

TRONOX

Fredrick R. Stater
Plant Manager

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Fax (702) 651-2310
Rick.Stater@tronox.com

October 27, 2009

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

SUBJECT: Third Quarter 2009 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.

During the first & second quarters of 2009, suspected (minor) leak areas of the WC-East pond liner were identified. During the second & third quarters of 2009, WC-East pond level was lowered in preparation of pond liner repairs. Pond liner leakage was not detected during the third quarter of 2009. Pond liner repairs for WC-East are scheduled to begin during the first week of November 2009.

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 2009

August 2009

September 2009

PERMITTEE NAME/ADDRESS: **Tronox LLC**
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
 PERMIT NUMBER: **NEV2001516** DISCHARGE NUMBER: **001**

ADDRESS: **PO BOX 55**
HENDERSON, NV 89009-7000

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

MONITORING PERIOD
 FROM **09 | 07 | 01** TO **09 | 07 | 31**

NO DISCHARGE

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT 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/dav)				UNIT
Flow Influent	SAMPLE MEASUREMENT REQUIREMENT	Please see attached Table 1			MGD	-----	-----	0	Monthly	Flow Meter	
	SAMPLE MEASUREMENT REQUIREMENT	Monitor and Report				-----	-----				
Leak Detection Information	SAMPLE MEASUREMENT REQUIREMENT	-----	-----		Please see attached Table 2			0	Bi-Monthly	Discrete	
	SAMPLE MEASUREMENT REQUIREMENT				Monitor and Report						
Pond Water Level	SAMPLE MEASUREMENT REQUIREMENT	-----	-----		Please see attached Table 1			0	Bi-Monthly	Discrete	
	SAMPLE MEASUREMENT REQUIREMENT				Monitor and Report						
Storage Volume	SAMPLE MEASUREMENT REQUIREMENT	-----	-----		Please see attached Table 1			0	Bi-Monthly	Calculation	
	SAMPLE MEASUREMENT REQUIREMENT				Monitor and Report						
Water Balance Information	SAMPLE MEASUREMENT REQUIREMENT				Please see attached Table 1			0	Monthly	Calculation	
	SAMPLE MEASUREMENT REQUIREMENT				Monitor and Report						
	SAMPLE MEASUREMENT REQUIREMENT										
	SAMPLE MEASUREMENT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER Fredrick R. Stater Plant Manager TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION AND THAT I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE	DATE			
				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			702-651-2200	09 10 27	AREA CODE NUMBER	YEAR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Facility Ponds
 (Reference all attachments here)
 00044/961223-1801
 PAGE 1 OF 1

PERMITTEE NAME/ADDRESS:
 NAME: Tronox LLC
 ADDRESS: PO BOX 55
 HENDERSON, NV 89009-7000

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 PERMIT NUMBER: NEV2001516
 DISCHARGE NUMBER: 001

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

MONITORING PERIOD
 FROM 09 | 08 | 01 TO 09 | 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)	30 Day Ave (lb/day)			
Flow Influent	SAMPLE MEASUREMENT	Please see attached Table 1		MGD					Flow
	PERMIT REQUIREMENT	Monitor and Report							Meter
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								
<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS PERMIT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION AND I AM A QUALIFIED PERSONNEL WHO MANAGE, OPERATE, MAINTAIN, OR SUPERVISE THE FACILITY. I HAVE READ AND UNDERSTAND THE INFORMATION SUBMITTED, BASED ON MY KNOWLEDGE AND BELIEF, IS 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								TELEPHONE	
Fredrick R. Stater								DATE	
Plant Manager								702-651-2200	
TYPED OR PRINTED								AREA CODE NUMBER	
								YEAR MO DAY	
								09 10 27	
								Forms by WindowChem(707)864-0845;print1080,v5.01.4/1/96	

(Reference all attachments here)

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Facility Ponds

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS:
 NAME: Tronox LLC
 ADDRESS: PO BOX 55
 HENDERSON, NV 89009-7000

NEV2001516
 PERMIT NUMBER


001
 DISCHARGE NUMBER

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

MONITORING PERIOD
 FROM 09 | 09 | 01 TO 09 | 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 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							
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE			TELEPHONE	DATE		
Fredrick R. Stater					702-651-2200	09 10 27		
Plant Manager		OFFICER OR AUTHORIZED AGENT			AREA CODE NUMBER	YEAR MO DAY		
TYPED OR PRINTED								

I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION 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 PERSONS 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)

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Facility Ponds

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)
07/06/09	0.0003	1,763	274	0.0
07/31/09		1,828		
08/10/09	0.0004	1,828	365	0.0
08/31/09		1,795		
09/15/09	0.0003	1,795	3.7	0.0
09/28/09		1,795		

Table 2a – Mn-1 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
07/06/09	0.0
07/31/09	0.0
08/10/09	0.0
08/31/09	0.0
09/15/09	0.0
09/28/09	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)
07/06/09	0.145	5,615	-52.7	0.0
07/31/09		4,952		
08/10/09	0.150	4,782	-156	0.0
08/31/09		4,521		
09/15/09	0.151	4,898	-83.7	0.0
09/28/09		4,540		

Table 2b – WC-East Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
07/01/09 thru 07/15/09	0.0
07/16/09 thru 07/31/09	0.0
08/01/09 thru 08/15/09	0.0
08/16/09 thru 08/31/09	0.0
09/01/09 thru 09/15/09	0.0
09/16/09 thru 09/30/09	0.0

Note: The new leak detection sump pump (with level sensor) was installed on July 24, 2008. The sump level and pump rate are continuously monitored and recorded on a data logger.

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)
07/06/09	0.014	8,068	597	0.0
07/31/09		8,068		
08/10/09	0.012	8,029	408	0.0
08/31/09		7,892		
09/15/09	0.015	7,931	340	0.0
09/28/09		8,029		

Table 2c – WC-West Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
07/06/09	0.0
07/31/09	0.0
08/10/09	0.0
08/31/09	0.0
09/15/09	0.0
09/28/09	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)
07/01/09	0.006	698	253	0.0
07/15/09		771		
08/02/09	0.008	655	267	0.0
08/18/09		641		
09/01/09	0.001	698	157	0.0
09/15/09		613		

Table 2d – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
07/01/09	0.0
07/15/09	0.0
08/02/09	0.0
08/18/09	0.0
09/01/09	0.0
09/15/09	0.0