

July 17, 2012

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

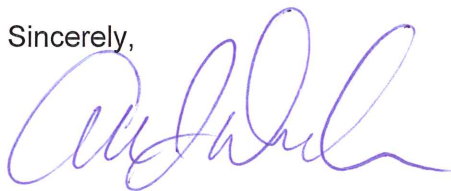
Subject: Permit NEV2001515 Discharge Monitoring Reports – 2nd Quarter 2012

The Nevada Environmental Response Trust (the Trust) maintains Permit #NEV2001515, which covers the synthetic 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 groundwater sources) was treated for perchlorate removal and discharged under the authority of NPDES Permit #NV0023060. Attachment 1 includes the April, May, and June 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 top liner has a tear near the top edge of the pond, which is well above the liquid level of the pond contents. AP-5 is a synthetic 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 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,



Allan DeLorme, P.E.
Managing Principal

Overnight Mail
Attachments

cc: Please see attached distribution sheet



C:\smc\My
Documents\Documen

Smc/12 2nd Q Pond DMR - Environ Cvr Ltr.docx

ENVIRON International Corp. 2200 Powell Street, Suite 700, Emeryville, CA 94608
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Updated:

13-Jul-12

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* Cover letter includes everything but the analytical reports on CD (Data) - and is reproduced in a 2-sided transmittal

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	Alka		X

Discharge Permit NEV2001515 – 2nd 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 7-16-12

Susan Crowley
CEM 1428, expires 3-8-13

ATTACHMENT 1

Discharge Monitoring Reports

12-April DMR
NEV2001515.xlsx

April 2012

12-May DMR
NEV2001515.xlsx

May 2012

12-June DMR
NEV2001515.xlsx

June 2012

PERMITTEE NAME/ADDRESS:

Nevada Environmental response Trust
 CO Veolia Water NA
 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 | 04 | 01 TO 12 | 04 | 30

NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNIT	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											
Influent	MEASUREMENT PERMIT REQUIREMENT	Please see attached Table 1	MGD		-----	-----	-----	0	Monthly	Flow Meter	
Leak Detection Information											
	MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----	0	Bi-Monthly	Discrete	
Pond Water Level											
	MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----	0	Bi-Monthly	Discrete	
Storage Volume											
	MEASUREMENT PERMIT REQUIREMENT	Please see attached Table 1			-----	-----	-----	0	Bi-Monthly	Calculation	
Water Balance Information											
	MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----	0	Monthly	Calculation	
	MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----				
	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 TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p>											
<p>NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Susan Crowley CEM 1428, exp 3-8-13</p>										<p>TELEPHONE 702-592-7727</p>	
<p>TYPED OR PRINTED</p>										<p>DATE 12 07 16</p>	
<p>COMMENT AND EXPLANATION OF ANY VIOLATIONS Ponds GW-11 and AP-5</p>										<p>AREA CODE NUMBER 702-592-7727</p>	
<p>(Reference all attachments here)</p>										<p>OFFICER OR AUTHORIZED AGENT Susan Crowley</p>	

PERMITTEE NAME/ADDRESS:

Nevada Environmental response Trust
 CO Veolia Water NA
 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 | 05 | 01 TO 12 | 05 | 31

NO DISCHARGE X

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 Influent	SAMPLE MEASUREMENT PERMIT REQUIREMENT	Please see attached Table 1		MGD	-----	-----	-----	0	Monthly	Flow Meter
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	Monitor and Report			-----	-----	-----			
Leak Detection Information	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 2			0	Bi-Monthly	Discrete
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Monitor and Report					
Pond Water Level	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 1			0	Bi-Monthly	Discrete
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Monitor and Report					
Storage Volume	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Please see attached Table 1			0	Bi-Monthly	Calculation
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----			Monitor and Report					
Water Balance Information	SAMPLE MEASUREMENT PERMIT REQUIREMENT				Please see attached Table 1			0	Monthly	Calculation
	SAMPLE MEASUREMENT PERMIT REQUIREMENT				Monitor and Report					
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER								TELEPHONE		DATE
Susan Crowley								702-592-7727		12 07 16
CEM 1428, exp 3-8-13								AREA CODE NUMBER		YEAR MO DAY
TYPED OR PRINTED								702-592-7727		12 07 16
COMMENT AND EXPLANATION OF ANY VIOLATIONS								OFFICER OR AUTHORIZED AGENT		YEAR MO DAY
Ponds GW-11 and AP-5								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER
								702-592-7727		702-592-7727

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PERSONNEL EMPLOYED BY THE PERMITTEE. I HAVE PROPERLY GATHERED AND EVALUATED THE INFORMATION AND I AM SURE THAT THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM NOT PROVIDING OR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Susan Crowley
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

(Reference all attachments here)

PERMITTEE NAME/ADDRESS:

Nevada Environmental Response Trust
 CO Veolia Water NA
 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 | 06 | 01 TO 12 | 06 | 30

NO DISCHARGE

X

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		Monitor and Report				
Pond Water Level	SAMPLE MEASUREMENT	-----		Please see attached Table 1	-----	0	Bi-Monthly	Discrete
	PERMIT REQUIREMENT	Monitor and Report		Monitor and Report				
Storage Volume	SAMPLE MEASUREMENT	-----		Please see attached Table 1	-----	0	Bi-Monthly	Calculation
	PERMIT REQUIREMENT	Monitor and Report		Monitor and Report				
Water Balance Information	SAMPLE MEASUREMENT	-----		Please see attached Table 1	-----	0	Monthly	Calculation
	PERMIT REQUIREMENT	Monitor and Report		Monitor and Report				
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT	-----		-----	-----			
	PERMIT REQUIREMENT	Monitor and Report		Monitor and Report				
Susan Crowley		TELEPHONE		DATE		702-592-7727		12 07 16
CEM 1428, exp 3-8-13		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER		702-592-7727		YEAR MO DAY
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER		702-592-7727		YEAR MO DAY

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY SUPERVISION AND DESIGN TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. I AM A PERSON WHO MANAGES 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 NOT AWARE OF ANY VIOLATIONS, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

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

(Reference all attachments here)

ATTACHMENT 2

Pond Monitoring Results

12 2nd Q GW11 current pond liner
Pond Levels.xls gallons - 2nd Q 12.xls

GW-11 Pond Data

GW-11 Balance - 2nd
Q 12.xlsx

GW-11 Water Balance



12 2nd Q - AP-5
Pond Data - Level an



OnM Manual for NEV
2001516 - Sept 2006

AP-5 Pond Data



AP5 Balance - April
12.xls



AP5 Balance - May
12.xls



AP5 Balance - June
12.xls

AP-5 Water Balance

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)
4-1-12	0.011	1.48	5,685	-1.74	0
4-16-12		1.34	4,837		0
5-1-12	0.056	1.19	4,272	-1.04	0
5-15-12		0.82	2,950		0
6-1-12	0.106	0.67	2,294	0.51	0
6-15-12		0.27	983		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)
4-1-12	0	4.0	362	0	0
4-6-12		3.5	290		0
5-1-12	0.01	2.83	197	<0.01	0
5-15-12		5.58	613		0
6-1-12	0	5.25	558	0	0
6-15-12		5.0	517		0

Table 2a – GW-11 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons)
4-5-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
4-19-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
5-3-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
5-17-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
6-7-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry
6-21-12	NW – Dry
"	NE – Dry
"	SW – Dry
"	SE – Dry

Table 2b – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons)
4-1-12	Dry
4-16-12	Dry
5-1-12	Dry
5-15-12	Dry
6-1-12	Dry
6-15-12	Dry