



William K. Taylor  
Production Manager

(702) 651-2235  
Fax (702) 651-2310  
[bill.taylor@tronox.com](mailto:bill.taylor@tronox.com)

July 25, 2008

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

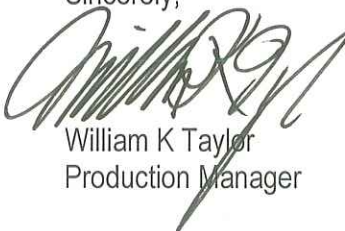
SUBJECT: Second Quarter 2008 DMR – Permit # NEV2001516

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.

The new level controlled sump pump for the WC-East Pond leak detection sump was installed July 24, 2008. The automatic controls and data recording system are currently being set up. This pumping system is designed to cycle on and off with a level sensor and record the pumped flow on a data logger. Once installed, this pumping system will both maintain a low level in the leak detection sump and provide more accurate quantitative information to help evaluate the leak detection sump flows.

Should you have any questions concerning this report, please contact Susan Crowley at (702) 651-2234 or [susan.crowley@tronox.com](mailto:susan.crowley@tronox.com). Thank you.

Sincerely,



William K Taylor  
Production Manager

Overnight Mail

cc: Susan Crowley  
John Hatmaker

Attachments

Smc/07 1st Q Facility Ponds DMR - Cvr Ltr.doc

**Tronox. Adding value beyond the product.**

8000 West Lake Mead Parkway, Henderson, Nevada 89015 • P.O. Box 55, Henderson, Nevada 89009

**ATTACHMENT 1**

**Discharge Monitoring  
Reports**

**April 2008**

**May 2008**

**June 2008**

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

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

001  
 DISCHARGE NUMBER

FACILITY: Tronox LLC  
 LOCATION: Henderson, NV  
 Attn: Susan Crowley

MONITORING PERIOD  
 FROM 08 04 01 TO 08 04 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	UNIT			
Flow	SAMPLE MEASUREMENT			30 Day Ave (mg/l)			
	PERMIT REQUIREMENT	Please see attached Table 1	MGD	7 Day Ave (mg/l)	0	Monthly	Flow Meter
Influent	SAMPLE MEASUREMENT						
	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	
William K. Taylor				702-651-2200		08   07   23	
Production Manager				AREA CODE NUMBER		YEAR MO DAY	
TYPED OR PRINTED				OFFICER OF AUTHORIZED AGENT			
COMMENT AND EXPLANATION OF ANY VIOLATIONS				SIGNATURE OF PRINCIPAL EXECUTIVE			
Facility Ponds				OFFICER OF AUTHORIZED AGENT			

*[Signature]*  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OF AUTHORIZED AGENT

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 PREPARED AND REVIEWED ALL INFORMATION ON THESE PERMITS. I AM FULLY AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

(Reference all attachments here)


Form by WinflowChem(07)0654-0845.epm 1060-rs-01-4/1/06

PERMITTEE NAME/ADDRESS: Tronox LLC  
 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

MONITORING PERIOD  
 FROM 08 05 01 TO 08 05 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)				UNIT
Flow	SAMPLE MEASUREMENT	Please see attached Table 1			MGD		0	Monthly	Flow Meter	
	PERMIT REQUIREMENT	Monitor and Report								
Influent	SAMPLE MEASUREMENT	Please see attached Table 2					0	Bi-Monthly	Discrete	
	PERMIT REQUIREMENT	Monitor and Report								
Leak Detection Information	SAMPLE MEASUREMENT	Please see attached Table 1					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 William K. Taylor Production Manager TYPED OR PRINTED										
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										
							TELEPHONE	DATE		
							702-651-2200	08	07	23
							AREA CODE NUMBER	YEAR	MO	DAY

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND I AM A PERSON RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION SUBMITTED. I AM FULLY 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

00044961223-1801

FORMS BY WATSON/CHEN (7/07/05) 4-0045 (span) 1090.p.01.14/1/05

PAGE 1 OF 1

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

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

FACILITY: Tronox LLC  
 LOCATION: Henderson, NV  
 Attn: Susan Crowley

MONITORING PERIOD  
 FROM 08 | 06 | 01 TO 08 | 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	Please see attached Table 2	Please see attached Table 2	0	Monthly	Flow Meter
	PERMIT REQUIREMENT							
Leak Detection Information	SAMPLE MEASUREMENT	Monitor and Report		Please see attached Table 1	Monitor and Report	0	Bi-Monthly	Discrete
	PERMIT REQUIREMENT							
Pond Water Level	SAMPLE MEASUREMENT	Monitor and Report		Please see attached Table 1	Monitor and Report	0	Bi-Monthly	Discrete
	PERMIT REQUIREMENT							
Storage Volume	SAMPLE MEASUREMENT	Monitor and Report		Please see attached Table 1	Monitor and Report	0	Bi-Monthly	Calculation
	PERMIT REQUIREMENT							
Water Balance Information	SAMPLE MEASUREMENT	Monitor and Report		Please see attached Table 1	Monitor and Report	0	Monthly	Calculation
	PERMIT REQUIREMENT							
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	SAMPLE MEASUREMENT	Monitor and Report						
	PERMIT REQUIREMENT							
William K. Taylor Production Manager TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE 702-651-2200		DATE 08   07   23	

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 GATHERED AND EVALUATED THE INFORMATION AND DATA ON WHICH THIS REPORT IS BASED. 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)
4/7/08		1,763		
4/14/08	0.0005	1,763	360	0
5/5/08		1,763		
5/19/08	0.0003	1,763	505	0
6/9/08		1,763		
6/30/08	0.0004	1,763	578	0

Table 2a – Mn-1 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
4/7/08	0
4/14/08	0
5/5/08	0
5/19/08	0
6/9/08	0
6/30/08	See note below

Note: The second June pumping was not documented.

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)
4/7/08		2,406		
4/14/08	0.144	1,788	-636	0
5/5/08		1,746		
5/19/08	0.166	1,902	158	0
6/9/08		2,421		
6/30/08	0.139	2,825	-124	0

Table 2b – WC-East Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
4/7/08	North – 110
4/7/08	South – 0
4/14/08	North – 50
4/14/08	South – 0
5/5/08	North – 38
5/5/08	South – 0
5/19/08	North – 20
5/19/08	South – 0
6/9/08	North – 6
6/9/08	South – 0
6/30/08	North – See note below
6/30/08	South – See note below

Note: The second June pumping was not documented.

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)
4/7/08		9,392		
4/14/08	0.013	9,392	190	0
5/5/08		9,224		
5/19/08	0.010	9,098	397	0
6/9/08		8,933		
6/30/08	0.016	8,840	364	0

Table 2c – WC-West Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
4/7/08	North – 0
4/7/08	South – 0
4/14/08	North – 0
4/14/08	South – 0
5/5/08	North – 0
5/5/08	South – 0
5/19/08	North – 0
5/19/08	South – 0
6/9/08	North – 0
6/9/08	South – 0
6/30/08	North – See note below
6/30/08	South – See note below

Note: The second June pumping was not documented.

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)
4/1/08		831		
4/15/08	See note "a" .	861	280	0
5/1/08		801		
5/15/08	See note "a" .	876	538	0
6/3/08		1,019		
6/17/08	See note "a" .	892	451	0

Note <sup>a</sup>: Field readings for pond inlet flows being verified.

Table 2d – AP-5 Pond Leak Detection Monitoring

Date	Volume in Detection Well (gallons pumped)
4/1/08	0
4/15/08	0
5/1/08	0
5/15/08	0
6/3/08	0
6/17/08	0