## ENVIRON

January 23, 2012

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

Dear Sirs:

SUBJECT: NPDES Permit NV0023060 - Discharge Monitoring Reports (DMRs) - 4th Quarter 2011

The Nevada Environmental Response Trust (NERT) maintains NPDES Permit NV0023060 for discharge of treated water, as part of their on-going effort to remediate perchlorate in the Henderson area. The attached DMRs (Attachment 1) reflect information associated with the remediation efforts, i.e. surface discharge of treated water near the Las Vegas Wash. Included with this correspondence is the October, November and December 2011 DMRs. 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 18 ug/l (ppb) permit limit for a monthly average concentration of total perchlorate concentration. Please 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.A.21, with this first report under the recently renewed NPDES permit (renewed effective December 14, 2011) notice is provided that Susan Crowley (CEM 1428) is the designated Certified Environmental Manager signing the DMRs.

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.

Compliance Coordinator January 23, 2012 Page 2

Should you have any questions concerning this report, please contact Susan Crowley at (702) 592-7727 cell or e-mail <a href="mailto:smcrowley@cox.net">smcrowley@cox.net</a>. Thank you.

Sincerely,

Allan DeLorme, P.E. Managing Principal

Overnight Mail Attachments

cc:

Please see attached distribution sheet

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Document Name:

NPDES Compliance Report Distribution - addressee highlighted in yellow

25-Oct-11

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Updated:

## NPDES Permit NV0023060 – 4th Q 2011 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

CEM 1428, expires 3-8-13

# Discharge Monitoring Reports (DMR)

11 Oct DMR.xls

October 2012

11 Nov DMR.xls

November 2012

December 2012

#### 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					
FROM	11	10	01	то	11	10	31					

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER			QUANTITY OR LOADIN			UALITY OR CONCENTR	ATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
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Effluent	PERMIT REQUIREMENT	1.45 MGD Maximum	1.75 MGD Maximum		*****	*****	常常有效较为				
BOD5 (Inhibited)	SAMPLE MEASUREMENT	****	*****	***	3.6	5.0	40.60	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
BOD5 (Inhibited)	SAMPLE MEASUREMENT	*****	*****	***	1.4	2.7	16.01	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day				
Perchlorate FBR	SAMPLE MEASUREMENT	*****	****	***	122	130	1,338	MG/L	0	Weekly	Comp
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Perchlorate FBR	SAMPLE MEASUREMENT	****	****	***	0.25	0.25	0.00	UG/L	0	Weekly	Comp
Effluent	PERMIT REQUIREMENT	*****	****	****	18 ug/l	Monitor & Report	0.22 lbs/day				
рН	SAMPLE MEASUREMENT	*****	****	***	7.0	7.20	****	SU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	******	*****	****	6.5 Minimum	9.0 Maximum	****				
Hexavalent Chormium	SAMPLE MEASUREMENT	*****	***	***	0.008	0.020	0.087	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	******	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
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PAGE 1 OF 6

#### 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

<b>DISCHARGE</b>	<b>MONITORING</b>	REPORT	(DMR)

NV 0023060 PERMIT NUMBER

001 DISCHARGE NUMBER

	MONITORING PERIOD										
	YEAR	MO	DAY	·	YEAR	MO	DAY				
FROM	11	10	01	TO	11	10	31				

PARAMETER			QUANTITY OR LOADII	NG	QUALITY OR CONCENTRATION					FREQUENCY OF ANALYSIS	SAMPLE
Hoveyclant Chromium	CAMBLE	30 Day Ave	·7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	UNITS	EX	OF ANALYSIS	TYPE
Hexavalent Chromium	SAMPLE MEASUREMENT	*****	****	****	0.000	0.000	0.000	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	0.01 mg/l	Monitor & Report				
Total Chromium	SAMPLE MEASUREMENT	******	****	***	0.042	0.095	0.467	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor &	Monitor &				
Total Chromium	SAMPLE MEASUREMENT	*****	*****	***	0.007	Report 0.013	Report 0.082	MG/L	0	Weekly	Discrete
Effluent	PREMIT REQUIREMENT	*****	*****	****	Monitor & Report	0.1 mg/l	Monitor &				
Total Suspended Solids	SAMPLE MEASUREMENT	****	*****	****	11.80	21.00	Report 130.22	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	135 mg/l	Monitor & Report	1,634 lbs/day	1			
ron, Total	SAMPLE MEASUREMENT	为水水水水	****	****	2.36	4.40	25.91	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	10 mg/l	Monitor & Report	121.03 lbs/day				
Manganese	SAMPLE MEASUREMENT	****	*****	***	0.76	*****	8.22	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	***	5 mg/l	NA	60.52 lbs/day				
otal Phosphorus, as P	SAMPLE MEASUREMENT	*****	*****	***	0.083	0.140	0.924	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	*****	******	***	Monitor & Report	Monitor & Report	Monitor & Report				
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# PERMITTEE NAME/ADDRESS DISCHARGE MONITORING REPORT (DMR) Name: Nevada Environmental Response Trust NV 0023060 Address: CO Veolia Water NA PERMIT NUMBER 510 Fourth Street Henderson, NV. 89015 Facility: Nevada Environmental Response Trust Location: Henderson, NV FRO Attn: Susan M. Crowley

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001 DISCHARGE NUMBER

	MONITORING PERIOD											
	YEAR	MO	DAY		YEAR	MO	DAY					
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Total Phosphorus, as P	SAMPLE MEASUREMENT	****	*****	***	0.308	0.640	3.421	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	20 lbs/day				
Total Ammonia, as N	SAMPLE MEASUREMENT	*****	*****	***	0.30	0.34	3.35	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	40 lbs/day				
Attachment A	SAMPLE MEASUREMENT	*****	*****	***		se see attached re	esults		0	Quarterly	Discrete
Effluent	PREMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Color	SAMPLE MEASUREMENT	*****	****	****	25	40	******	ACU	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	***	Monitor & Report	Monitor & Report	*****				
Color	SAMPLE MEASUREMENT	计算性分析	****	****	28.00	50.00	*****	ACU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	****	*****	****	Monitor & Report	Monitor &	*****				
Total Inorganic Nitrogen, as N	SAMPLE MEASUREMENT	<b>有有有有效</b>	*****	***	13.80	Report 16.00	152.59	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	*****	******	****	Monitor & Report	Monitor & Report	Monitor & Report				
Гotal Inorganic Nitrogen, as N	SAMPLE MEASUREMENT	****	****	***	0.69	0.96		MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
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#### 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									
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MEASUREMENT		*****	****	1,500	*****	16,902	MG/L	0	Monthly	Discrete
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SAMPLE MEASUREMENT	****	*****	***	1,400	*****	15,775	MG/L	0	Monthly	Discrete
PERMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &				
SAMPLE MEASUREMENT	****	*****	***	6,000	****	Report 64,923	MG/L	0	Quarterly	Discrete
PREMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &				
SAMPLE MEASUREMENT	****	****	****	5,600	*****	60,595	MG/L	0	Quarterly	Discrete
PERMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &				
SAMPLE MEASUREMENT	****	****	***	0.01	*****	0.13	MG/L	0	Monthly	Discrete
PERMIT REQUIREMENT	******	*****	****	Monitor &	*****	Monitor &				
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### 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 Susan M. Crowley

