



October 24, 2012

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

Subject: Permit NEV2001515 Discharge Monitoring Reports – 3rd Quarter 2012

Dear Compliance Coordinator:

The Nevada Environmental Response Trust (the Trust) maintains Permit #NEV2001515, which covers the synthetically double-lined ponds GW-11 and AP-5. No water was discharged directly to a receiving water body from either GW-11 or AP-5 pond. However, water from both GW-11 and AP-5 ponds (along with other groundwater sources) was treated for perchlorate removal and discharged under the authority of NPDES permit #NV0023060. Attachment 1 includes the July, August, and September 2012 Discharge Monitoring Reports (DMRs). Attachment 2 includes the pond monitoring tables, which provide water balance and leak detection monitoring information.

Please note that the AP-5 pond top liner has a tear at the top edge of the pond, which is well above the liquid level of the pond contents. AP-5 pond is a synthetically double-lined pond, and there is no evidence that the underlying liner has been compromised. In addition, the monitoring well which is located between the top liner and the bottom liner, to collect any water which accumulates between the liners, has not shown evidence of water presence. The top liner in the area of the tear has been sandbagged to prevent a strong breeze from lifting the edges, and the top liner tear will continue to be closely monitored.

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.

Sincerely,

A handwritten signature in cursive script that reads "Kimberly Kuwabara".

Kimberly Kuwabara, M.S.
Manager

A handwritten signature in cursive script that reads "Allan J. DeLorme".

Allan J. DeLorme, P.E.
Managing Principal

Overnight Mail
Attachments

cc: Please see attached distribution sheet

Smc/12 3rd Q Pond DMR - Environ Cvr Ltr.docx

ENVIRON International Corp. 2200 Powell Street, Suite 700, Emeryville, CA 94608
V +1 510.655.7400 F +1 510.655.9517

environcorp.com

Document Distribution List

Updated:

24-Oct-12

Document Name: Pond Permit NEV2001515 - DMRS

Name (Last, First)	Firm	Distribution		Name (Last, First)	Firm	Distribution	
		Hard	e-Copy			Hard	e-Copy
Land King	NDEP			Paque	Tronox Counsel		
Najima	NDEP			Stater	Tronox		
Lovato	NDEP		X	Crowley	Crowley Environmental	X	X
Sous	NDEP			Krish	EJKrish		X
Tinney	NDEP		X	Ed			
Harbour	NDEP			Andrew	Trust		X
Black	Neptune			Tanya	Trust Counsel		X
Hackenberry	Hackenberry			Allan	ENVIRON		X
Copeland	Neptune			Mark	ENVIRON		X
Gratson	Neptune			Kimberly	ENVIRON	X	X
Otani-Fehling	Neptune			John	ENVIRON		X
				Chris	ENVIRON		X
Pohlmann	COH			Steve	Veolia		X
				Russell	Veolia		X
Mulroy	SNWA			Michele	Veolia		X
Goff	SNWA			Kirk	Broadbent		
Liesing	SNWA			Rahnijit	BMI		
				George	Syngenta		
Kaplan	EPA, Reg 9			Lee	Stauffer		
				Joe	Montrose		
				Paul	Montrose		
				Jeff	AmPac		
Compliance Coordinator	NDEP	X	X	Curt	Olin		
Compliance Coordinator	DAQEM			Michael	Olin		
Juma	CCDAQEM			Craig	Timet		
Public Repository	Library			Joel	Montrose Counsel		

Discharge Permit NEV2001515 – 3rd 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.

