen-Calc	15	mg/L	0.2	mg/L	CALC_300.0
12/17/2012	Influent	Total Nitrate, Nitrite-N, CALC	15	mg/L	0.1	mg/L	EPA 300.0
12/17/2012	Influent	Total phosphorus as P	0.025	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/19/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/26/2012	Influent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/26/2012	Influent	Apparent Color	5	ACU	3	ACU	SM 2120B
12/26/2012	Influent	Chromium Total ICAP	0.08	mg/L	0.01	mg/L	EPA 200.7
12/26/2012	Influent	Hexavalent chromium(Dissolved)	71	ug/L	0.02	ug/L	EPA 218.6
12/26/2012	Influent	Kjeldahl Nitrogen	ND	mg/L	0.2	mg/L	EPA 351.2
12/26/2012	Influent	Nitrate as Nitrogen by IC	14	mg/L	0.1	mg/L	EPA 300.0
12/26/2012	Influent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/26/2012	Influent	Total Inorganic Nitrogen-Calc	14	mg/L	0.2	mg/L	CALC_300.0
12/26/2012	Influent	Total Nitrate, Nitrite-N, CALC	14	mg/L	0.1	mg/L	EPA 300.0
12/26/2012	Influent	Total phosphorus as P	0.029	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/26/2012	Influent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B

* The 11/9/2012 CBOD sample exceeded hold time due to an error by FedEx; not acceptable for regulatory compliance.

NPDES Permit NV0023060 - 4th Quarter 2012 - Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/1/2012	Effluent	Ammonia Nitrogen	0.17	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	Effluent	Apparent Color	25	ACU	3	ACU	SM 2120B
10/1/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
10/1/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/1/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
10/1/2012	Effluent	Iron Total ICAP	3.2	mg/L	0.02	mg/L	EPA 200.7
10/1/2012	Effluent	Kjeldahl Nitrogen	1.5	mg/L	0.2	mg/L	EPA 351.2
10/1/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/1/2012	Effluent	PH (H3=past HT not compliant)	6.8	Units	0.1	Units	SM4500-HB
10/1/2012	Effluent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
10/1/2012	Effluent	Sulfide,Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2
10/1/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
10/1/2012	Effluent	Total phosphorus as P	0.79	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/1/2012	Effluent	Total Suspended Solids (TSS)	21	mg/L	10	mg/L	SM 2540D
10/3/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/3/2012	Effluent	Dissolved Oxygen	6.12	mg/L	0.1	mg/L	EPA 360.1
10/8/2012	Effluent	1,1,1-Trichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,1,2-Trichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,1-Dichloroethane	1.2	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,1-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,2,4-Trichlorobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	1,2-Dichloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,2-Dichloropropane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	1,2-Diphenylhydrazine	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	2,3,7,8-TCDD	ND	pg/L	5	pg/L	EPA 1613B
10/8/2012	Effluent	2,4,5-Trichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2,4,6-Trichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2,4-Dichlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2,4-Dimethylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2,4-Dinitrophenol	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Effluent	2,4-Dinitrotoluene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2,6-Dinitrotoluene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2-Butanone (MEK)	ND	ug/L	5	ug/L	EPA 624
10/8/2012	Effluent	2-Chloroethylvinylether	ND	ug/L	0.5	ug/L	EPA 8260
10/8/2012	Effluent	2-Chloronaphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2-Chlorophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2-Hexanone	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Effluent	2-Methylnaphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2-Methylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	2-Nitroaniline	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	2-Nitrophenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	3,3-Dichlorobenzidine	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Effluent	3-Nitroaniline	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Effluent	4,4-DDD	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	4,4-DDE	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	4,4-DDT	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	4,6-Dinitro-o-cresol	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Effluent	4-Bromophenylphenylether	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	4-Chloroaniline	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	4-Chlorophenylphenylether	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	4-Methyl-2-Pentanone (MIBK)	ND	ug/L	5	ug/L	EPA 624
10/8/2012	Effluent	4-Methylphenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	4-Nitroaniline	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Effluent	4-Nitrophenol	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Acenaphthene	ND	ug/L	5	ug/L	EPA 625

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Effluent	Acenaphthylene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Acetone	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Effluent	Acrolein (Screen)	ND	ug/L	25	ug/L	EPA 624
10/8/2012	Effluent	Acrylonitrile (Screen)	ND	ug/L	25	ug/L	EPA 624
10/8/2012	Effluent	Aldrin	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	alpha-BHC	0.16	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	alpha-Chlordane	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Ammonia Nitrogen	0.084	mg/L	0.05	mg/L	EPA 350.1
10/8/2012	Effluent	Aniline	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Anthracene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Antimony Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Apparent Color	15	ACU	3	ACU	SM 2120B
10/8/2012	Effluent	Arsenic III	24	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Arsenic Total ICAP/MS	39	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Arsenic V	16	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Asbestos by TEM - >10 microns	ND	MFL	6.45	MFL	EPA 100.2
10/8/2012	Effluent	Atrazine	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Effluent	Barium Total ICAP/MS	25	ug/L	2	ug/L	EPA 200.8
10/8/2012	Effluent	Benzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Benzidine	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Effluent	Benzo(a)anthracene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Benzo(a)pyrene	ND	ug/L	0.02	ug/L	EPA 525.2
10/8/2012	Effluent	Benzo(a)pyrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Benzo(b)fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Benzo(g,h,i)perylene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Benzo(k)fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Benzoic Acid	ND	ug/L	50	ug/L	EPA 625
10/8/2012	Effluent	Benzyl Alcohol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Beryllium Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	beta-BHC	0.28	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Biochemical Oxygen Demand,Totl	ND	mg/L	3	mg/L	SM5210B 405.1
10/8/2012	Effluent	bis(2-Chloroethoxy)methane	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	bis(2-Chloroethyl)ether	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	bis(2-Chloroisopropyl)ether	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Boron Total ICAP	2.6	mg/L	0.05	mg/L	EPA 200.7
10/8/2012	Effluent	Bromodichloromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Bromoform	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Bromomethane (Methyl Bromide)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Butylbenzylphthalate	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Cadmium Total ICAP/MS	0.86	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Effluent	Carbon disulfide	0.58	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Carbon Tetrachloride	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chemical Oxygen Demand (COD)	38	mg/L	5	mg/L	EPA 410.4
10/8/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
10/8/2012	Effluent	Chloride	1900	mg/L	1	mg/L	EPA 300.0
10/8/2012	Effluent	Chlorobenzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chlorodibromomethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chloroethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chloroform (Trichloromethane)	0.67	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chloromethane(Methyl Chloride)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Chromium Total ICAP	0.011	mg/L	0.01	mg/L	EPA 200.7
10/8/2012	Effluent	Chromium Total ICAP/MS	13	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Chrysene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	cis-1,2-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	cis-1,3-Dichloropropene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Copper Total ICAP/MS	4.3	ug/L	2	ug/L	EPA 200.8
10/8/2012	Effluent	Cyanide by manual distillation	ND	mg/L	0.005	mg/L	EPA 335.4
10/8/2012	Effluent	delta-BHC	0.16	ug/L	0.104	ug/L	EPA 608

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Effluent	Di-(2-Ethylhexyl)adipate	ND	ug/L	0.6	ug/L	EPA 525.2
10/8/2012	Effluent	Di(2-Ethylhexyl)phthalate	ND	ug/L	0.6	ug/L	EPA 525.2
10/8/2012	Effluent	Di(2-Ethylhexyl)phthalate	ND	ug/L	4	ug/L	EPA 625
10/8/2012	Effluent	Dibenz(a,h)anthracene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Dibenzofuran	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Dichlorodifluoromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Dichloromethane	0.51	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Dieldrin	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Diethylphthalate	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Dimethylphthalate	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Di-n-butylphthalate	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Di-n-octylphthalate	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Endosulfan I (Alpha)	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Endosulfan II (Beta)	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Endosulfan Sulfate	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Endrin	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Endrin Aldehyde	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Endrin Ketone	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Ethyl benzene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Fluoranthene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Fluorene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Gamma-BHC	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	gamma-Chlordane	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Heptachlor	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Heptachlor Epoxide	ND	ug/L	0.104	ug/L	EPA 608
10/8/2012	Effluent	Hexachlorobenzene	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Effluent	Hexachlorobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Hexachlorobutadiene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Hexachlorocyclopentadiene	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Effluent	Hexachlorocyclopentadiene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Hexachloroethane	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Hexavalent chromium(Dissolved)	0.052	ug/L	0.02	ug/L	EPA 218.6
10/8/2012	Effluent	Indeno(1,2,3-c,d)pyrene	ND	ug/L	10	ug/L	EPA 625
10/8/2012	Effluent	Iron Total ICAP	3.7	mg/L	0.02	mg/L	EPA 200.7
10/8/2012	Effluent	Iron Total ICAP	3.5	mg/L	0.02	mg/L	EPA 200.7
10/8/2012	Effluent	Isophorone	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Kjeldahl Nitrogen	1.6	mg/L	0.2	mg/L	EPA 351.2
10/8/2012	Effluent	Lead Total ICAP/MS	ND	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Effluent	m,p-Xylenes	0.62	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Magnesium Total ICAP	140	mg/L	0.1	mg/L	EPA 200.7
10/8/2012	Effluent	Manganese Total ICAP/MS	700	ug/L	2	ug/L	EPA 200.8
10/8/2012	Effluent	m-Dichlorobenzene (1,3-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Mercury	ND	ug/L	0.2	ug/L	EPA 245.1
10/8/2012	Effluent	Methoxychlor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Molinate	ND	ug/L	0.1	ug/L	EPA 525.2
10/8/2012	Effluent	Molybdenum Total ICAP/MS	320	ug/L	2	ug/L	EPA 200.8
10/8/2012	Effluent	Naphthalene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Nickel Total ICAP/MS	31	ug/L	5	ug/L	EPA 200.8
10/8/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/8/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/8/2012	Effluent	Nitrobenzene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	N-Nitrosodimethylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	N-Nitrosodi-N-propylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	N-Nitrosodiphenylamine	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Oil and Grease by 1664(subbed)	ND	mg/L	5.01	mg/L	EPA 1664
10/8/2012	Effluent	o-Xylene	ND	ug/L	0.5	ug/L	EPA 624