DISCHARGE MONITORING	REPORT	(DMR
NV 0023060		04

DISCHARGE NUMBER PERMIT NUMBER

	MONITORING PERIOD										
	YEAR	MO	DAY		YEAR	MO	DAY				
FROM	11	10	01	то	11	10	31				

PARAMETER			QUANTITY OR LOADI	NG	QU	ALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Oil & Grease		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day)	UNITS		OF ANALISIS	TYPE
	SAMPLE MEASUREMENT	*****	*****	***	2.30	*****	25.92	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	also his also also destas	*****	****	Monitor & Report	*****	Monitor & Report				
Boron	SAMPLE MEASUREMENT	*****	*****	***	2.70	*****	29.22	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor &				
Dissolved Oxygen	SAMPLE MEASUREMENT	法法律法法	***	****	6.97	7.46	Report 78.23	MG/L	0	Weekly	Discrete
Effuent	PREMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor &				
Nitrate as N	SAMPLE MEASUREMENT	****	*****	****	0.45	*****	Report 4.90	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	<b>大水水水水</b>	*****	***	Monitor & Report	*****	Monitor &				
Kjeldahl Nitrogen as N	SAMPLE MEASUREMENT	*****	****	***	2.22	5.20	Report 25.06	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	<b>埃米米米</b>	*****	****	Monitor &	Monitor &	Monitor &				
Kjeldahl Nitrogen as N	SAMPLE MEASUREMENT	****	*****	***	Report 1.87	Report 3.60	Report 20.92	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Chloride	SAMPLE MEASUREMENT	****	*****	***	1,800	*****	19,477	MG/L	0	Quarterly	Discrete
nfluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor & Report				
AME/TITLE PRINCIPAL EXECUTI Susan Crowley	VE OFFICER DIRECTION OF	DER PENALTY OF LAW THAT TI R SUPERVISION IN ACCORDAN ATHER AND EVALUATE THE INF		IMENTS WERE PREPARED UN O ASSURE THAT QUALIFIED F ON MY INQUIRY OF THE PERS	PERSONNEL	0		PHONE		DATE	
EM 1428, exp 3-8-13 TYPED OR PRINTED	INFORMATION	I, THE INFORMATION SUBMITTI	THOSE PERSONS DIRECTLY RESI ED IS, TO THE BEST OF MY KNOV ARE SIGNIFICANT PENALTIES FO	VLEDGE AND BELIEF, TRUE, A	CCURATE, SIGNATURE O	F PRICIPAL EXECT	TIVE 702 592-7	727	12	01	23
COMMENT AND EXPANATION	INCLUDING TH	E POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VI		_	UTHORIZED AGEN	AREA N	IUMBER	YEAR	MONTH	DAY

#### 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						
FROM	11	10	01	то	11	10	31						

PARAMETER			QUANTITY OR LOADIN	IG	QU	JALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Chloride		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS		OI MALIGIS	TYPE
•	SAMPLE MEASUREMENT	*****	*****	****	2,000	*****	21,641	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	<b>作出资本收收</b>	*****	****	Monitor & Report	*****	Monitor & Report				
Radium 226 + 228	SAMPLE MEASUREMENT	*****	*****	***	1.48	1.65	*****	pCi/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor &	*****				
Gross Alpha	SAMPLE MEASUREMENT	****	*****	***	17.62	Report 20.50	*****	pCi/L	0	Weekly	Discrete
Effluent	PREMIT REQUIREMENT	**************************************	*****	****	Monitor & Report	Monitor & Report	*****				
Chlorate	SAMPLE MEASUREMENT	****	*****	***	234	*****	2,577	MG/L	0	Monthly	Discrete
Influent	PERMIT REQUIREMENT	****	*****	****	Monitor & Report	*****	Monitor & Report				
Chlorate	SAMPLE MEASUREMENT	*****	*****	***	0.01	*****	0.11	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	***	Monitor & Report	*****	Monitor &				
	SAMPLE MEASUREMENT	水水水水水	*****	***	ТСРОП		Report		0		
	PERMIT REQUIREMENT	协会安全专	*****	***							
	SAMPLE MEASUREMENT	****	****	***					0		
	PERMIT REQUIREMENT	*****	******	****							
IAME/TITLE PRINCIPAL EXECU Susan Crowley	TIVE OFFICER DIRECTION OF	SUPERVISION IN ACCORDAN	HIS DOCUMENT AND ALL ATTACHM CE WITH A SYSTEM DESIGNED TO CORMATION SUBMITTED. BASED O	ASSURE THAT QUALIFIED F	PERSONNEL	0	TELE	EPHONE		DATE	
EM 1428, exp 3-8-13  TYPED OR PRINTE	INFORMATION	O MANAGE THE SYSTEM, OR T THE INFORMATION SUBMITTI E. I AM AWARE THAT THERE.	HOSE PERSONS DIRECTLY RESP ED IS, TO THE BEST OF MY KNOW! ARE SIGNIFICANT PENALTIES FOR		CCURATE, SIGNATURE C	UP PRICIPAL EXECT		7727	12	01	23
COMMENT AND EXPANATION	INCLUDING TH	E POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VIO		_ '	UTHORIZED AGEN	AREA	NUMBER	YEAR	MONTH	DAY

#### 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	MQ	DAY				
FROM	11	11	01	то	11	11	30				

PARAMETER			QUANTITY OR LOADIN	IG	C	QUALITY OR CONCENTRA	ATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Flow	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/da	V UNITS		OF ANALTSIS	TYPE
	MEASUREMENT	1.29	1.35	MGD	*****	*****	*****		0	Cont	Flow Mete
Effluent	PERMIT REQUIREMENT	1.45 MGD Maximum	1.75 MGD Maximum		*****	*****	*****				
BOD5 (Inhibited)	SAMPLE MEASUREMENT	*********	*****	***	1.6	3.3	17.38	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	Monitor &	Monitor &				
BOD5 (Inhibited)	SAMPLE MEASUREMENT	****	*****	****	Report 1.0	Report 1.0	Report 10.90	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day				
Perchlorate FBR	SAMPLE MEASUREMENT	特殊性性	****	***	113	120	1,257	MG/L	0	Weekly	Comp
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor &				
Perchlorate FBR	SAMPLE MEASUREMENT	*****	*****	***	0.25	0.25	Report 0.00	UG/L	0	Weekly	Comp
Effluent	PERMIT REQUIREMENT	*************************************	******	****	18 ug/l	Monitor &	0.22 lbs/day				
ρΗ	SAMPLE MEASUREMENT	***************************************	*****	***	7.0	Report 7.10	*****	SU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	6.5 Minimum	9.0 Maximum	*****				
Hexavalent Chormium	SAMPLE MEASUREMENT	*****	*****	***	0.042	0.070	0.464	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
IAME/TITLE PRINCIPAL EXECU Susan Crowley	TIVE OFFICER DIRECTION OR	ER PENALTY OF LAW THAT THIS SUPERVISION IN ACCORDANCE THER AND EVALUATE THE INFOR	TO AC	ITS WERE PREPARED U SSURE THAT QUALIFIED MY INQUIRY OF THE PER	NDER MY PERSONNEL			EPHONE		DATE	
EM 1428, exp 3-8-12 TYPED OR PRINTE	INFORMATION,	D MANAGE THE SYSTEM, OR THO THE INFORMATION SUBMITTED I E. I AM AWARE THAT THERE ARE	S, TO THE BEST OF MY KNOWLED	IGE AND BELIEF, TRUE, A	ACCURATE, SIGNATURE C	CONCLADO PRICIPAL EXECUT	the same of the state of the same of the	2-7727	12	Οl	23
COMMENT AND EXPANATION	INCLUDING THE	E POSSIBILITY OF FINE AND IMPR	SIONMENT FOR KNOWING VIOLAT		_	AUTHORIZED AGENT	AREA N	NUMBER	YEAR	MONTH	DAY