 10-24.12

Susan Crowley
CEM 1428, expires 3-8-13

ATTACHMENT 1

Discharge Monitoring Reports



12-July DMR
NEV2001515.xlsx

July 2012



12-August DMR
NEV2001515.xlsx

August 2012



12-September DMR
NEV2001515.xlsx

September 2012

PERMITTEE NAME/ADDRESS:

Nevada Environmental response Trust
 NAME: CO Veolia Water NA
 ADDRESS: 510 Fourth Street
 Henderson, NV 89015

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NEV2001515 PERMIT NUMBER
 001 DISCHARGE NUMBER

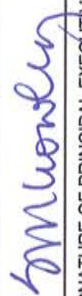
FACILITY: Nevada Environmental Response Trust
 LOCATION: Henderson, NV
 ATTN: Susan Crowley

MONITORING PERIOD

FROM 12 | 07 | 01 TO 12 | 07 | 31

NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	AVERAGE	MAXIMUM	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lb/day)				UNIT
Flow Influent	SAMPLE MEASUREMENT	Please see attached Table 1	MGD	-----	-----	-----	0	Monthly	Flow Meter	
	PERMIT REQUIREMENT	Monitor and Report								
Leak Detection Information	SAMPLE MEASUREMENT	-----			Please see attached Table 2	-----	0	Bi-Monthly	Discrete	
	PERMIT REQUIREMENT				Monitor and Report					
Pond Water Level	SAMPLE MEASUREMENT	-----			Please see attached Table 1	-----	0	Bi-Monthly	Discrete	
	PERMIT REQUIREMENT				Monitor and Report					
Storage Volume	SAMPLE MEASUREMENT	-----			Please see attached Table 1	-----	0	Bi-Monthly	Calculation	
	PERMIT REQUIREMENT				Monitor and Report					
Water Balance Information	SAMPLE MEASUREMENT				Please see attached Table 1	-----	0	Monthly	Calculation	
	PERMIT REQUIREMENT				Monitor and Report					
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM AN EMPLOYEE OF THE PERMITTEE AND THAT I AM NOT A PERSON WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR 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			TELEPHONE 702-592-7727			DATE 12 10 24		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 			AREA CODE NUMBER 702-592-7727			YEAR MO DAY 12 10 24		

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Ponds GW-11 and AP-5

(Reference all attachments here)

PERMITTEE NAME/ADDRESS:

Nevada Environmental response Trust
 NAME: CO Veolia Water NA
 ADDRESS: 510 Fourth Street
 Henderson, NV 89015

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NEV2001515 PERMIT NUMBER
 001 DISCHARGE NUMBER

FACILITY: Nevada Environmental Response Trust
 LOCATION: Henderson, NV
 ATTN: Susan Crowley

MONITORING PERIOD

FROM 12 | 08 | 01 TO 12 | 08 | 31

NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave (lb/day)			
Flow	MEASUREMENT PERMIT REQUIREMENT	Please see attached Table 1		MGD	-----	-----	-----	0	Monthly	Flow Meter
Influent	MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----			
Leak Detection Information	MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 2	-----	-----	0	Bi-Monthly	Discrete
Pond Water Level	MEASUREMENT PERMIT REQUIREMENT	-----			Monitor and Report					
Storage Volume	MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 1			0	Bi-Monthly	Discrete
Water Balance Information	MEASUREMENT PERMIT REQUIREMENT	-----			Monitor and Report					
	MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 1			0	Bi-Monthly	Calculation
	MEASUREMENT PERMIT REQUIREMENT				Monitor and Report					
	MEASUREMENT PERMIT REQUIREMENT				Please see attached Table 1			0	Monthly	Calculation
	MEASUREMENT PERMIT REQUIREMENT				Monitor and Report					
<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND THAT I AM AN EMPLOYEE OF THE PERMITTEE. I HAVE REVIEWED THE INFORMATION AND PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED BASED ON MY KNOWLEDGE OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION AND REPORTING THE RESULTS TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCURATELY AND COMPLETELY REPORTED ALL INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, INCLUDING THE POSSIBILITY OF FINE AND IMPROVEMENT FOR KNOWING VIOLATIONS.</p>										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER								TELEPHONE		DATE
Susan Crowley										
CEM 1428, exp 3-8-13								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		12 10 24
TYPED OR PRINTED								AREA CODE NUMBER		YEAR MO DAY
								702-592-7727		12 10 24