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/8/2012	Effluent	PCB 1016 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1221 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1232 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1242 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1248 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1254 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	PCB 1260 Aroclor	ND	ug/L	1.04	ug/L	EPA 608
10/8/2012	Effluent	p-Chloro-m-cresol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Pentachlorophenol	ND	ug/L	20	ug/L	EPA 625
10/8/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/8/2012	Effluent	PH (H3=past HT not compliant)	6.8	Units	0.1	Units	SM4500-HB
10/8/2012	Effluent	Phenanthrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Phenol	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Potassium Total ICAP	26	mg/L	1	mg/L	EPA 200.7
10/8/2012	Effluent	Pyrene	ND	ug/L	5	ug/L	EPA 625
10/8/2012	Effluent	Selenium Total ICAP/MS	ND	ug/L	5	ug/L	EPA 200.8
10/8/2012	Effluent	Silver Total ICAP/MS	ND	ug/L	0.5	ug/L	EPA 200.8
10/8/2012	Effluent	Simazine	ND	ug/L	0.05	ug/L	EPA 525.2
10/8/2012	Effluent	Sodium Total ICAP	1300	mg/L	1	mg/L	EPA 200.7
10/8/2012	Effluent	Strontium ICAP	9.1	mg/L	0.01	mg/L	EPA 200.7
10/8/2012	Effluent	Styrene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
10/8/2012	Effluent	Surfactants	0.21	mg/L	0.05	mg/L	SM 5540C/EPA 425.1
10/8/2012	Effluent	Tetrachloroethylene (PCE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Tetrahydrofuran	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Effluent	Thallium Total ICAP/MS	ND	ug/L	1	ug/L	EPA 200.8
10/8/2012	Effluent	Thiobencarb (ELAP)	ND	ug/L	0.2	ug/L	EPA 525.2
10/8/2012	Effluent	Toluene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Total 1,3-Dichloropropene	ND	ug/L	1	ug/L	EPA 624
10/8/2012	Effluent	Total Dissolved Solids (TDS)	5400	mg/L	10	mg/L	E160.1/SM2540C
10/8/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
10/8/2012	Effluent	Total Organic Carbon	2.3	mg/L	0.3	mg/L	SM5310C/E415.3
10/8/2012	Effluent	Total phosphorus as P	0.16	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/8/2012	Effluent	Total Suspended Solids (TSS)	20	mg/L	10	mg/L	SM 2540D
10/8/2012	Effluent	Total Suspended Solids (TSS)	26	mg/L	10	mg/L	SM 2540D
10/8/2012	Effluent	Toxaphene	ND	ug/L	1.98	ug/L	EPA 608
10/8/2012	Effluent	trans-1,2-Dichloroethylene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	trans-1,3-Dichloropropene	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Trichloroethylene (TCE)	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Trichlorofluoromethane	ND	ug/L	0.5	ug/L	EPA 624
10/8/2012	Effluent	Vanadium Total ICAP/MS	39	ug/L	3	ug/L	EPA 200.8
10/8/2012	Effluent	Vinyl Acetate	ND	ug/L	10	ug/L	EPA 624
10/8/2012	Effluent	Vinyl chloride (VC)	ND	ug/L	0.3	ug/L	EPA 624
10/8/2012	Effluent	Zinc Total ICAP/MS	ND	ug/L	20	ug/L	EPA 200.8
10/10/2012	Effluent	Carbonaceous BOD	3.9	mg/L	3	mg/L	SM 5210B
10/10/2012	Effluent	Dissolved Oxygen	5.65	mg/L	0.1	mg/L	EPA 360.1
10/15/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	Effluent	Apparent Color	5	ACU	3	ACU	SM 2120B
10/15/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
10/15/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/15/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
10/15/2012	Effluent	Iron Total ICAP	2.9	mg/L	0.02	mg/L	EPA 200.7
10/15/2012	Effluent	Kjeldahl Nitrogen	0.77	mg/L	0.2	mg/L	EPA 351.2
10/15/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/15/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/15/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/15/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB

NPDES Permit NV0023060 - 4th Quarter 2012 - Effluent Analytical Summary

Sample Date	Sample ID	Analyte	Final	Units	MRL	Units	Method
10/15/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
10/15/2012	Effluent	Total phosphorus as P	0.24	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/15/2012	Effluent	Total Suspended Solids (TSS)	12	mg/L	10	mg/L	SM 2540D
10/17/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/17/2012	Effluent	Dissolved Oxygen	7.29	mg/L	0.1	mg/L	EPA 360.1
10/22/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/22/2012	Effluent	Apparent Color	20	ACU	3	ACU	SM 2120B
10/22/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
10/22/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/22/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
10/22/2012	Effluent	Iron Total ICAP	5	mg/L	0.02	mg/L	EPA 200.7
10/22/2012	Effluent	Kjeldahl Nitrogen	1.3	mg/L	0.2	mg/L	EPA 351.2
10/22/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/22/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/22/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/22/2012	Effluent	PH (H3=past HT not compliant)	6.8	Units	0.1	Units	SM4500-HB
10/22/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
10/22/2012	Effluent	Total phosphorus as P	0.5	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/22/2012	Effluent	Total Suspended Solids (TSS)	16	mg/L	10	mg/L	SM 2540D
10/24/2012	Effluent	Carbonaceous BOD	6	mg/L	3	mg/L	SM 5210B
10/24/2012	Effluent	Dissolved Oxygen	6.95	mg/L	0.1	mg/L	EPA 360.1
10/29/2012	Effluent	Ammonia Nitrogen	0.14	mg/L	0.05	mg/L	EPA 350.1
10/29/2012	Effluent	Apparent Color	15	ACU	3	ACU	SM 2120B
10/29/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
10/29/2012	Effluent	Chromium Total ICAP	0.01	mg/L	0.01	mg/L	EPA 200.7
10/29/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
10/29/2012	Effluent	Iron Total ICAP	1.9	mg/L	0.02	mg/L	EPA 200.7
10/29/2012	Effluent	Kjeldahl Nitrogen	1.6	mg/L	0.2	mg/L	EPA 351.2
10/29/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/29/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/29/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/29/2012	Effluent	PH (H3=past HT not compliant)	6.8	Units	0.1	Units	SM4500-HB
10/29/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
10/29/2012	Effluent	Total phosphorus as P	0.93	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/29/2012	Effluent	Total Suspended Solids (TSS)	12	mg/L	10	mg/L	SM 2540D
10/31/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
10/31/2012	Effluent	Dissolved Oxygen	6.77	mg/L	0.1	mg/L	EPA 360.1
11/5/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	Effluent	Apparent Color	30	ACU	3	ACU	SM 2120B
11/5/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
11/5/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
11/5/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
11/5/2012	Effluent	Iron Total ICAP	1.9	mg/L	0.02	mg/L	EPA 200.7
11/5/2012	Effluent	Kjeldahl Nitrogen	0.57	mg/L	0.2	mg/L	EPA 351.2
11/5/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
11/5/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
11/5/2012	Effluent	Sulfate	1400	mg/L	0.5	mg/L	EPA 300.0
11/5/2012	Effluent	Sulfide, Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2
11/5/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
11/5/2012	Effluent	Total phosphorus as P	0.056	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/5/2012	Effluent	Total Suspended Solids (TSS)	19	mg/L	10	mg/L	SM 2540D
11/9/2012	Effluent	Carbonaceous BOD	3.9 *	mg/L	3	mg/L	SM 5210B
11/7/2012	Effluent	Dissolved Oxygen	6.48	mg/L	0.1	mg/L	EPA 360.1
11/12/2012	Effluent	Ammonia Nitrogen	0.11	mg/L	0.05	mg/L	EPA 350.1
11/12/2012	Effluent	Apparent Color	30	ACU	3	ACU	SM 2120B
11/12/2012	Effluent	Chlorate by IC	89	ug/L	10	ug/L	EPA 300.0