#### PERMITTEE NAME/ADDRESS

Name: Nevada Environmental Response Trust

Address: CO Veolia Water NA 510 Fourth Street

510 Fourth Street Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV Attn: Susan M. Crowley

DISCHARGE	MONITORING	REPORT	(DMD)
	MOINT OISING	NEFURI	IDMKI

NV 0023060 PERMIT NUMBER

001 DISCHARGE NUMBER

	MONITORING PERIOD									
	YEAR	MO	DAY		YEAR	МО	DAY			
FROM	11	11	01	ТО	11	11	30			

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER			QUANTITY OR LOADIN	IG	Q	JALITY OR CONCENTI	RATION		NO.	FREQUENCY	SAMPLE
Hoverslant Characi		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day)	LUNITS	EX	OF ANALYSIS	TYPE
Hexavalent Chromium	SAMPLE MEASUREMENT	*****	*****	***	0.000	0.000	0.000	MG/L	0	Weekly	Discret
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	0.01 mg/l	Monitor &				
Total Chromium	SAMPLE MEASUREMENT	*****	****	***	0.065	0.100	Report 0.715	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	Monitor &	Monitor &	1			
Total Chromium	SAMPLE	****	*****		Report	Report	Report				
Effluent	MEASUREMENT	****		***	0.006	0.010	0.068	MG/L	0	Weekly	Discrete
	PREMIT REQUIREMENT		*****	****	Monitor & Report	0.1 mg/l	Monitor & Report	1			
Total Suspended Solids	SAMPLE MEASUREMENT	****	*****	***	8.25	10.00	The second secon	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	135 mg/l	Monitor & Report	1,634 lbs/day				
Iron, Total	SAMPLE MEASUREMENT	****	*****	***	1.81	2.40	20.18	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	***	10 mg/l	Monitor & Report	121.03 lbs/day				
Manganese	SAMPLE MEASUREMENT	****	*****	***	*	*****	*	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	***	5 mg/l	NA	60.52 lbs/day				
Total Phosphorus, as P	SAMPLE MEASUREMENT	*****	*****	***	0.056	0.074	0.619	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	****	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
AME/TITLE PRINCIPAL EXECUTI Susan Crowley	I CERTIFY UND VE OFFICER DIRECTION OF PROPERLY GA	DER PENALTY OF LAW THAT TH R SUPERVISION IN ACCORDANC THER AND EVALUATE THE INFO	IIS DOCUMENT AND ALL ATTACHN DE WITH A SYSTEM DESIGNED TO ORMATION SUBMITTED. BASED C	IENTS WERE PREPARED UN ASSURE THAT QUALIFIED P IN MY INQUIRY OF THE PERS	DER MY ERSONNEL			PHONE		DATE	
CEM 1428, exp 3-8-12 TYPED OR PRINTED	INFORMATION	O MANAGE THE SYSTEM, OR TI THE INFORMATION SUBMITTE E. I AM AWARE THAT THERE A	HOSE PERSONS DIRECTLY RESPO	ONSIBLE FOR GATHERING TH EDGE AND BELIEF, TRUE, A	SIGNATURE O	PRICIPALEXECU			12	01	23
COMMENT AND EXPANATION	INCLUDING TH	E POSSIBILITY OF FINE AND IM	PRSIONMENT FOR KNOWING VIOL		_	NUTHORIZED AGEN	AREA N IT CODE	UMBER	YEAR	MONTH	DAY

\* Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

#### 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				
FROM	11	11	01	TO	11	11	30				

PARAMETER	1 -		QUANTITY OR LOAD		QL	JALITY OR CONCENTE	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Total Phosphorus, as P	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	V) UNITS		OF ANALTSIS	TYPE
	MEASUREMENT			***	0.210	0.270	2.320	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	**************************************	*****	****	Monitor & Report	Monitor & Report	20 lbs/day	1			
Total Ammonia, as N	SAMPLE MEASUREMENT	****	*****	****	0.07	0.14	0.75	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	<b>卡水水水水</b>	*****	****	Monitor & Report	Monitor & Report	40 lbs/day				
Attachment A	SAMPLE MEASUREMENT	******	*****	****	the state of the s	se see attached re	esults	1	0	Quarterly	Discrete
Effluent	PREMIT REQUIREMENT	*****	******	****	Monitor & Report	Monitor & Report	Monitor &				
Color	SAMPLE MEASUREMENT	****	****	****	25	35	Report	ACU	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	*****				
Color	SAMPLE MEASUREMENT	****	****	***	17.50	20.00	*****	ACU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	Monitor &	*****				
Гotal Inorganic Nitrogen, as N	SAMPLE MEASUREMENT	****	*****	***	Report 13.00	Report 15.00	144.16	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	*****	******	****	Monitor & Report	Monitor & Report	Monitor &				
Fotal Inorganic Nitrogen, as N	SAMPLE MEASUREMENT	****	*****	***	0.49	0.73	Report 5.37	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	*****	******	****	Monitor & Report	Monitor & Report	Monitor & Report				
IAME/TITLE PRINCIPAL EXECUTIVE Susan Crowley	I CERTIFY UND DIRECTION OR PROPERLY GA	ER PENALTY OF LAW THAT TH SUPERVISION IN ACCORDANC THER AND EVALUATE THE INFO	S DOCUMENT AND ALL ATTACH E WITH A SYSTEM DESIGNED TO RMATION SUBMITTED. BASED (	MENTS WERE PREPARED UND DASSURE THAT QUALIFIED PE DO MY INQUIRY OF THE PERSO	ER MY RSONNEL			EPHONE		DATE	
CEM 1428, exp 3-8-12 TYPED OR PRINTED	PERSONS WHO INFORMATION, AND COMPLETI	D MANAGE THE SYSTEM, OR THE THE INFORMATION SUBMITTED  E. I AM AWARE THAT THERE A	IS, TO THE BEST OF MY KNOW	ONSIBLE FOR GATHERING THI LEDGE AND BELIEF, TRUE, AC SUBMITTING FALSE INFORMA	SIGNATURE O	MUN F PRICIPAL EXECU		-7727	12	01	23
OMMENT AND EXPANATION	INCLUDING THE	E POSSIBILITY OF FINE AND IMP	RSIONMENT FOR KNOWING VIO			UTHORIZED AGEN	AREA	The second secon	YEAR	MONTH	DAY

