



Fredrick R. Stater
Plant Manager

(702) 651-2235
Fax (702) 651-2310
Rick.Stater@tronox.com

April 26, 2010

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

SUBJECT: First 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 top pond liner. We are closely monitoring the new leak for any changes while we schedule repairs.

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**

January 2010

February 2010

March 2010

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

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

PERMIT NUMBER: NV2001515
DISCHARGE NUMBER: 001

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

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

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				Monthly	Flow
	PERMIT REQUIREMENT	Monitor and Report				0		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							
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 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.								
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE			DATE		
Fredrick R. Stater								
Plant Manager			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			702-651-2200		
TYPED OR PRINTED						10 04 26		
			AREA CODE NUMBER			YEAR MO DAY		
						851		

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

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

PERMIT NUMBER: NV2001515
 DISCHARGE NUMBER: 001

MONITORING PERIOD
 FROM 10 | 02 | 01 TO 10 | 02 | 28

FACILITY: Trinox LLC
 LOCATION: HENDERSON, NV
 Attn: Fredrick R. Stater

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			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					TELEPHONE	DATE		
Fredrick R. Stater					702-651-2200	10 04 26		
Plant Manager		SIGNATURE OF PRINCIPAL EXECUTIVE			AREA CODE NUMBER		YEAR MO DAY	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT			702-651-2200		10 04 26	

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

Forms by WindowChem(707)864-0845.pnt1090.v5.01.4/1/96

(Reference all attachments here)

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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

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

MONITORING PERIOD
 FROM 10 | 02 | 01 TO 10 | 02 | 28

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	SAMPLE MEASUREMENT	Please see attached Table 1						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 Fredrick R. Stater Plant Manager TYPED OR PRINTED										
TELEPHONE: 702-651-2200 AREA CODE NUMBER: 702-651-2200 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT:  DATE: 10 04 26										

COMMITTEE 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)

COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Facility Ponds

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

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

PERMIT NUMBER: NV2001515
 DISCHARGE NUMBER: 001

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

MONITORING PERIOD
 FROM 10 | 03 | 01 TO 10 | 03 | 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				
	PERMIT REQUIREMENT	Monitor and Report					Monthly	Flow Meter
Leak Detection Information	SAMPLE MEASUREMENT	-----			Please see attached Table 2			
	PERMIT REQUIREMENT	-----			Monitor and Report			
Pond Water Level	SAMPLE MEASUREMENT	-----			Please see attached Table 1			Discrete
	PERMIT REQUIREMENT	-----			Monitor and Report			
Storage Volume	SAMPLE MEASUREMENT	-----			Please see attached Table 1			Calculation
	PERMIT REQUIREMENT	-----			Monitor and Report			
Water Balance Information	SAMPLE MEASUREMENT	-----			Please see attached Table 1			Calculation
	PERMIT REQUIREMENT	-----			Monitor and Report			
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT	-----						
	PERMIT REQUIREMENT	-----						
Fredrick R. Stater		-----						
Plant Manager		-----						
TYPED OR PRINTED		-----						
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER		-----						
OFFICER OR AUTHORIZED AGENT		-----						
TELEPHONE		-----						
DATE		-----						
AREA CODE NUMBER		-----						
YEAR		-----						
MO		-----						
DAY		-----						
702-651-2200		-----						
10 04 26		-----						

I HEREBY 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)


COMMENT AND EXPLANATION OF ANY VIOLATIONS
 Pond GW-11

MONITORING PERIOD

FROM 10 | 03 | 01 TO 10 | 03 | 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)
Flow Influent	SAMPLE MEASUREMENT		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 Fredrick R. Stater Plant Manager TYPED OR PRINTED									
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  OFFICER OR AUTHORIZED AGENT									
							TELEPHONE	DATE	
							702-651-2200	10 04 26	
							AREA CODE NUMBER	YEAR	MO DAY

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)
1/4/10	0.00254	1,861	148	0.0
1/29/10		1,961		
2/11/10	0.00199	1,995	105	0.0
2/23/10		1,961		
3/12/10	0.00112	1,995	205	0.0
3/26/10		1,894		

Table 2a – Mn-1 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
1/4/10	0.0
1/29/10	0.0
2/11/10	0.0
2/23/10	0.0
3/12/10	0.0
3/26/10	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)
1/4/10	0.119	3,197	-294	0.0
1/29/10		3,685		
2/11/10	0.120	3,893	86.7	0.0
2/23/10		4,194		
3/12/10	0.142	4,707	69.9	0.0
3/26/10		5,067		

Table 2b – WC-East Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
1/01/10 thru 1/15/10	0.0
1/16/10 thru 1/31/10	0.0
2/01/10 thru 2/14/10	0.0
2/15/10 thru 2/28/10	89,522
3/01/10 thru 3/15/10	87,003
3/16/10 thru 3/31/10	19,600

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)
1/04/10	0.017	8,687	14.6	0.0
1/29/10		8,912		
2/11/10	0.012	9,098	92.3	0.0
2/23/10		9,119		
3/12/10	0.011	9,224	15.0	0.0
3/26/10		9,161		

Table 2c – WC-West Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
1/04/10	0.0
1/29/10	0.0
2/11/10	0.0
2/23/10	0.0
3/12/10	0.0
3/26/10	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)
1/05/10	0.0244	816	320	0.0
1/15/10		670		
2/01/10	0.00101	698	162	0.0
2/15/10		727		
3/02/10	0.000492	756	-22.3	0.0
3/16/10		712		

Table 2d – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
1/05/10	0.0
1/15/10	0.0
2/01/10	0.0
2/15/10	0.0
3/02/10	0.0
3/16/10	0.0