NPDES Permit NV0023060 - 4th Quarter 2012 - Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
11/12/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
11/12/2012	Effluent	Hexavalent chromium(Dissolved)	0.25	ug/L	0.02	ug/L	EPA 218.6
11/12/2012	Effluent	Iron Total ICAP	3.2	mg/L	0.02	mg/L	EPA 200.7
11/12/2012	Effluent	Kjeldahl Nitrogen	2.2	mg/L	0.2	mg/L	EPA 351.2
11/12/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/12/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/12/2012	Effluent	Perchlorate	ND	ug/L	2	ug/L	EPA 314.0
11/12/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
11/12/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
11/12/2012	Effluent	Total phosphorus as P	0.074	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/12/2012	Effluent	Total Suspended Solids (TSS)	20	mg/L	10	mg/L	SM 2540D
11/14/2012	Effluent	Carbonaceous BOD	7.3	mg/L	3	mg/L	SM 5210B
11/14/2012	Effluent	Dissolved Oxygen	7.9	mg/L	0.1	mg/L	EPA 360.1
11/19/2012	Effluent	Ammonia Nitrogen	0.11	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	Effluent	Apparent Color	20	ACU	3	ACU	SM 2120B
11/19/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
11/19/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
11/19/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
11/19/2012	Effluent	Iron Total ICAP	0.58	mg/L	0.02	mg/L	EPA 200.7
11/19/2012	Effluent	Kjeldahl Nitrogen	0.46	mg/L	0.2	mg/L	EPA 351.2
11/19/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	Effluent	Perchlorate	ND	ug/L	2	ug/L	EPA 314.0
11/19/2012	Effluent	PH (H3=past HT not compliant)	6.8	Units	0.1	Units	SM4500-HB
11/19/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
11/19/2012	Effluent	Total phosphorus as P	0.44	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/19/2012	Effluent	Total Suspended Solids (TSS)	15	mg/L	10	mg/L	SM 2540D
11/20/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
11/21/2012	Effluent	Dissolved Oxygen	7.01	mg/L	0.1	mg/L	EPA 360.1
11/26/2012	Effluent	Ammonia Nitrogen	0.23	mg/L	0.05	mg/L	EPA 350.1
11/26/2012	Effluent	Apparent Color	15	ACU	3	ACU	SM 2120B
11/26/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
11/26/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
11/26/2012	Effluent	Hexavalent chromium(Dissolved)	0.096	ug/L	0.02	ug/L	EPA 218.6
11/26/2012	Effluent	Iron Total ICAP	2	mg/L	0.02	mg/L	EPA 200.7
11/26/2012	Effluent	Kjeldahl Nitrogen	0.69	mg/L	0.2	mg/L	EPA 351.2
11/26/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/26/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/26/2012	Effluent	Perchlorate	ND	ug/L	2	ug/L	EPA 314.0
11/26/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
11/26/2012	Effluent	Total Inorganic Nitrogen-Calc	0.23	mg/L	0.2	mg/L	CALC_300.0
11/26/2012	Effluent	Total phosphorus as P	0.17	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/26/2012	Effluent	Total Suspended Solids (TSS)	12	mg/L	10	mg/L	SM 2540D
11/28/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
11/28/2012	Effluent	Dissolved Oxygen	6.62	mg/L	0.1	mg/L	EPA 360.1
12/3/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	Effluent	Apparent Color	20	ACU	3	ACU	SM 2120B
12/3/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
12/3/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
12/3/2012	Effluent	Hexavalent chromium(Dissolved)	0.045	ug/L	0.02	ug/L	EPA 218.6
12/3/2012	Effluent	Iron Total ICAP	2.7	mg/L	0.02	mg/L	EPA 200.7
12/3/2012	Effluent	Kjeldahl Nitrogen	0.65	mg/L	0.2	mg/L	EPA 351.2
12/3/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/3/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
12/3/2012	Effluent	Sulfate	1300	mg/L	0.5	mg/L	EPA 300.0
12/3/2012	Effluent	Sulfide,Total	ND	mg/L	0.05	mg/L	SM4500SD/376.2

NPDES Permit NV0023060 - 4th Quarter 2012 - Effluent Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
12/3/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
12/3/2012	Effluent	Total phosphorus as P	0.073	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/3/2012	Effluent	Total Suspended Solids (TSS)	16	mg/L	10	mg/L	SM 2540D
12/5/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/5/2012	Effluent	Dissolved Oxygen	6.73	mg/L	0.1	mg/L	EPA 360.1
12/10/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/10/2012	Effluent	Apparent Color	15	ACU	3	ACU	SM 2120B
12/10/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
12/10/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
12/10/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
12/10/2012	Effluent	Iron Total ICAP	4.4	mg/L	0.02	mg/L	EPA 200.7
12/10/2012	Effluent	Kjeldahl Nitrogen	1.6	mg/L	0.2	mg/L	EPA 351.2
12/10/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/10/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/10/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/10/2012	Effluent	PH (H3=past HT not compliant)	7.1	Units	0.1	Units	SM4500-HB
12/10/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
12/10/2012	Effluent	Total phosphorus as P	0.15	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/10/2012	Effluent	Total Suspended Solids (TSS)	16	mg/L	10	mg/L	SM 2540D
12/12/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/12/2012	Effluent	Dissolved Oxygen	7.21	mg/L	0.1	mg/L	EPA 360.1
12/17/2012	Effluent	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	Effluent	Apparent Color	10	ACU	3	ACU	SM 2120B
12/17/2012	Effluent	Chlorate by IC	ND	ug/L	10	ug/L	EPA 300.0
12/17/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
12/17/2012	Effluent	Hexavalent chromium(Dissolved)	0.047	ug/L	0.02	ug/L	EPA 218.6
12/17/2012	Effluent	Iron Total ICAP	3	mg/L	0.02	mg/L	EPA 200.7
12/17/2012	Effluent	Kjeldahl Nitrogen	3.5	mg/L	0.2	mg/L	EPA 351.2
12/17/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	Effluent	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/17/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
12/17/2012	Effluent	Total Inorganic Nitrogen-Calc	ND	mg/L	0.2	mg/L	CALC_300.0
12/17/2012	Effluent	Total phosphorus as P	0.38	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/17/2012	Effluent	Total Suspended Solids (TSS)	13	mg/L	10	mg/L	SM 2540D
12/19/2012	Effluent	Carbonaceous BOD	3.7	mg/L	3	mg/L	SM 5210B
12/19/2012	Effluent	Dissolved Oxygen	8.16	mg/L	0.1	mg/L	EPA 360.1
12/26/2012	Effluent	Ammonia Nitrogen	0.22	mg/L	0.05	mg/L	EPA 350.1
12/26/2012	Effluent	Apparent Color	30	ACU	3	ACU	SM 2120B
12/26/2012	Effluent	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
12/26/2012	Effluent	Hexavalent chromium(Dissolved)	ND	ug/L	0.02	ug/L	EPA 218.6
12/26/2012	Effluent	Iron Total ICAP	3	mg/L	0.02	mg/L	EPA 200.7
12/26/2012	Effluent	Kjeldahl Nitrogen	1.6	mg/L	0.2	mg/L	EPA 351.2
12/26/2012	Effluent	Nitrate as Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/26/2012	Effluent	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/26/2012	Effluent	PH (H3=past HT not compliant)	6.9	Units	0.1	Units	SM4500-HB
12/26/2012	Effluent	Total Inorganic Nitrogen-Calc	0.22	mg/L	0.2	mg/L	CALC_300.0
12/26/2012	Effluent	Total phosphorus as P	0.13	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/26/2012	Effluent	Total Suspended Solids (TSS)	15	mg/L	10	mg/L	SM 2540D
12/26/2012	Effluent	Carbonaceous BOD	ND	mg/L	3	mg/L	SM 5210B
12/27/2012	Effluent	Dissolved Oxygen	7.19	mg/L	0.1	mg/L	EPA 360.1

* The 11/9/2012 CBOD sample exceeded hold time due to an error by FedEx; not acceptable for regulatory compliance.

NPDES Permit NV0023060 - 4th Quarter 2012 - Influent and Effluent Perchlorate Analysis

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/6/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/6/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/13/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/13/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/20/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/20/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
10/27/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
10/27/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
11/3/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
11/3/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
11/10/2012	Influent-Comp	Perchlorate	140000	ug/L	4	ug/L	EPA 314.0
11/10/2012	Effluent-Comp	Perchlorate	ND	ug/L	2	ug/L	EPA 314.0
11/17/2012	Influent-Comp	Perchlorate	160000	ug/L	4	ug/L	EPA 314.0
11/17/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
11/24/2012	Influent-Comp	Perchlorate	150000	ug/L	4	ug/L	EPA 314.0
11/24/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/1/2012	Influent-Comp	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/1/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/8/2012	Influent-Comp	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/8/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/15/2012	Influent-Comp	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/15/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/22/2012	Influent-Comp	Perchlorate	170000	ug/L	4	ug/L	EPA 314.0
12/22/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0
12/29/2012	Influent-Comp	Perchlorate	160000	ug/L	4	ug/L	EPA 314.0
12/29/2012	Effluent-Comp	Perchlorate	ND	ug/L	4	ug/L	EPA 314.0