#### 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				
FROM	11	11	01	TO	11	11	30				

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER			QUANTITY OR LOADIN		Qi	UALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Sulfate	OAMBI E	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS	<b>-</b> ^	OI AIKALI GIG	TYPE
	SAMPLE MEASUREMENT		*****	***	1,500	*****	15,988	MG/L	0	Monthly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor &				
Sulfate	SAMPLE MEASUREMENT	<b>治疗水物</b>	*****	***	1,300	*****	Report 13,557	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &				
Total Dissolved Solids	SAMPLE MEASUREMENT	*****	*****	***	Report *	*****	Report *	MG/L	0	Quarterly	Discrete
Influent	PREMIT REQUIREMENT	水水水水水	*****	****	Monitor & Report	*****	Monitor &				
Total Dissolved Solids	SAMPLE MEASUREMENT	*****	****	****	*	*****	Report *	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor &				
Sulfide	SAMPLE MEASUREMENT	介含有分子文	****	***	0.01	*****	Report 0.13	MG/L	0	Monthly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor &				
Sulfide	SAMPLE MEASUREMENT	10 th 16 th 16 th	****	***	0.01	*****	Report 0.13	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	*****	******	***	Monitor & Report	*****	Monitor & Report				
Oil & Grease	SAMPLE MEASUREMENT	The side side side side	****	***	*	*****	*	MG/L	0	Quarterly	Discrete
nfluent	PERMIT REQUIREMENT	****	*****	****	Monitor & Report	*****	Monitor & Report				
NAME/TITLE PRINCIPAL EXECUTION  Susan Crowley		N OR SUPERVISION IN ACCORDAN	HIS DOCUMENT AND ALL ATTACHN CE WITH A SYSTEM DESIGNED TO CORMATION SUBMITTED, BASED O	MENTS WERE PREPARED UN ASSURE THAT QUALIFIED F ON MY INQUIRY OF THE PERS	TRACTICAL A	0		EPHONE		DATE	
CEM 1428, exp 3-8-12 TYPED OR PRINTED	INFORMAT	WHO MANAGE THE SYSTEM, OR T TON, THE INFORMATION SUBMITTE PLETE. I AM AWARE THAT THERE A		EDGE AND BELIEF, TRUE, A	SIGNATURE	DF PRICIPAL EXECU		7727	12	Ol	23
COMMENT AND EXPANATION	INCLUDING	THE POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VIO		_	U AUTHORIZED AGEN	AREA IT CODE	NUMBER	YEAR	MONTH	DAY

\* Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

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)
	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I		
A II / 0000000			

NV 0023060 PERMIT NUMBER

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

PARAMETER			QUANTITY OR LOADIN	IG	Ql	JALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Oil & Grease		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS	1 ^^	or ravalroid	TYPE
	SAMPLE MEASUREMENT	**** <b>*</b>	*****	****	*	*****	*	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	******	*****	****	Monitor & Report	*****	Monitor & Report				
Boron	SAMPLE MEASUREMENT	*****	*****	***	*	*****	* Kepon	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &	1			
Dissolved Oxygen	SAMPLE MEASUREMENT	****	*****	***	Report 7.64	8.17	Report 83.28	MG/L	0	Weekly	Discrete
Effuent	PREMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor & Report	Monitor &				
Nitrate as N	SAMPLE MEASUREMENT	**** <b>*</b>	*****	***	0.41	*****	Report 4.45	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	*****	Monitor & Report				
Kjeldahl Nitrogen as N	SAMPLE MEASUREMENT	** ** ** **	****	***	1.64	5.30	18.27	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	*****	****	Monitor & Report	Monitor &	Monitor &				
Kjeldahl Nitrogen as N	SAMPLE MEASUREMENT	*****	******	***	1.44	Report 2.20	Report 15.91	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	******	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
Chloride	SAMPLE MEASUREMENT	*****	****	***	*	*****	*	MG/L	0	Quarterly	Discrete
nfluent	PERMIT REQUIREMENT	******	*****	****	Monitor & Report	*****	Monitor & Report				
NAME/TITLE PRINCIPAL EXECUTIVE Susan Crowley	VE OFFICER DIRECTION PROPERLY	INDER PENALTY OF LAW THAT TI OR SUPERVISION IN ACCORDAN GATHER AND EVALUATE THE INF		MENTS WERE PREPARED UP ASSURE THAT QUALIFIED I ON MY INQUIRY OF THE PER	REGCONNEL .	0.	TELI	PHONE		DATE	
CEM 1428, exp 3-8-12 TYPED OR PRINTED	PERSONS V INFORMATI	VHO MANAGE THE SYSTEM, OR T ON, THE INFORMATION SUBMITTI LETE. I AM AWARE THAT THESE		ONSIBLE FOR GATHERING T LEDGE AND BELIEF, TRUE, A	SIGNATURE C	UONOLLA DE PRICIPAL EXECT	JTIVE 702 592-	7727	12	01	23
COMMENT AND EXPANATION	INCLUDING	THE POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VIO	SUBMITTING FALSE INFORI LATIONS.	•	<i>U</i> AUTHORIZED AGEN	AREA	NUMBER	YEAR	MONTH	DAY

<sup>\*</sup> Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

#### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTEE NAME/ADDRESS **DISCHARGE MONITORING REPORT (DMR)** Name: Nevada Environmental Response Trust NV 0023060 001 Address: CO Veolia Water NA PERMIT NUMBER DISCHARGE NUMBER 510 Fourth Street NO DISCHARGE Henderson, NV. 89015 MONITORING PERIOD NOTE: Read instructions before completing this form Facility: Nevada Environmental Response Trust YEAR MO DAY YEAR MO DAY Location: Henderson, NV FROM 11 11 01 TO 11 11 30 Susan M. Crowley QUANTITY OR LOADING QUALITY OR CONCENTRATION PARAMETER 30 Day Ave 7 Day Average UNITS 30 Day Ave (mg/l) 7 Day Ave (mg/l) 30 Day Ave(lbs/day) UNITS Chloride SAMPLE MG/L MEASUREMENT \*\*\* Effluent PERMIT \*\*\*\*\* \*\*\* Monitor & Monitor & REQUIREMENT Report Report Radium 226 + 228 \*\*\*\*\* SAMPLE \*\*\*\*\* 1.32 1.49 pCi/L MEASUREMENT \*\*\*\* Effluent PERMIT \*\*\*\* \*\*\* Monitor & Monitor & \*\*\*\*\* REQUIREMENT Report Report Gross Alpha SAMPLE \*\*\*\*\* \*\*\*\*\* 15.98 19.10 pCi/L MEASUREMENT Effluent PREMIT \*\*\*\*\* \*\*\*\*\* \*\*\*\* Monitor & Monitor & REQUIREMENT Report Report Chlorate SAMPLE \*\*\*\*\* 184 2,041 MG/L MEASUREMENT \*\*\*\* Influent PERMIT Monitor & Monitor & REQUIREMENT Report Report Chlorate SAMPLE \*\*\*\*\* \*\*\*\*\* 0.01 \*\*\*\*\* 0.07 MG/L MEASUREMENT \*\*\*