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Ponds GW-11 and AP-5

(Reference all attachments here)

PERMITTEE NAME/ADDRESS:

Nevada Environmental response Trust
 NAME: CO Veolia Water NA
 ADDRESS: 510 Fourth Street
 Henderson, NV 89015

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NEV2001515 PERMIT NUMBER
 001 DISCHARGE NUMBER

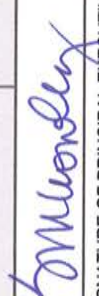
FACILITY: Nevada Environmental Response Trust
 LOCATION: Henderson, NV
 ATTN: Susan Crowley

MONITORING PERIOD

FROM 12 | 09 | 01 TO 12 | 09 | 30

NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)			
Flow	SAMPLE MEASUREMENT	Please see attached Table 1	MGD	-----	-----	0	Monthly	Flow Meter
	PERMIT REQUIREMENT	Monitor and Report		-----	-----			
Leak Detection Information	SAMPLE MEASUREMENT	-----		Please see attached Table 2	-----	0	Bi-Monthly	Discrete
	PERMIT REQUIREMENT			Monitor and Report				
Pond Water Level	SAMPLE MEASUREMENT	-----		Please see attached Table 1	-----	0	Bi-Monthly	Discrete
	PERMIT REQUIREMENT			Monitor and Report				
Storage Volume	SAMPLE MEASUREMENT	-----		Please see attached Table 1	-----	0	Bi-Monthly	Calculation
	PERMIT REQUIREMENT			Monitor and Report				
Water Balance Information	SAMPLE MEASUREMENT			Please see attached Table 1	-----	0	Monthly	Calculation
	PERMIT REQUIREMENT			Monitor and Report				
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>IDENTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND THAT I AM AWARE THAT THE INFORMATION SUBMITTED IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM AWARE THAT THERE ARE PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>			TELEPHONE		DATE	
Susan Crowley					702-592-7727		12 10 24	
CEM 1428, exp 3-8-13		SIGNATURE OF PRINCIPAL EXECUTIVE			AREA CODE NUMBER		YEAR MO DAY	
TYPED OR PRINTED					702-592-7727		12 10 24	
		OFFICER OR AUTHORIZED AGENT			AREA CODE NUMBER		YEAR MO DAY	
					702-592-7727		12 10 24	

(Reference all attachments here)

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Ponds GW-11 and AP-5

ATTACHMENT 2

Pond Monitoring Results

Table 1a – GW-11 Pond Monitoring Information

Date	Flow Into Pond (MGD)	Pond Level (feet)	Storage Volume (thousand gallons)	Water Balance (million gallons)	Flow from Pond to FBRs (thousand gallons)
7-1-12	1.28	0.32	1,164	-1.50	0
7-15-12		0.51	1,831		0
8-1-12	8.7	0.26	983	5.92	0
8-15-12		0.73	2,678		0
9-1-12	1.81	1.16	11,336	-0.97	0
9-15-12		1.10	11,155		0

Table 1b – AP-5 Pond Monitoring Information

Date	Flow Into Pond (MGD)	Pond Level (feet)	Storage Volume (thousand gallons)	Water Balance (million gallons)	Flow from Pond to FBRs (thousand gallons)
7-1-12	0	4.5	448	0	0
7-15-12		4.1	375		0
8-1-12	0	3.5	290	0	0
8-15-12		3.0	219		0
9-4-12	0	3.3	266	0	0
9-15-12		3.3	266		0

Table 2a – GW-11 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons)
7-5-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
7-19-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
8-2-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
8-16-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
9-6-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
9-20-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry

Table 2b – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons)
7-5-12	Dry
7-19-12	Dry
8-2-12	Dry
8-16-12	Dry
9-6-12	Dry
9-20-12	Dry