NPDES Permit NV0023060 - 4th Quarter 2012 - Wash Analytical Summary

Sample Date	Sample ID	Analyte	Final	Units	MRL	Units	Method
10/1/2012	LVW 0.55	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	LVW 0.55	Perchlorate	76	ug/L	4	ug/L	EPA 314.0
10/1/2012	LVW 0.55	Total phosphorus as P	0.046	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/1/2012	LVW 5.5	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	LVW 5.5	Apparent Color	20	ACU	3	ACU	SM 2120B
10/1/2012	LVW 5.5	Boron Total ICAP	0.6	mg/L	0.05	mg/L	EPA 200.7
10/1/2012	LVW 5.5	Chloride	290	mg/L	1	mg/L	EPA 300.0
10/1/2012	LVW 5.5	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/1/2012	LVW 5.5	Iron Total ICAP	0.12	mg/L	0.02	mg/L	EPA 200.7
10/1/2012	LVW 5.5	Manganese Total ICAP	0.038	mg/L	0.002	mg/L	EPA 200.7
10/1/2012	LVW 5.5	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
10/1/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	LVW 5.5	Perchlorate	17	ug/L	4	ug/L	EPA 314.0
10/1/2012	LVW 5.5	Total Dissolved Solids (TDS)	1500	mg/L	10	mg/L	E160.1/SM2540C
10/1/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
10/1/2012	LVW 6.05	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	LVW 6.05	Apparent Color	20	ACU	3	ACU	SM 2120B
10/1/2012	LVW 6.05	Boron Total ICAP	0.62	mg/L	0.05	mg/L	EPA 200.7
10/1/2012	LVW 6.05	Chloride	290	mg/L	1	mg/L	EPA 300.0
10/1/2012	LVW 6.05	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/1/2012	LVW 6.05	Iron Total ICAP	0.16	mg/L	0.02	mg/L	EPA 200.7
10/1/2012	LVW 6.05	Manganese Total ICAP	0.041	mg/L	0.002	mg/L	EPA 200.7
10/1/2012	LVW 6.05	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
10/1/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	LVW 6.05	Perchlorate	18	ug/L	4	ug/L	EPA 314.0
10/1/2012	LVW 6.05	Total Dissolved Solids (TDS)	1500	mg/L	10	mg/L	E160.1/SM2540C
10/1/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
10/1/2012	LVW UPGRADIENT	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
10/1/2012	LVW UPGRADIENT	Apparent Color	20	ACU	3	ACU	SM 2120B
10/1/2012	LVW UPGRADIENT	Boron Total ICAP	0.6	mg/L	0.05	mg/L	EPA 200.7
10/1/2012	LVW UPGRADIENT	Chloride	260	mg/L	1	mg/L	EPA 300.0
10/1/2012	LVW UPGRADIENT	Chromium Total ICAP	ND	mg/L	0.01	mg/L	EPA 200.7
10/1/2012	LVW UPGRADIENT	Iron Total ICAP	0.11	mg/L	0.02	mg/L	EPA 200.7
10/1/2012	LVW UPGRADIENT	Manganese Total ICAP	0.033	mg/L	0.002	mg/L	EPA 200.7
10/1/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
10/1/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
10/1/2012	LVW UPGRADIENT	Perchlorate	17	ug/L	4	ug/L	EPA 314.0
10/1/2012	LVW UPGRADIENT	Total Dissolved Solids (TDS)	1400	mg/L	10	mg/L	E160.1/SM2540C
10/1/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
10/15/2012	LVW 0.55	Ammonia Nitrogen	0.079	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	LVW 0.55	Perchlorate	67	ug/L	4	ug/L	EPA 314.0
10/15/2012	LVW 0.55	Total phosphorus as P	0.089	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
10/15/2012	LVW 5.5	Ammonia Nitrogen	0.064	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	LVW 5.5	Nitrate as Nitrogen by IC	9.3	mg/L	0.1	mg/L	EPA 300.0
10/15/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.05	mg/L	EPA 300.0
10/15/2012	LVW 5.5	Perchlorate	34	ug/L	4	ug/L	EPA 314.0
10/15/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	9.4	mg/L	0.2	mg/L	CALC_300.0
10/15/2012	LVW 6.05	Ammonia Nitrogen	0.059	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	LVW 6.05	Nitrate as Nitrogen by IC	9.3	mg/L	0.1	mg/L	EPA 300.0
10/15/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.05	mg/L	EPA 300.0
10/15/2012	LVW 6.05	Perchlorate	34	ug/L	4	ug/L	EPA 314.0
10/15/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	9.4	mg/L	0.2	mg/L	CALC_300.0
10/15/2012	LVW UPGRADIENT	Ammonia Nitrogen	0.063	mg/L	0.05	mg/L	EPA 350.1
10/15/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	9.9	mg/L	0.1	mg/L	EPA 300.0
10/15/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.05	mg/L	EPA 300.0
10/15/2012	LVW UPGRADIENT	Perchlorate	33	ug/L	4	ug/L	EPA 314.0
10/15/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	10	mg/L	0.2	mg/L	CALC_300.0
11/5/2012	LVW 0.55	Ammonia Nitrogen	0.06	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	LVW 0.55	Perchlorate	73	ug/L	4	ug/L	EPA 314.0
11/5/2012	LVW 0.55	Total phosphorus as P	0.068	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/5/2012	LVW 5.5	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	LVW 5.5	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
11/5/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	LVW 5.5	Perchlorate	47	ug/L	4	ug/L	EPA 314.0
11/5/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
11/5/2012	LVW 6.05	Ammonia Nitrogen	0.053	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	LVW 6.05	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0

NPDES Permit NV0023060 - 4th Quarter 2012 - Wash Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
11/5/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	LVW 6.05	Perchlorate	46	ug/L	4	ug/L	EPA 314.0
11/5/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
11/5/2012	LVW UPGRADIENT	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
11/5/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
11/5/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/5/2012	LVW UPGRADIENT	Perchlorate	40	ug/L	4	ug/L	EPA 314.0
11/5/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
11/19/2012	LVW 0.55	Ammonia Nitrogen	0.053	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	LVW 0.55	Perchlorate	82	ug/L	4	ug/L	EPA 314.0
11/19/2012	LVW 0.55	Total phosphorus as P	0.077	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
11/19/2012	LVW 5.5	Ammonia Nitrogen	0.06	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	LVW 5.5	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
11/19/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	LVW 5.5	Perchlorate	44	ug/L	4	ug/L	EPA 314.0
11/19/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
11/19/2012	LVW 6.05	Ammonia Nitrogen	0.067	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	LVW 6.05	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
11/19/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	LVW 6.05	Perchlorate	37	ug/L	4	ug/L	EPA 314.0
11/19/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
11/19/2012	LVW UPGRADIENT	Ammonia Nitrogen	0.057	mg/L	0.05	mg/L	EPA 350.1
11/19/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
11/19/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/19/2012	LVW UPGRADIENT	Perchlorate	41	ug/L	4	ug/L	EPA 314.0
11/19/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
12/3/2012	LVW 0.55	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	LVW 0.55	Perchlorate	82	ug/L	4	ug/L	EPA 314.0
12/3/2012	LVW 0.55	Total phosphorus as P	0.073	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/3/2012	LVW 5.5	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	LVW 5.5	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
12/3/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	LVW 5.5	Perchlorate	43	ug/L	4	ug/L	EPA 314.0
12/3/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
12/3/2012	LVW 6.05	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	LVW 6.05	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
12/3/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	LVW 6.05	Perchlorate	41	ug/L	4	ug/L	EPA 314.0
12/3/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0
12/3/2012	LVW UPGRADIENT	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/3/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	13	mg/L	0.1	mg/L	EPA 300.0
12/3/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/3/2012	LVW UPGRADIENT	Perchlorate	41	ug/L	4	ug/L	EPA 314.0
12/3/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	13	mg/L	0.2	mg/L	CALC_300.0
12/17/2012	LVW 0.55	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	LVW 0.55	Perchlorate	67	ug/L	4	ug/L	EPA 314.0
12/17/2012	LVW 0.55	Total phosphorus as P	0.08	mg/L	0.02	mg/L	SM4500-PE/EPA 365.1
12/17/2012	LVW 5.5	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	LVW 5.5	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
12/17/2012	LVW 5.5	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	LVW 5.5	Perchlorate	38	ug/L	4	ug/L	EPA 314.0
12/17/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
12/17/2012	LVW 6.05	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	LVW 6.05	Nitrate as Nitrogen by IC	11	mg/L	0.1	mg/L	EPA 300.0
12/17/2012	LVW 6.05	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	LVW 6.05	Perchlorate	38	ug/L	4	ug/L	EPA 314.0
12/17/2012	LVW 6.05	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0
12/17/2012	LVW UPGRADIENT	Ammonia Nitrogen	ND	mg/L	0.05	mg/L	EPA 350.1
12/17/2012	LVW UPGRADIENT	Nitrate as Nitrogen by IC	12	mg/L	0.1	mg/L	EPA 300.0
12/17/2012	LVW UPGRADIENT	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
12/17/2012	LVW UPGRADIENT	Perchlorate	41	ug/L	4	ug/L	EPA 314.0
12/17/2012	LVW UPGRADIENT	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0

NPDES Permit NV0023060 - 4th Quarter 2012 - Wash Mixing Zone Evaluation

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>	<u>Mix Zone Limits</u>
10/1/2012	LVW 5.5	Total Dissolved Solids (TDS)	1500	mg/L	10	mg/L	E160.1/SM2540C	2400 mg/l
10/1/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0	17 mg/l
10/15/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	9.4	mg/L	0.2	mg/L	CALC_300.0	"
11/5/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0	"
11/19/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0	"
12/3/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	12	mg/L	0.2	mg/L	CALC_300.0	"
12/17/2012	LVW 5.5	Total Inorganic Nitrogen-Calc	11	mg/L	0.2	mg/L	CALC_300.0	"

NPDES Permit NV0023060 - 4th Quarter 2012 - Upgradient Monitoring Well Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
11/8/2012	M-10	Ammonia Nitrogen	0.053	mg/L	0.05	mg/L	EPA 350.1
11/8/2012	M-10	Boron Total ICAP	3	mg/L	0.05	mg/L	EPA 200.7
11/8/2012	M-10	Chloride	240	mg/L	1	mg/L	EPA 300.0
11/8/2012	M-10	Chromium Total ICAP	0.62	mg/L	0.01	mg/L	EPA 200.7
11/8/2012	M-10	Chromium Total ICAP	0.62	mg/L	0.01	mg/L	EPA 6010
11/8/2012	M-10	Hexavalent chromium (Cr VI)	0.065	mg/L	0.005	mg/L	EPA 7196
11/8/2012	M-10	Iron Total ICAP	9.3	mg/L	0.02	mg/L	EPA 200.7
11/8/2012	M-10	Manganese Total ICAP	0.24	mg/L	0.002	mg/L	EPA 200.7
11/8/2012	M-10	Nitrate as Nitrogen by IC	1.7	mg/L	0.0125	mg/L	EPA 300.0
11/8/2012	M-10	Nitrite Nitrogen by IC	ND	mg/L	0.0125	mg/L	EPA 300.0
11/8/2012	M-10	Perchlorate	12000	ug/L	4	ug/L	EPA 314.0
11/8/2012	M-10	PH (H3=past HT not compliant)	7.2	Units	0.1	Units	EPA 9040
11/8/2012	M-10	Total Dissolved Solids (TDS)	2800	mg/L	10	mg/L	E160.1/SM2540C
11/8/2012	M-10	Total Dissolved Solids (TDS)	2900	mg/L	10	mg/L	E160.1/SM2540C
11/8/2012	M-10	Total Inorganic Nitrogen-Calc	1.7	mg/L	0.2	mg/L	CALC_300.0