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley

TYPED OR PRINTED

CEM 1428, exp 3-8-12

Effluent

DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL ROPERLY 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

NFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE

IND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION,

\*\*\*\*\*

INCLUDING THE POSSIBILITY OF FINE AND IMPRSIONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRICIPAL EXECUTIVE 702 OFFICER OR AUTHORIZED AGENT

\*\*\*\*\*

Monitor &

Report

Monitor &

Report

**TELEPHONE** DATE 23 01 592-7727 NUMBER YEAR MONTH DAY

REQUENCY

OF ANALYSIS

Quarterly

Weekly

Weekly

Monthly

Monthly

SAMPLE

TYPE

Discrete

Discrete

Discrete

Discrete

Discrete

NO.

EX

0

0

0

0

0

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

PERMIT

REQUIREMENT

SAMPLE

MEASUREMENT

PERMIT

REQUIREMENT SAMPLE

MEASUREMENT

PERMIT

REQUIREMENT

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<sup>\*</sup> Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

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 Susan M. Crowley

DISCHARGE MONI	TORING REPORT (DMR
NV 0023060	001

DISCHARGE NUMBER PERMIT NUMBER

	MONITORING PERIOD										
	YEAR	MO	DAY		YEAR	MO	DAY				
FROM	11	12	01	то	11	12	31				

PARAMETER			QUANTITY OR LOADIN	IG	Q	UALITY OR CONCENTRA	ATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Flow		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/da	V UNITS		OF ANALYSIS	TYPE
·	SAMPLE MEASUREMENT	1.33	1.34	MGD	*****	****	*****		0	Cont	Flow Met
Effluent	PERMIT REQUIREMENT	1.45 MGD Maximum	1.75 MGD Maximum		*****	*****	*****	1			
BOD5 (Inhibited)	SAMPLE MEASUREMENT	*****	****	***	1.5	2.3	16.45	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMENT	*****	****	***	Monitor &	Monitor &	Monitor &	1			
BOD5 (Inhibited)	SAMPLE	****	****		Report	Report	Report				
Effluent	MEASUREMENT			***	4.8	8.0	51.69	MG/L	0	Weekly	Discrete
	PERMIT REQUIREMENT	<b>水块尖尖尖</b>	*****	****	25 mg/L	40 mg/L	254 lbs/day				
Perchiorate FBR	SAMPLE MEASUREMENT	अंग और और और	****	***	116	120	1,287	MG/L	0	Weekly	Comp
Influent	PERMIT REQUIREMENT	Ar strate de de	****	****	Monitor & Report	Monitor &	Monitor &	1			
Perchlorate FBR	SAMPLE MEASUREMENT	the the the the the	*****	***	0.25	Report 0.25	Report 0.00	UG/L	0	Weekly	Comp
Effluent	PERMIT REQUIREMENT	<b>特殊的方形</b> 术	*****	****	18 ug/l	Monitor &	0.22 lbs/day	-			
pΗ	SAMPLE MEASUREMENT	*****	****	***	7.0	Report 7.00	*****	SU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMENT	***********	*****	****	6.5 Minimum	9.0 Maximum	*****				
Hexavalent Chormium	SAMPLE MEASUREMENT	****	****	***	0.033	0.082	0.367	MG/L	0	Weekly	Discrete
nfluent	PERMIT REQUIREMENT	**************************************	*****	****	Monitor & Report	Monitor &	Monitor &				
IAME/TITLE PRINCIPAL EXECUT	TIVE OFFICER DIRECTION	INDER PENALTY OF LAW THAT THIS OR SUPERVISION IN ACCORDANCE GATHER AND EVALUATE THE INFOI	WITH A SYSTEM DESIGNED TO AS	NTS WERE PREPARED U SSURE THAT QUALIFIED MY INQUIRY OF THE PER	NDER MY PERSONNEL	Report	Report TEL	EPHONE		DATE	
<b>CEM 1428, exp 3-8-13</b> TYPED OR PRINTE	INFORMATIO	VHO MANAGE THE SYSTEM, OR THO DN, THE INFORMATION SUBMITTED LETE. I AM AWARE THAT THERE AR	OSE PERSONS DIRECTLY RESPONS IS, TO THE BEST OF MY KNOWLED E SIGNIFICANT PENALTIES FOR SU	GE AND BELIEF, TRUE,	ACCURATE, SIGNATURE O	LONGE F PRICIPAL EXEGUT	The state of the s	2-7727	12	01	23
COMMENT AND EXPANATION	INCLUDING	THE POSSIBILITY OF FINE AND IMPE	RSIONMENT FOR KNOWING VIOLAT		_	U AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MONTH	DAY

#### PERMITTEE NAME/ADDRESS

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Attn: Susan M. Crowley

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NV 0023060 PERMIT NUMBER 001 DISCHARGE NUMBER

