



Fredrick R. Stater
Plant Manager

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October 26, 2010

Compliance Coordinator
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, NV 89701-5249

SUBJECT: Third Quarter 2010 DMR – Permit # NEV2001516

Tronox LLC (Tronox) maintains a Permit # NEV2001516 covering synthetically lined pond operation in Henderson, Nevada. While there was no discharge to receiving waters from the covered ponds, the attached Discharge Monitoring Reports, DMR's, (Attachment 1) and accompanying tables provide operational information.

In the first and second quarters of 2009, several minor leaks were discovered in the top (primary) liner of the WC-E pond. Liner repairs were completed in the fourth quarter and the pond was put back in service. On February 16th, 2010, the WC-E pond leak detection system discovered a new leak in the top pond liner, as the pond level was increased. This leak has since been evaluated, the pond level has been lowered below the suspected leak area and liner repairs are tentatively scheduled to take place in the month of November.

Should you have any questions regarding this report, please contact Mike Skromyda at (702) 651-2228 or michael.skromyda@tronox.com. Thank you.

Sincerely,



Fredrick R. Stater
Plant Manager

Overnight Mail

cc: Mike Skromyda
John Hatmaker

Tronox. Adding value beyond the product.

560 West Lake Mead Parkway, Henderson, Nevada 89015 • P.O. Box 55, Henderson, Nevada 89009

ATTACHMENT 1

**Discharge Monitoring
Reports**

July 2010

August 2010

September 2010

PERMITTEE NAME/ADDRESS: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 NAME: Tronox LLC
 ADDRESS: PO BOX 55
 HENDERSON, NV 89009-7000

DISCHARGE MONITORING REPORT (DMR)
 PERMIT NUMBER: NEV2001516
 DISCHARGE NUMBER: 001

MONITORING PERIOD
 FROM 10 | 07 | 01 TO 10 | 07 | 31

NO DISCHARGE

NOTE: Read instructions before completing this form.

FACILITY: Tronox LLC
 LOCATION: Henderson, NV
 Attn: Fredrick R. Stater

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	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						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----				-----						
	SAMPLE MEASUREMENT PERMIT REQUIREMENT	-----				-----						
Fredrick R. Stater Plant Manager TYPED OR PRINTED											TELEPHONE	DATE
Fredrick R. Stater Plant Manager TYPED OR PRINTED											SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	
COMMENT AND EXPLANATION OF ANY VIOLATIONS Facility Ponds											702-651-2200	10 10 26
											AREA CODE NUMBER	YEAR MO DAY

Fredrick R. Stater
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DISCHARGE MONITORING REPORT (DMR)
 PERMIT NUMBER: NEV2001516
 DISCHARGE NUMBER: 001

FACILITY: Tronox LLC
 LOCATION: Henderson, NV
 Attn: Fredrick R. Stater

MONITORING PERIOD
 FROM 10 | 08 | 01 TO 10 | 08 | 31

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 Influent	SAMPLE MEASUREMENT	Please see attached Table 1		MGD			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					TELEPHONE		DATE	
Fredrick R. Stater					702-651-2200		10 10 26	
Plant Manager					AREA CODE NUMBER		YEAR MO DAY	
TYPED OR PRINTED					702-651-2200		10 10 26	
COMMENT AND EXPLANATION OF ANY VIOLATIONS					OFFICER OR AUTHORIZED AGENT			
Facility Ponds					SIGNATURE OF PRINCIPAL EXECUTIVE			

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.

(Reference all attachments here)

00044/961223-1801

PAGE 1 OF 1


DISCHARGE MONITORING REPORT (DMR)
 NEV2001516 PERMIT NUMBER
 001 DISCHARGE NUMBER

FACILITY: Tronox LLC
 LOCATION: Henderson, NV
 Attn: Frederick R. Stater

MONITORING PERIOD
 FROM 10 | 09 | 01 TO 10 | 09 | 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 Influent	SAMPLE MEASUREMENT	Please see attached Table 1		MGD			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	Monitor and Report						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT	Monitor and Report						
Fredrick R. Stater Plant Manager	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT	Monitor and Report						
TYPED OR PRINTED	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT	Monitor and Report						
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER				TELEPHONE		DATE		
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				702-651-2200		10 09 26		
COMMENT AND EXPLANATION OF ANY VIOLATIONS				AREA CODE NUMBER		YEAR MO DAY		
Facility Ponds				702-651-2200		10 09 26		

ATTACHMENT 2

**Pond Monitoring
Results**

Table 1a – Mn-1 Pond Monitoring Information

Date	Flow Into Pond (MGD)	Storage Volume (thousand gallons)	Water Balance (thousand gallon)	Discharge from Pond (thousands gallons)
7/14/10	0.00035	1,894	595	0.0
7/23/10		1,894		
8/9/10	0.00032	1,894	532	0.0
8/23/10		1,894		
9/15/10	0.00033	1,894	410	0.0
9/28/10		1,894		

Table 2a – Mn-1 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
7/14/10	0.0
7/23/10	0.0
8/9/10	0.0
8/23/10	0.0
9/15/10	0.0
9/28/10	0.0

Table 1b – WC East Pond Monitoring Information

Date	Flow Into Pond (MGD)	Storage Volume (thousand gallons)	Water Balance (thousand gallon)	Discharge from Pond (thousand gallons)
7/9/10	0.127	5,575	87.4	0.0
7/23/10		5,615		
8/09/10	0.129	6,000	286	0.0
8/23/10		6,692		
9/15/10	0.089	5,816	-1,153	0.0
9/28/10		4,820		

Table 2b – WC-East Pond Leak Detection Monitoring

Date		Volume in Detection Well (gallons pumped)
7/01/10	thru 7/19/10	24,870
7/20/10	thru 7/30/10	14,441
8/01/10	thru 8/16/10	198,569
8/17/10	thru 8/30/10	156,361
9/01/10	thru 9/14/10	109,213
9/15/10	thru 9/30/10	34,837

Note: A leak was discovered in the liner of WC-E on February 16th. We are currently monitoring its status.

Table 1c – WC-West Pond Monitoring Information

Date	Flow Into Pond (MGD)	Storage Volume (thousands gallons)	Water Balance (thousands gallon)	Discharge from Pond (thousand gallons)
7/14/10	0.013	8,166	278	0.0
7/23/10		8,048		
8/09/10	0.010	7,796	109	0.0
8/23/10		7,604		
9/15/10	0.013	7,604	688	0.0
9/28/10		7,815		

Table 2c – WC-West Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
7/14/10	0.0
7/23/10	0.0
8/09/10	0.0
8/23/10	0.0
9/15/10	0.0
9/28/10	0.0

Table 1d – AP-5 Pond Monitoring Information

Date	Flow Into Pond (MGD)	Storage Volume (thousand gallons)	Water Balance (thousand gallon)	Discharge from Pond (thousand gallons)
7/01/10	0.0080	571	201	0.0
7/15/10		727		
8/01/10	0.026	627	364	0.0
8/17/10		670		
9/01/10	0.0069	670	289	0.0
9/15/10		613		

Table 2d – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
7/01/10	0.0
7/15/10	0.0
8/01/10	0.0
8/17/10	0.0
9/01/10	0.0
9/15/10	0.0