NPDES Permit NV0023060 - 4th Quarter 2012 - FBR Solids Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Final</u>	<u>Units</u>	<u>MRL</u>	<u>Units</u>	<u>Method</u>
10/1/2012	FBR BIOLOGICAL SOLIDS	4,4-DDD	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	4,4-DDE	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	4,4-DDT	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Aldrin	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Alpha-BHC	290	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Alpha-Chlordane	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Arsenic	440	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Beta-BHC	490	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Cadmium	ND	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Chromium	600	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Copper	220	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Delta-BHC	180	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Dieldrin	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endosulfan I	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endosulfan II	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endosulfan sulfate	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endrin	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endrin Aldehyde	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Endrin Ketone	ND	ug/kg	16	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Gamma-BHC	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Gamma-Chlordane	28	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Heptachlor	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Heptachlor Epoxide	ND	ug/kg	8	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Lead	ND	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Mercury	ND	mg/kg	0.4	mg/kg	EPA 7471A
10/1/2012	FBR BIOLOGICAL SOLIDS	Methoxychlor	ND	ug/kg	80	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Molybdenum	1900	mg/kg	20.1	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Nickel	47	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1016	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1016 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1221 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1232 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1242 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1248 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1254 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	PCB 1260 Aroclor	ND	ug/kg	200	ug/kg	EPA 8082
10/1/2012	FBR BIOLOGICAL SOLIDS	Selenium	89	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Silver	ND	mg/kg	4.02	mg/kg	EPA 6010
10/1/2012	FBR BIOLOGICAL SOLIDS	Toxaphene	ND	ug/kg	200	ug/kg	EPA 8081A
10/1/2012	FBR BIOLOGICAL SOLIDS	Zinc	420	mg/kg	8.03	mg/kg	EPA 6010

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 below.

S.M. Crowley

1-21-13

Susan M. Crowley, CEM 1428, exp 3-8-13

ATTACHMENT 4

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



4th Quarter 2012 FBR Dry Tons Sludge Eurofins FBR Bio
Sludge Report Memo.Calc Sheet 4th QTR 2Solids Report 410864



January 17, 2013

RE: FBR Biological Solids 4th Quarter Reporting

To whom it may concern,

The NDEP Authorization to Discharge Permit No. NV0023060 section I.A.11 requires facilities that generate and dispose of sludge to monitor certain constituents; the frequency of monitoring depends on the amount of sludge produced.

The FBR Perchlorate Reduction Process generated 24.35 dry metric tons of biological solids in the Fourth Quarter of 2012. This extrapolates to an expected production of 97.42 metric TPY of dry FBR biological solids.

Attached for your review is the 4th Quarter 2012 sludge monitoring results reported in mg/kg of dry sludge based on MWH Laboratories analysis (MWH Service Report #410864 for Environ International Corp.)

Please contact me if there are any questions.

Sincerely,

Steve Kubacki

A handwritten signature in black ink, appearing to read "Steve Kubacki", written over the printed name.

CC: Via email

Russell Speckin - Veolia Water

Sachin Chawla - Veolia Water

John Pekala - Environ

Kim Kuwabara - Environ

Chris Ritchie - Environ

Veolia Water North America

PO Box 90578 Henderson, NV 89009

Tel 702-566-6001/Fax 702-566-9030

www.Veoliawaterna.com

Calculation of Metric Tons of Dry Solids Produced at the FBR

4th QTR 2012

VWNA Operation's Input Required:	Oct	Nov	Dec
Average % solids of filter press cake	22.25%	22.85%	21.90%
Republic's information on tons of solids hauled, Tons	38.02	28.95	53.75
Less Iron Oxide Sludge, Tons			
==> Wet Tons of FBR Biological solids	38.02	28.95	53.75
==> Wet Metric Tons of FBR Biological solids	34.49	26.26	48.76
==> Metric Tons of DRY FBR Biological solids	7.67	6.00	10.68
==> Average MTPD of dry FBR Biological Solids	0.26	0.19	0.36
==> Predicted MTPY of dry FBR Biological Solids. Note: the permit requires quarterly monitoring for Facilities which produce >290 and <1500 metric tons of dry solids per year.	30.70	24.00	42.72
		Total Metric Tons	
		24.35	
		Total Metric TPY	
		97.42	

750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-3629
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 Fax: (626) 386-1101
 1 800 566 LABS (1 800 566 5227)

Environ International Corp.

John M. Pekala, P.G.
 1702 E. Highland Ave.
 Suite 412
 Phoenix, AZ 85016

Samples Received on:
 10/02/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
FBR BIOLOGICAL SOLIDS (201210020381)						Sampled on 10/01/2012 1000				
EPA 8081A - Pesticides by 8081A										
10/17/2012	14:24		(EPA 8081A)	4,4-DDD	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	4,4-DDE	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	4,4-DDT	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Aldrin	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Alpha-BHC	290	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Alpha-Chlordane	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Beta-BHC	490	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Delta-BHC	180	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Dieldrin	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Endosulfan I	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Endosulfan II	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Endosulfan sulfate	ND	ug/kg	11	16	11	1
10/17/2012	14:24		(EPA 8081A)	Endrin	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Endrin Aldehyde	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Endrin Ketone	ND	ug/kg	9.1	16	9.1	1
10/17/2012	14:24		(EPA 8081A)	Gamma-BHC	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Gamma-Chlordane	28	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Heptachlor	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Heptachlor Epoxide	ND	ug/kg	4.5	8	4.5	1
10/17/2012	14:24		(EPA 8081A)	Methoxychlor	ND	ug/kg	30	80	30	1
10/17/2012	14:24		(EPA 8081A)	Toxaphene	ND	ug/kg	76	200	76	1
10/17/2012	14:24		(EPA 8081A)	Decachlorobiphenyl	51	%				1
10/17/2012	14:24		(EPA 8081A)	Tetrachloro-m-xylene	137	%				1
EPA 6010 - Arsenic Subbed										
10/11/2012	17:19		(EPA 6010)	Arsenic Subbed	440	mg/kg	3.0	4	3.0	1
EPA 6010 - Cadmium Subbed										
10/11/2012	17:19		(EPA 6010)	Cadmium Subbed	ND	mg/kg	0.76	4	0.75	1
EPA 6010 - Chromium Subbed										
10/11/2012	17:19		(EPA 6010)	Chromium Subbed	600	mg/kg	1.5	4	1.5	1
EPA 6010 - Copper Subbed										
10/11/2012	17:19		(EPA 6010)	Copper Subbed	220	mg/kg	1.5	4	1.5	1

Sample Quantitation Limit (SQL) = MDL * Dilution Factor.

Rounding on totals after summation.

(c) - Indicates calculated results.

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.

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Environ International Corp.

John M. Pekala, P.G.
 1702 E. Highland Ave.
 Suite 412
 Phoenix, AZ 85016

Samples Received on:
 10/02/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 6010 - Lead Subbed Solid										
	10/11/2012	17:19	(EPA 6010)	Lead Subbed	ND	mg/kg	1.5	4	1.5	1
EPA 6010 - Molybdenum Subbed										
	10/11/2012	17:19	(EPA 6010)	Molybdenum Subbed	1900	mg/kg	3.8	20	3.8	1
EPA 6010 - Nickel Subbed										
	10/11/2012	17:19	(EPA 6010)	Nickel Subbed	47	mg/kg	1.5	4	1.5	1
EPA 6010 - Selenium Subbed										
	10/11/2012	17:19	(EPA 6010)	Selenium Subbed	89	mg/kg	3.8	4	3.8	1
EPA 6010 - Silver Subbed										
	10/11/2012	17:19	(EPA 6010)	Silver Subbed	ND	mg/kg	1.9	4	1.9	1
EPA 6010 - Zinc Subbed										
	10/11/2012	17:19	(EPA 6010)	Zinc Subbed	420	mg/kg	3.8	7.9	3.8	1
EPA 7471A - Mercury Subbed										
	10/09/2012	15:50	(EPA 7471A)	Mercury Subbed	ND	mg/kg	0.020	0.4	0.020	1
Misc subcontracted work - Percent Moisture										
	10/10/2012	16:09	(Misc subcontracted work)	Percent Moisture	75	%	1.0			1
EPA 8082 - PCBs by 8082										
	10/17/2012	14:24	(EPA 8082)	PCB 1016	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1016 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1221 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1232 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1242 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1248 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1254 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	PCB 1260 Aroclor	ND	ug/kg		200		1
	10/17/2012	14:24	(EPA 8082)	Decachlorobiphenyl	86	%				1
	10/17/2012	14:24	(EPA 8082)	Tetrachlorometaxylene	137	%				1

Sample Quantitation Limit (SQL) = MDL * Dilution Factor.

Rounding on totals after summation.

(c) - Indicates calculated results.

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.