	MONITORING PERIOD										
	YEAR	MO	DAY		YEAR	MO	DAY				
FROM	11	12	01	то	11	12	31				

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER			QUANTITY OR LOADIN	lG	Q	UALITY OR CONCENTI	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPL
Llavarialant Ob		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS	-^	o. Alaciois	TYPE
Hexavalent Chromium	SAMPLE MEASUREMENT	ple tife tife tife tife	****	****	0.000	0.000	0.000	MG/L	0	Weekly	Discre
Effluent	PERMIT REQUIREMENT	*****	****	****	Monitor & Report	0.01 mg/l	Monitor &	1			†
Total Chromium	SAMPLE	*****	*****		0.085	0.140	Report 0.945	MG/L	0	Weekly	Discre
Influent	MEASUREMENT PERMIT	****	****	****	Monitor &			_			Jioone
	REQUIREMENT				Report	Monitor & Report	Monitor &				
Total Chromium	SAMPLE MEASUREMENT	<b>安安市安安</b>	****	****	0.010	0.013	Report 0.111	MG/L	0	Weekly	Discre
Effluent	PREMIT REQUIREMENT	*****	*****	****	Monitor & Report	0.1 mg/l	Monitor & Report	1			
Total Suspended Solids	SAMPLE MEASUREMENT	*****	*****	***	16.00	20.00	178.08	MG/L	0	Weekly	Discre
Effluent	PERMIT REQUIREMENT	*****	****	***	135 mg/l	Monitor & Report	1,634 lbs/day				
ron, Total	SAMPLE MEASUREMENT	*****	****	***	2.95	4.20	32.88	MG/L	0	Weekly	Discre
Effluent	PERMIT REQUIREMENT	*****	*****	****	10 mg/l	Monitor & Report	121.03 lbs/day				
Manganese	SAMPLE MEASUREMENT	水安安场香水	****	***	*	*****	*	MG/L	0	Quarterly	Discre
Effluent	PERMIT REQUIREMENT	*****	****	****	5 mg/l	NA	60.52 lbs/day	-			
Fotal Phosphorus, as P	SAMPLE MEASUREMENT	****	*****	***	0.464	1.700	5.129	MG/L	0	Weekly	Discret
nfluent	PERMIT REQUIREMENT	******	*****	****	Monitor & Report	Monitor & Report	Monitor & Report				
AME/TITLE PRINCIPAL EXECUTIVE Susan Crowley	E OFFICER DIRECTION OF	R SUPERVISION IN ACCORDAN	HIS DOCUMENT AND ALL ATTACHM ICE WITH A SYSTEM DESIGNED TO FORMATION SUBMITTED, BASED C	ASSURE THAT QUALIFIED P	DER MY ERSONNEL	owlin	Commence of the Commence of th	EPHONE		DATE	<u> </u>
EM 1428, exp 3-8-13 TYPED OR PRINTED	INFORMATIO	O MANAGE THE SYSTEM, OR T N, THE INFORMATION SUBMITT TE. I AM AWARE THAT THERE	ED IS, TO THE BEST OF MY KNOWL	ONSIBLE FOR GATHERING TH EDGE AND BELIEF, TRUE, AC SUBMITTING FALSE INFORM	COURATE, SIGNATURE (	OF PRICIPAL EXECU	TAXABLE PARTY OF THE PARTY OF T	2-7727	12	01	23
COMMENT AND EXPANATION	INCLUDING TO	Reference all attac	MPRSIONMENT FOR KNOWING VIOL	LATIONS.	OFFICER OR	AUTHORIZED AGEN		NUMBER	YEAR	MONTH	DAY

\* Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

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NV 0023060 PERMIT NUMBER

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			MON	ITORING	PERIO	D	
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	12	01	TO	11	12	31

PARAMETER			QUANTITY OR LOADIN		Q	UALITY OR CONCENTE	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
Total Phoenhaus D	SAME -	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/da	y) UNITS	1 =^	OI ANALIOIS	TYPE
Total Phosphorus, as P	SAMPLE MEASUREME		*****	****	0.378	0.460	4.205	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMEN	****** NT	*****	***	Monitor & Report	Monitor & Report	20 lbs/day	7			
Total Ammonia, as N	SAMPLE MEASUREMEI	****** NT	*****	***	0.21	0.36	2.34	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMEN	****** VT	*****	****	Monitor & Report	Monitor & Report	40 lbs/day				
Attachment A	SAMPLE MEASUREMEI	****** NT	*****	***	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	se see attached re	esults		0	Quarterly	Discrete
Effluent	PREMIT REQUIREMEN	******	*****	***	Monitor & Report	Monitor & Report	Monitor & Report	1			
Color	SAMPLE MEASUREMEN	****** NT	*****	***	34	60	*****	ACU	0	Weekly	Discrete
Influent	PERMIT REQUIREMEN	*****	****	****	Monitor & Report	Monitor & Report	*****				
Color	SAMPLE MEASUREMEN	****** VT	****	****	16.25	25.00	*****	ACU	0	Weekly	Discrete
Effluent	PERMIT REQUIREMEN	*****	*****	***	Monitor & Report	Monitor & Report	*****	_			
Total Inorganic Nitrogen, as N	SAMPLE MEASUREMEN	**************************************	****	***	12.50	13.00	139.04	MG/L	0	Weekly	Discrete
Influent	PERMIT REQUIREMEN	*****	*****	***	Monitor & Report	Monitor & Report	Monitor & Report				
Total Inorganic Nitrogen, as N	SAMPLE MEASUREMEN	*****	*******	***	0.42	0.74	4.61	MG/L	0	Weekly	Discrete
Effluent	PERMIT REQUIREMEN	*****	****	****	Monitor & Report	Monitor & Report	Monitor & Report				
NAME/TITLE PRINCIPAL EXECUTIVI Susan Crowley	E OFFICER DIRECT	TIFY UNDER PENALTY OF LAW THAT TI CTION OR SUPERVISION IN ACCORDAN ERLY GATHER AND EVALUATE THE INF	CE WITH A SYSTEM DESIGNED TO	ENTS WERE PREPARED UNI ASSURE THAT QUALIFIED PE N MY INQUIRY OF THE PERS	DER MY ERSONNEL			EPHONE		DATE	
CEM 1428, exp 3-8-13 TYPED OR PRINTED	INFORI	ONS WHO MANAGE THE SYSTEM, OR T MATION, THE INFORMATION SUBMITTI OMPLETE. I AM AWARE THAT THERE A	ED IS, TO THE BEST OF MY KNOWL	EDGE AND BELIEF, TRUE, AC	SIGNATURE C	LONGLA EXECU		2-7727	12	Oι	23
INCLIDING THE POSSIBILITY OF FINE AND IMPRISIONMENT FOR KNOWING VIOLATIONS.  DMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)						AUTHORIZED AGEN	AREA T CODE	NUMBER	YEAR	MONTH	DAY