ATTACHMENT 5

Annual Analytical Graphs



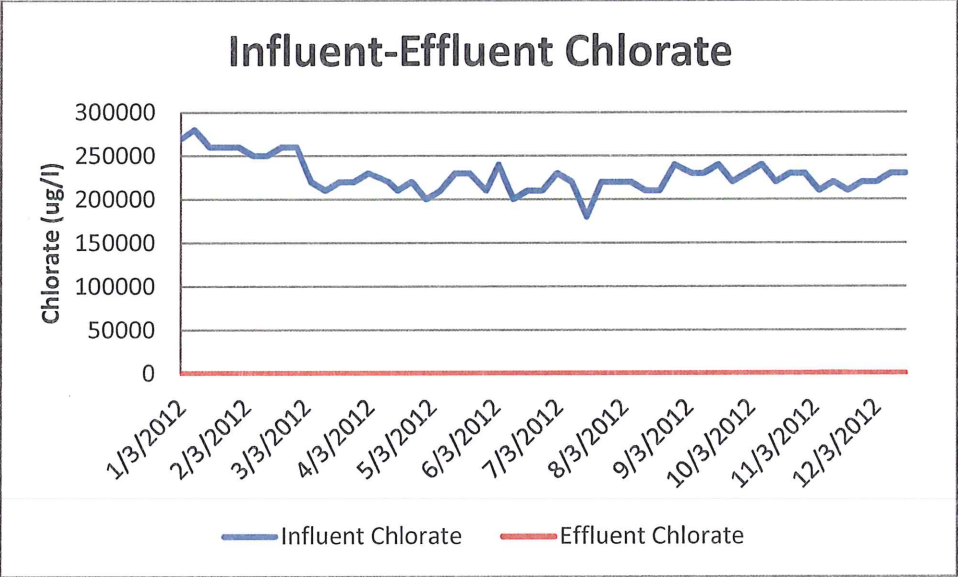
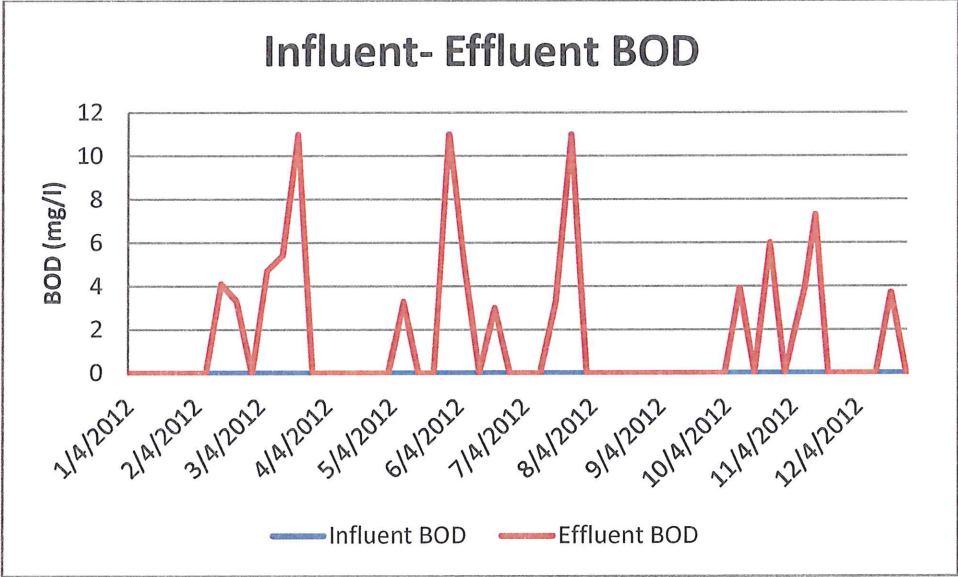
2012 Annual
Graphs.docx

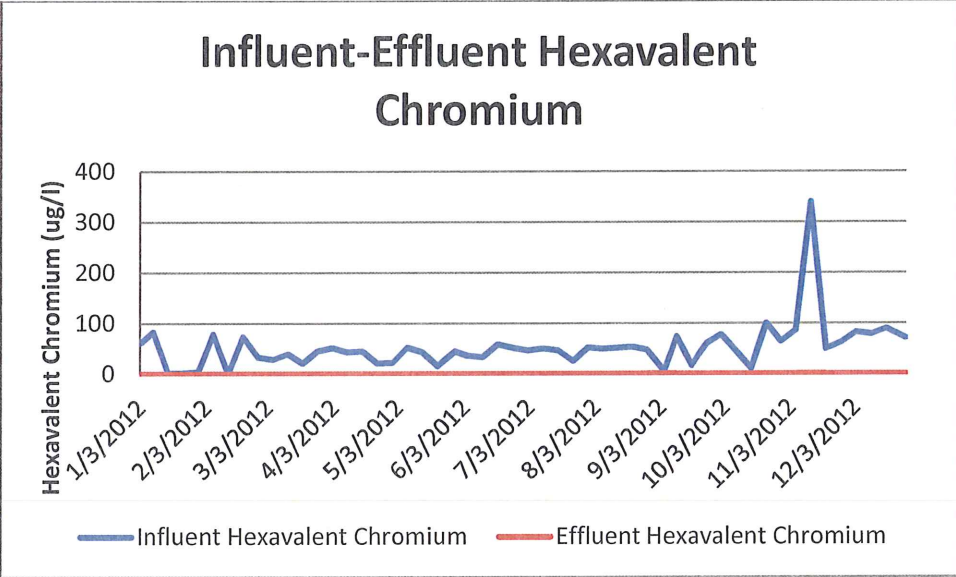
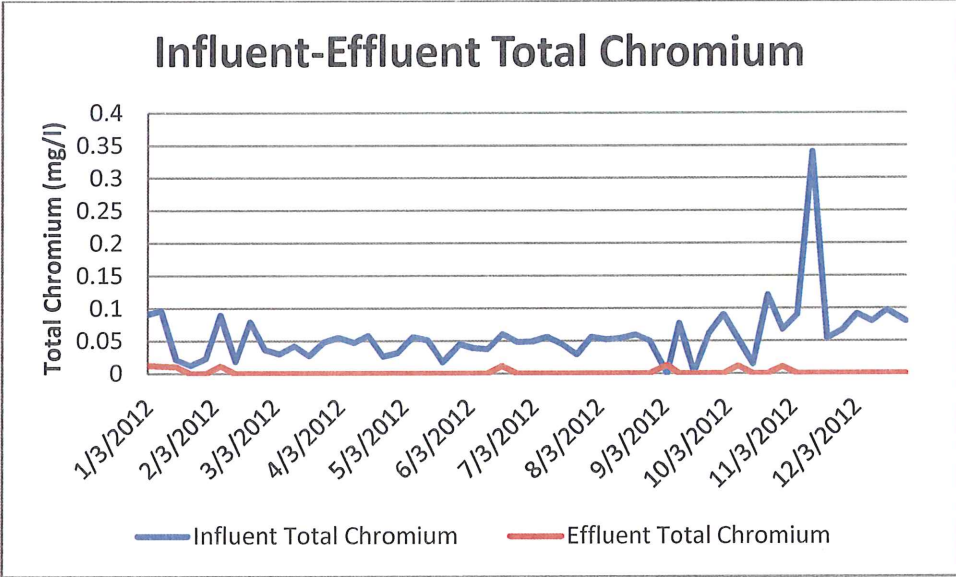


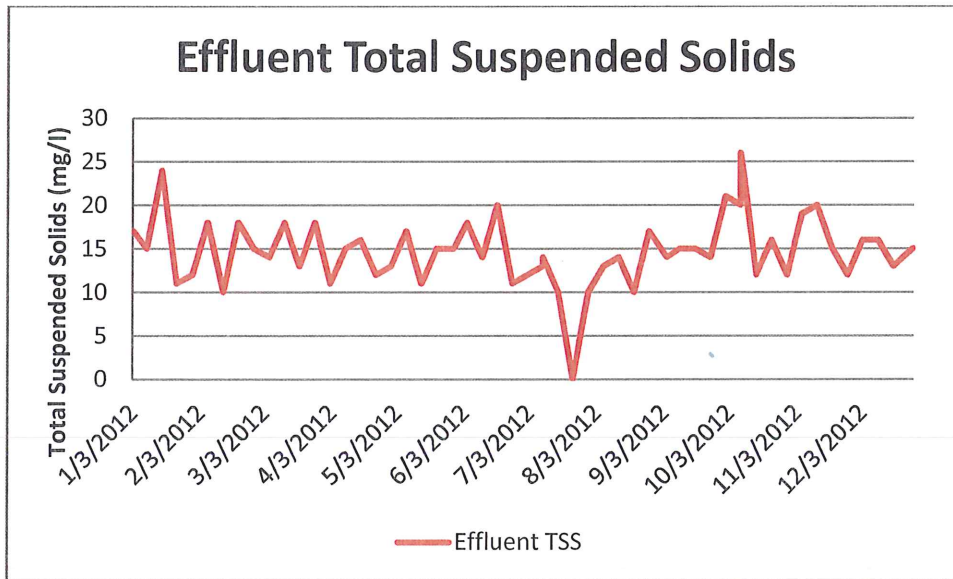
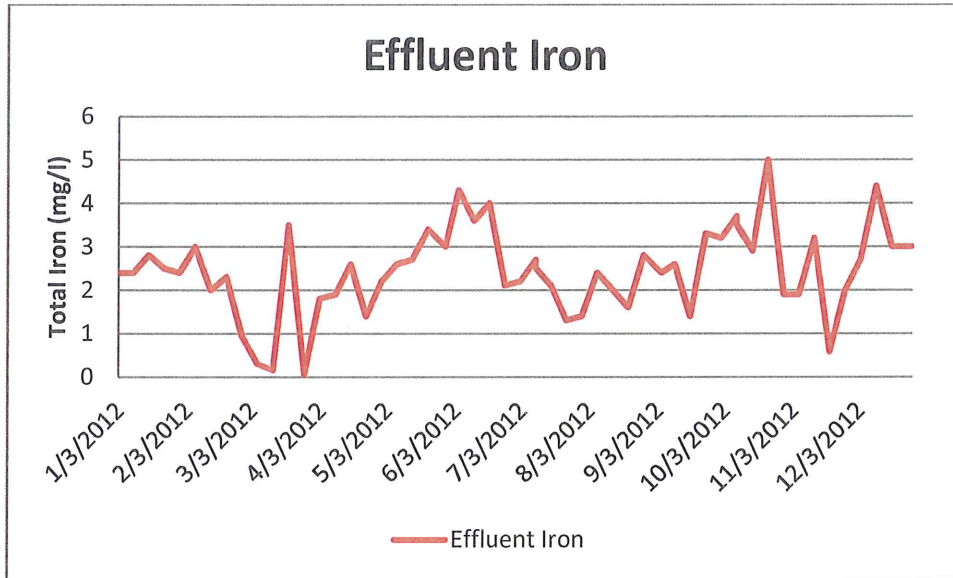
2012 Annual
Perchlorate Graphs.d