PERMITTEE NAME/ADDRESS

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Henderson, NV. 89015

Facility: Nevada Environmental Response Trust

Location: Henderson, NV Attn: Susan M. Crowley

DISCHARGE	MONITORING	REPORT	(DMR)
MV 0033060			24

NV 0023060 001 PERMIT NUMBER

DISCHARGE NUMBER

		MONITORING PERIOD										
	YEAR	MO	DAY		YEAR	MO	DAY					
FROM	11	12	01	то	11	12	31					

NO DISCHARGE NOTE: Read instructions before completing this form

PARAMETER	***************************************		QUANTITY OR LOADIN			UALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
Sulfate	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS	1 -^		ITPE
	MEASUREMEN	CO STATE OF THE PROPERTY OF TH	****	***	1,600	*****	17,685	MG/L	0	Monthly	Discrete
Influent	PERMIT REQUIREMEN	*****	*****	****	Monitor & Report	*****	Monitor &				
Sulfate	SAMPLE MEASUREMEN	*****	*****	****	1,400	*****	Report 15,475	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	*****	*****	****	Monitor &	*****	Monitor &	1	-		
Total Dissolved Solids	SAMPLE MEASUREMEN	****** T	*****	***	Report *	*****	Report *	MG/L	0	Quarterly	Discrete
Influent	PREMIT REQUIREMENT	****	*****	***	Monitor &	*****	Monitor &	-			
Total Dissolved Solids	SAMPLE MEASUREMEN	*****	*****	****	Report *	*****	Report *	MG/L	0	Quarterly	Discrete
Effluent	PERMIT REQUIREMENT	<b>妆妆妆妆妆</b>	*****	****	Monitor & Report	*****	Monitor &	1			<del> </del>
Sulfide	SAMPLE MEASUREMENT	*****	****	***	0.01	****	Report 0.13	MG/L	0	Monthly	Discrete
nfluent	PERMIT REQUIREMENT	*****	*****	***	Monitor &	****	Monitor &	1			
Sulfide	SAMPLE MEASUREMENT	*****	*****	***	Report 0.01	****	Report 0.13	MG/L	0	Monthly	Discrete
Effluent	PERMIT REQUIREMENT	****	****	****	Monitor & Report	*****	Monitor &		Z-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	·	
Oil & Grease	SAMPLE MEASUREMENT	*****	****	***	*	*****	Report *	MG/L	0	Quarterly	Discrete
nfluent	PERMIT REQUIREMENT	*****	****	****	Monitor & Report	*****	Monitor & Report				
IAME/TITLE PRINCIPAL EXECUTI  Susan Crowley		Y UNDER PENALTY OF LAW THAT T ON OR SUPERVISION IN ACCORDAN LY GATHER AND EVALUATE THE INI	ICE WITH A SYSTEM DESIGNED TO	MENTS WERE PREPARED UN ASSURE THAT QUALIFIED P ON MY INQUIRY OF THE PERS	DER MY PERSONNEL	0		PHONE		DATE	
CEM 1428, exp 3-8-13 TYPED OR PRINTED		ATION, THE INFORMATION SUBMITT	THOSE PERSONS DIRECTLY RESPO ED IS, TO THE BEST OF MY KNOWL	DNSIBLE FOR GATHERING TE LEDGE AND BELIEF, TRUE, A	HE ON COURATE, SIGNATURE O	DE PRICIPAL EXECU	JTIVE 702 592-7	727	12	01	23
COMMENT AND EXPANATION	INCLUDIA	NG THE POSSIBILITY OF FINE AND IN	ARE SIGNIFICANT PENALTIES FOR APRSIONMENT FOR KNOWING VIOL		_	AUTHORIZED AGEN	AREA	NUMBER	YEAR	MONTH	DAY

\* Analyte monitored quarterly. Please see the NV0023060 October 2011 DMR for 4th Q 11 information.

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PARAMETER	1 1		QUANTITY OR LOADIN	lG	QL	JALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPL
Oil & Grease	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/da	y) UNITS	┫ ີ		TYPE
	MEASUREMENT		*****	****	*	*****	*	MG/L	0	Quarterly	Discre
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &	_	-		┪
7	REQUIREMENT				Report		Report	l	Ĭ	1	
Boron	SAMPLE	*****	*****		*	*****	*	MG/L	0	Quarterly	Discre
Effluent	MEASUREMENT		A CONTRACTOR OF THE CONTRACTOR	****					ľ	Quarterly	Discie
Emuent	PERMIT	****	*****	****	Monitor &	*****	Monitor &		-	<del> </del>	+
· · · · ·	REQUIREMENT				Report		Report	1			1
Dissolved Oxygen	SAMPLE	*****	*****		7.21	7.83	78.74	MG/L	0	Weekly	Discre
	MEASUREMENT			***		,,,,,	10.14	IVICIL	ľ	vveekiy	Discre
Effuent	PREMIT	*****	.****	****	Monitor &	Monitor &	Monitor &	-	-		<b>-</b>
	REQUIREMENT				Report	Report	Report	ı		l	1
Nitrate as N	SAMPLE	*****	*****		0.32	*****	3.59	MG/L	0	Monthly	<u> </u>
	MEASUREMENT			****			0.00	IVIG/L		iviontny	Discre
Effluent	PERMIT	*****	****	***	Monitor &	*****	Monitor &	_	ļ		
	REQUIREMENT	1			Report		1	ĺ	1		ı
Kjeldahl Nitrogen as N	SAMPLE	*****	****		2,88	2.00	Report				
	MEASUREMENT	1		****	2.00	3.60	31.98	MG/L	0	Weekly	Discre
nfluent	PERMIT	*****	*****	****							1
	REQUIREMENT	I			Monitor &	Monitor &	Monitor &				
Geldahl Nitrogen as N	SAMPLE	****	****		Report	Report	Report				
1	MEASUREMENT			****	1.78	1.90	19.74	MG/L	0	Weekly	Discret
Effluent	PERMIT	*****	****	***							I
			********	****	Monitor &	Monitor &	Monitor &	7			
Note that	REQUIREMENT		Province Control of the Control of t		Report	Report	Report				
Chloride	SAMPLE	<b>冷寒水水</b> 木	*****		*	****	*	MG/L	0	Quarterly	Discret
	MEASUREMENT			****				1110/2	Ŭ	Quarterly	Disclet
nfluent	PERMIT	<b>治疗治治大者</b>	****	***	Monitor &	*****	Monitor &	-			<del> </del>
	REQUIREMENT				Report		Report				l
AMERITIE DOUGODAL EVEN.	I CERTIFY UN	DER PENALTY OF LAW THAT TO	HIS DOCUMENT AND ALL ATTACHN	ENTS WERE PREPARED UN	DER MY		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	EPHONE			
AME/TITLE PRINCIPAL EXECUT Susan Crowley	IVE UPFICER DIRECTION O	R SUPERVISION IN ACCORDAN ATHER AND EVALUATE THE INF		ASSURE THAT QUALIFIED F		0	151	LITTONE		DATE	;
•	PERSONS WH	O MANAGE THE SYSTEM. OR T	HOSE PERSONS DIRECTLY PERSON	NSIRI F FOR GATHERING TO	WELL MI	when				and the state of t	1
EM 1428, exp 3-8-13	INFORMATION	I, THE INFORMATION SUBMITTI	ED IS, TO THE BEST OF MY KNOWL	EDGE AND BELIEF, TRUE, A	CCURATE, SIGNATURE O	F PRICIPAL EXECU	ITIVE 702	-7727	12	01	23
TYPED OR PRINTED		TE. I AM AWARE THAT THERE	ARE SIGNIFICANT PENALTIES FOR		MATION,	. THOU AL EXECU	AREA S92			,	
OMMENT AND EVENTOR	INCLUDING TH	E POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VIO	ATIONS.	OFFICER OR A	AUTHORIZED AGEN		NUMBER	TEAR	MONTH	DAY
OMMENT AND EXPANATION Analyte monitored quarte	OF ANY VIOLATIONS	(Reference all attac	hments here)							Lance of the second	1

00044/961223-1801

PAGE 5 OF 6

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PARAMETER			QUANTITY OR LOADIN		Q	UALITY OR CONCENT	RATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPL TYPE
Chloride	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day	) UNITS	1 -^	J. 7.44.2.10,0	ITPE
	MEASUREMENT			****	*	*****	*	MG/L	0	Quarterly	Discre
Effluent	PERMIT REQUIREMENT	**** <b>*</b>	*****	****	Monitor & Report	*****	Monitor &				1
Radium 226 + 228	SAMPLE MEASUREMENT	******	*****	***	1.48	1.48	Report	pCi/L	0	Weekly	Discre
Effluent	PERMIT REQUIREMENT	次尖尖大尖大	****	****	Monitor & Report	Monitor &	****				_
Gross Alpha	SAMPLE MEASUREMENT	******	*****	****	22.30	Report 31.50	*****	pCi/L	0	Weekly	Discre
Effluent	PREMIT REQUIREMENT	****	*****	****	Monitor & Report	Monitor & Report	*****	-			
Chlorate	SÄMPLE MEASUREMENT	*****	*****	***	228	*****	2,530	MG/L	0	Monthly	Discre
Influent	PERMIT REQUIREMENT	****	****	***	Monitor & Report	*****	Monitor &	4			
Chlorate	SAMPLE MEASUREMENT	**************************************	*****	***	0.03	*****	Report 0.36	MG/L	0	Monthly	Discre
Effluent	PERMIT REQUIREMENT	*****	女女女女女	****	Monitor & Report	****	Monitor &				
	SAMPLE MEASUREMENT	地方地址地	****	***	Report		Report		0		
	PERMIT REQUIREMENT	次作水卡水大	*****	****							
	SAMPLE MEASUREMENT	*****	****	***					0		
	PERMIT REQUIREMENT	次资本元章章	*****	****				1 1			
IAME/TITLE PRINCIPAL EXECU Susan Crowley	TIVE OFFICER DIRECTION PROPERLY	OR SUPERVISION IN ACCORDAN GATHER AND EVALUATE THE INF	HIS DOCUMENT AND ALL ATTACHN CE WITH A SYSTEM DESIGNED TO ORMATION SUBMITTED. BASED O	ASSURE THAT QUALIFIED P	FRSONNEL	( )		PHONE		DATE	
CEM 1428, exp 3-8-13 TYPED OR PRINTE	D AND COMP	ON, THE INFORMATION SUBMITTE LETE. I AM AWARE THAT THERE,	HOSE PERSONS DIRECTLY RESPO ED IS, TO THE BEST OF MY KNOWL ARE SIGNIFICANT PENALTIES FOR	EDGE AND BELIEF, TRUE, AN SUBMITTING FALSE INFORM	CURATE, CICMATURE	Wowly DF PRICIPAL EXECT	TIVE 702 592-7		12	01	23
COMMENT AND EXPANATION	INCLUDING	THE POSSIBILITY OF FINE AND IN	PRSIONMENT FOR KNOWING VIOL	ATIONS.	_	AUTHORIZED AGEN	AREA N	NUMBER	YEAR	MONTH	DAY

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# Summary of Supporting Analytical

Influent -1-17-12.xlsx Effluent -1-17-12.xlsx

Influent and Effluent

Influent-Comp -1-17-12.xlsx Effluent-Comp - 1-17-12.xlsx

**Influent and Effluent Composites** 

Wash 1-17-12.xlsx

Wash

Wash Mix Zone 1-17-12.xlsx

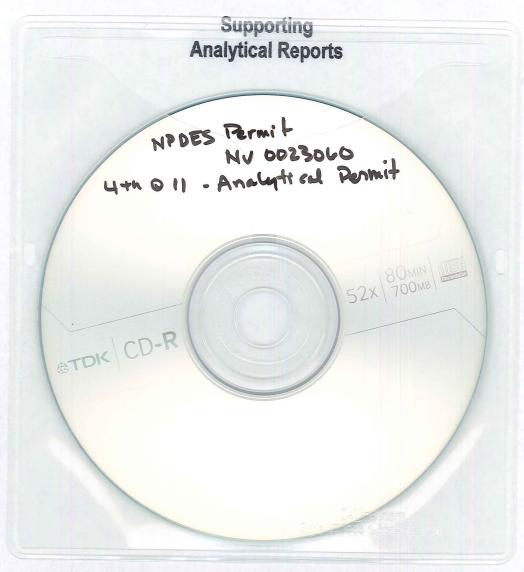
LVW 5.5 Mix Zone Evaluation

M-10 - 1-17-12.xlsx

M-10

FBR Solids -1-6-12.xlsx

**FBR Solids** 



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.

M Wowley 1-23-12
Susan M. Crowley, CEM 1428, exp 3-8-13

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

4th Quarter 2011 Sludge Report 4th Sludge Cover Letter. Qtr 2011.xls



January 4, 2012

Susan Crowley Certified Environmental Manager 1428 366 Esquina Dr. Henderson, NV 89014

RE: FBR Biological Solids 3rd Quarter Reporting

Via email

Dear Susan,

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 upon the amount of sludge produced.

The FBR Perchlorate Reduction Process generated 39.23 dry metric tons of biological solids in the 4th Quarter of 2011. This extrapolates to an expected production of 156.92 metric TPY of dry FBR biological solids.

Attached for your review is the 4th Quarter 2011 sludge monitoring results reported in mg per kg of dry sludge based on MWH Laboratories analysis (MWH Service Report #377695.

Please contact me if there are any questions. I will send hard copy by mail with the attachments.

Sincerely,

Thomas McDaniel, Project Manager Veolia Water North America - West LLC

CC: Via email w/o attachments Susan Crowley Mary Cheung Sachin Chawla

# Calculation of Metric Tons of Dry Solids Produced at the FBR

VWNA Operation's Input Required:	October	November	December
Average % solids of filter press cake	24.14%	27.89%	25.34%
Republic's information on tons of solids	54.83	61.38	62.38
Less Iron Oxide Sludge, Tons		10.47	
==> Wet Tons of FBR Biological solids	54.83	50.91	62.38
==> Wet Metric Tons of FBR Biological solids	49.74	46.19	56.59
==> Metric Tons of DRY FBR Biological solids	12.01	12,88	14.34
==> Average MTPD of dry FBR Biological Solids	0.39	0.43	0.46
Solids. Note: the permit requires quarterly monitoring for Facilities which produce >290			
and <1500 metric tons of dry solids per year.	48.03	51.52	57.36

Total Metric Tons 39.23

156.92

## Perchlorate Fluidized Bed Biological Reactor Dewatered FBR Biological Sludge

Analytes	mg/kg of dry sludge	
Silver, Total	ND	
Arsenic, Total	360	
Cadmium, Total	ND	
Chromium, Total	670	
Copper, Total	340	
Mercury	ND	
Molybdenum, Total	1500	
Nickel, Total	52	
Lead, Total	ND	
Selenium, Total	78	
Zinc, Total	410	
	ug/kg of dry sludge	
Pesticides		
Alpha-BHC	96	
Alpha-Chlordane	ND	
Aldrin	ND	
Beta-BHC	160	
Delta-BHC	510	
p,p' DDD	ND	
p,p' DDE	ND	
p,p' DDT	ND	
Dieldrin	ND	
Endrin Aldehyde	ND	
Endrin Ketone	ND	
Endrin	ND	
Endosulfan I (alpha)	ND	
Endosulfan II (beta)	ND	
Endosulfan sulfate	ND	
Heptachlor	ND	
Heptachlor Epoxide	ND	
Toxaphene Dibutyl Chlorendate (24-150)	ND NA	

# **Annual Analytical Graphs**

2011 Graphs - 2011 Graphs - Inf-Eff Perchlorate.dc Inf-Eff.docx

2011 Graphs -Wash.docx