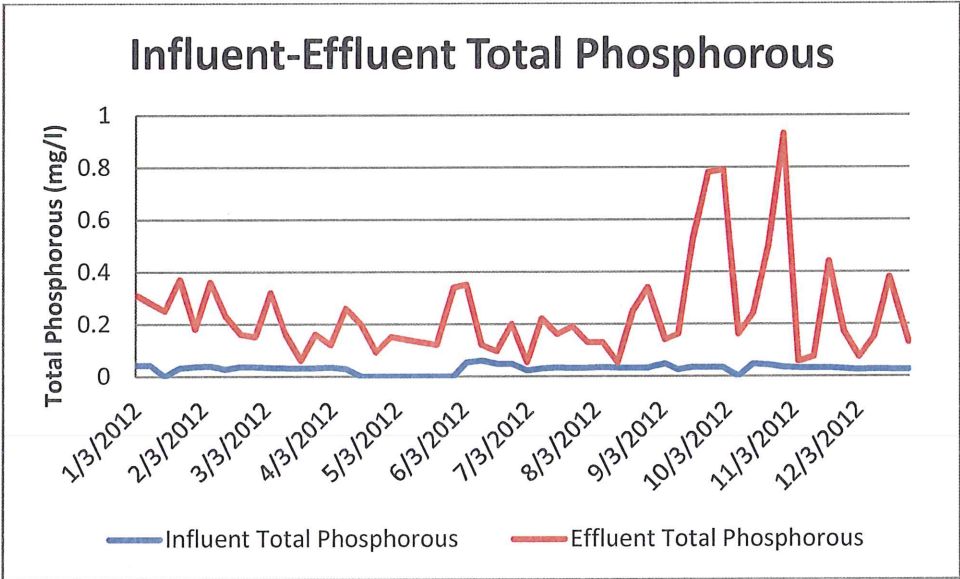
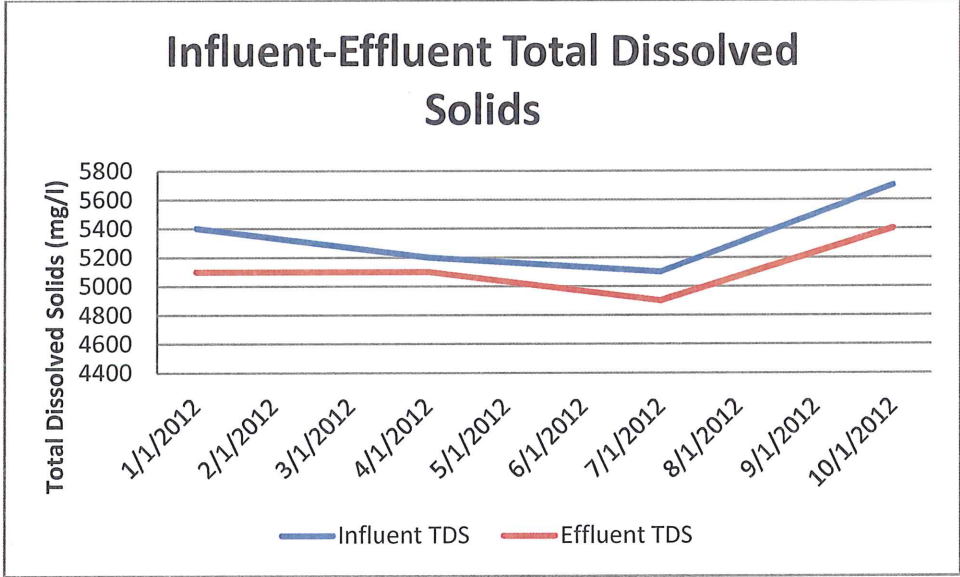


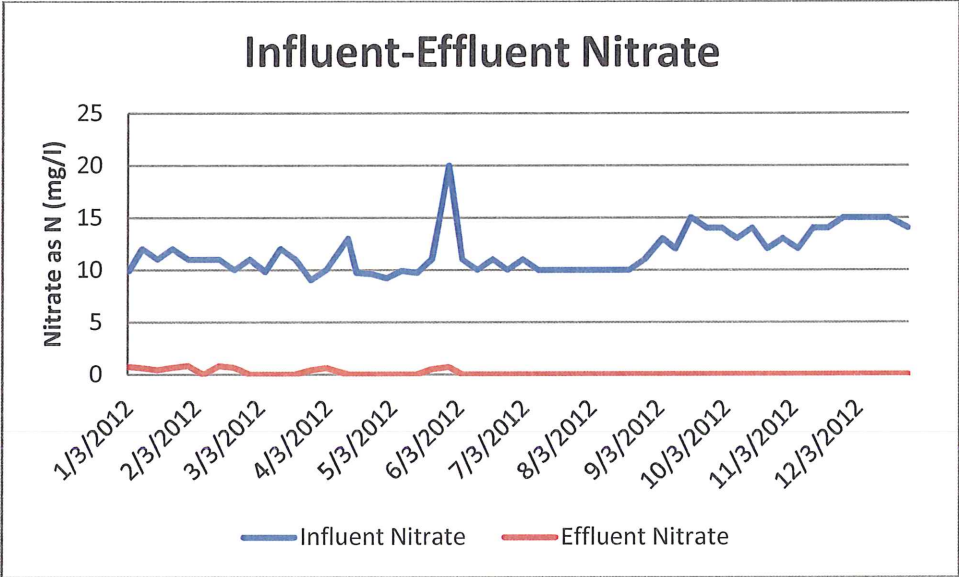
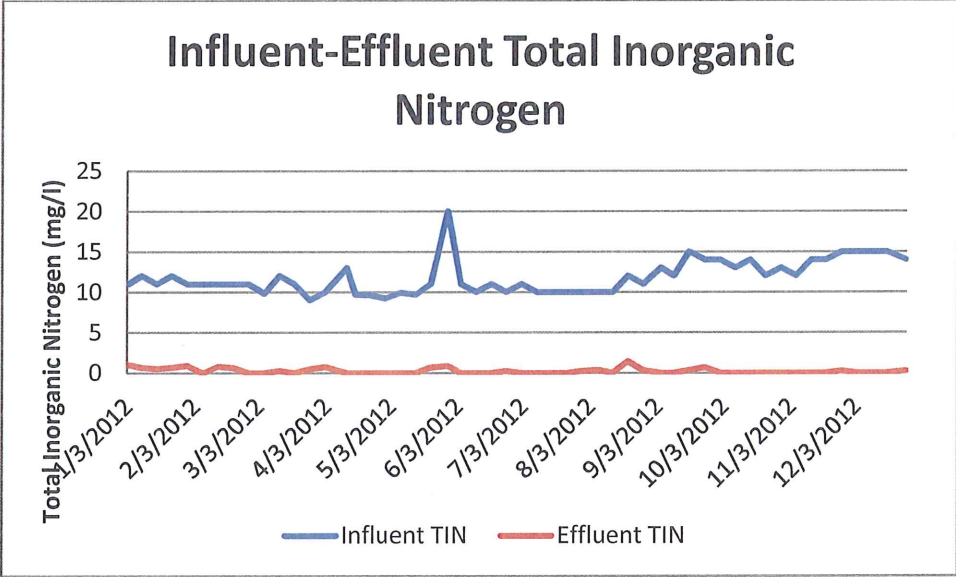
2012 Annual Wash
Graphs.docx



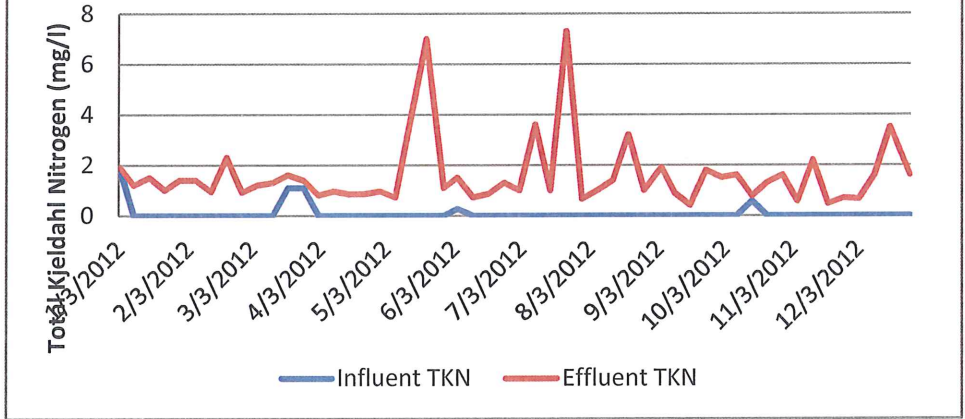




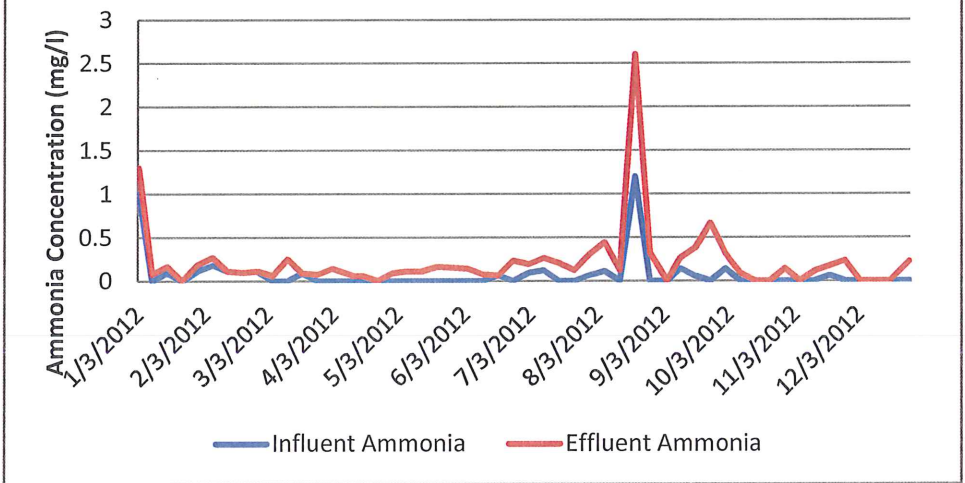


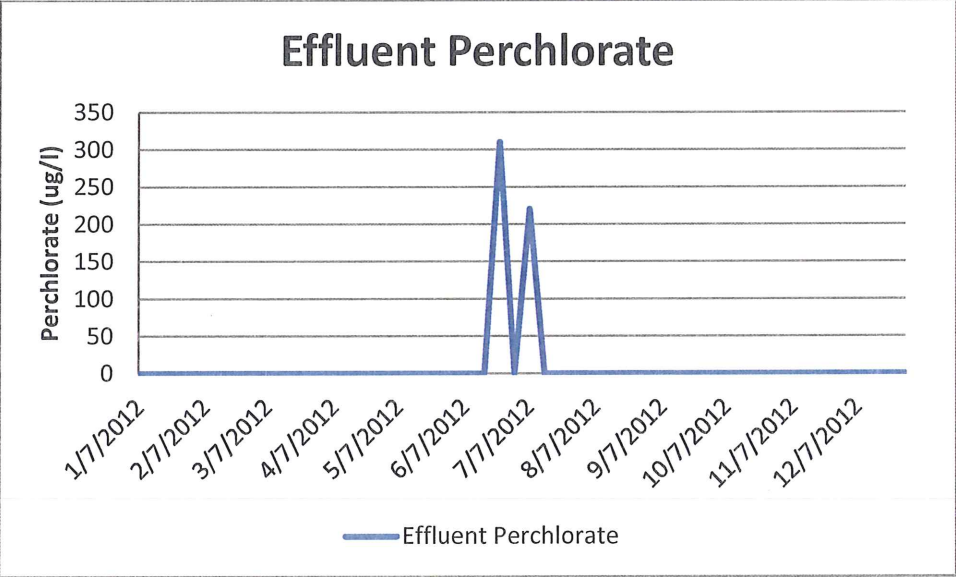
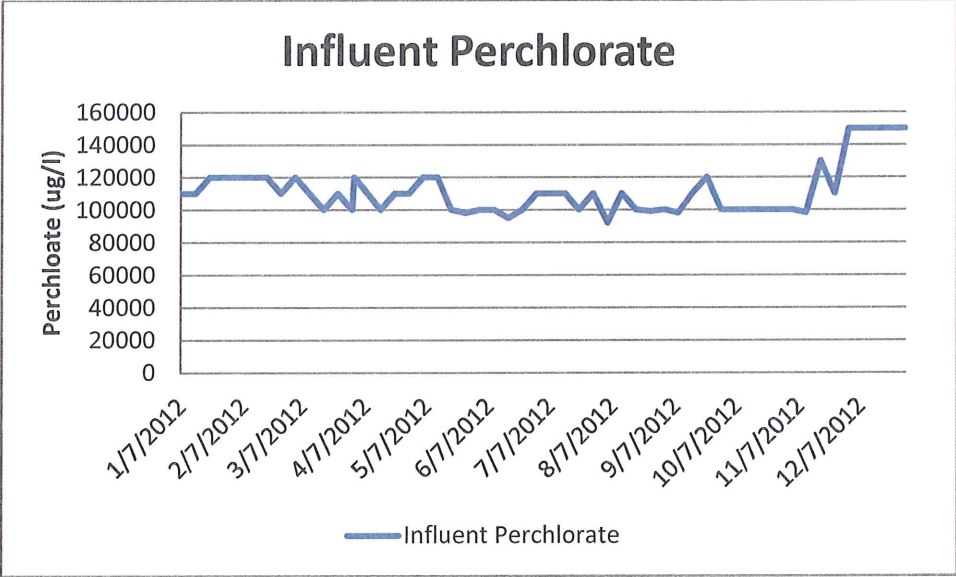


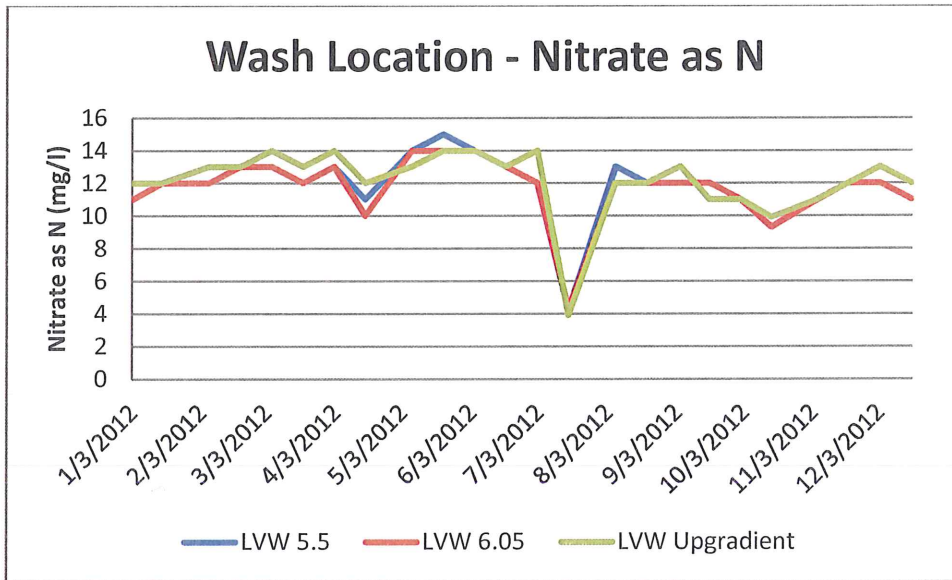
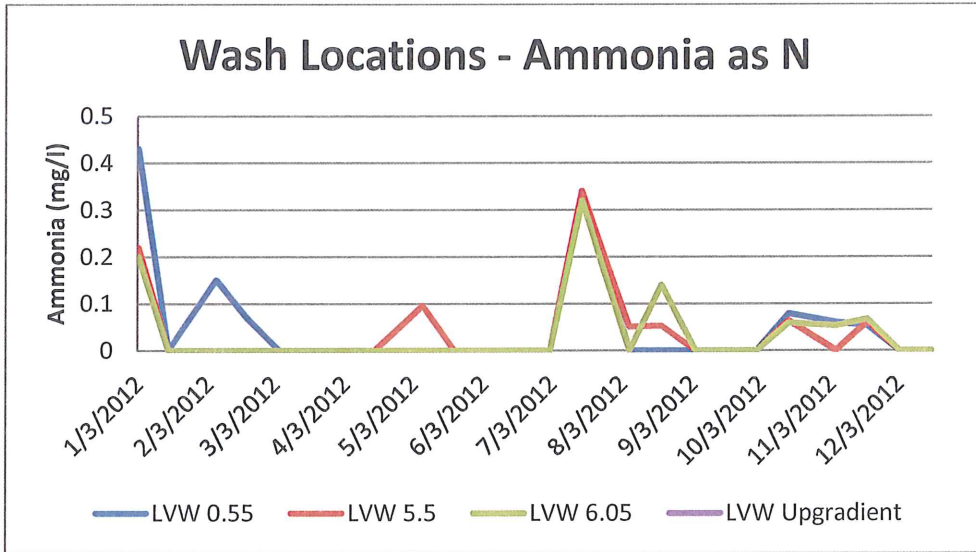
Influent-Effluent Total Kjeldahl Nitrogen

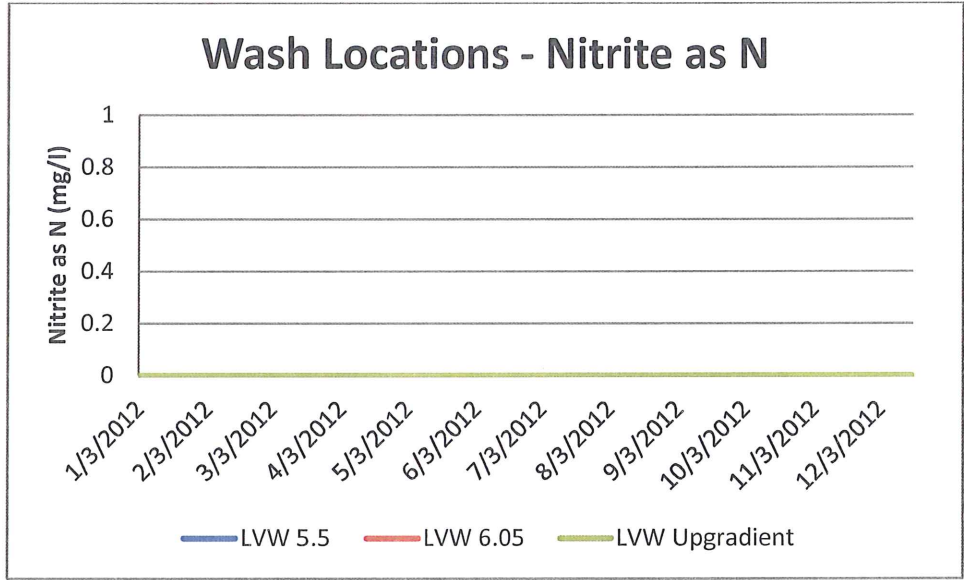


Influent-Effluent Ammonia









Please note that all values for Nitrite in the graph above are non-detect

