

Susan Crowley CEM - 1428 Office 702-651-2234 Cell 702-592-7727 susan.crowley@tronox.com

January 8, 2011

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

Dear Ms. Silsby:

SUBJECT: Discharge Monitoring Report (DMR) – September 2010 – NPDES Permit NV0023060

Tronox LLC maintains an NPDES Permit #0023060 for discharge of treated water, as part of their on-going effort to remediate perchlorate in the Henderson area. The attached amended September 2010 DMR (Attachment 1) reflects information associated with the remediation efforts, i.e. surface discharge of treated groundwater near the Las Vegas Wash. Supporting analytical reports are included in Attachment 2, in electronic format on a CD. Please note this September 2010 DMR has been prepared with analytical received after the October 28, 2010 required submittal date. All analytical has been received at this time and the attached report is complete.

During the September 2010 the biological perchlorate remediation process continued to demonstrate compliance with the 18 ug/l (ppb) permit limit for a monthly average concentration of total perchlorate concentration.

Included with this report are analytical results for four Las Vegas Wash locations, which require analyses to evaluate the mixing zone and impact on constituent load. Analytical reports in electronic format are included in the CD provided as Attachment 2.

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.

Should you have any questions concerning this report, please contact me at (702) 592-7727 cell or e-mail <u>susan.crowley@tronox.com</u>. Thank you.

Sincerely,

Susan Crowley () Certified Environmental Manager, CEM 1428 expires 3-8-11

Attachments E-Mail and Overnight Mail

cc: Please see attached distribution sheet

Tronox Document Distribution List

Updated:

Document Name:

Perchlorate Project NPDES DMR (Discharge Monitoring Report)

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Croft	Todd	NDEP				Widman	Roy	Tronox		Х	
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Najima	Jim	NDEP				Stater	Rick	Tronox		X	
Levato	Greg	NDEP				Crowley	Susan	Crowley Environmental	X	X	1
Sous	Nadir	NDEP		X		Skromyda	Mike	Tronox		X	
Tinney	Al	NDEP				Bailey	Keith	Environ Answers		X	
Palm	Jon	NDEP				Krish	Ed	Hydrogeologist		X	
Harbour	Shannon	NDEP		X		Chambers	Deni	Northgate		X	
Black	Paul	Neptune				Leavitt	Alan	Northgate		X	
Hackenberry	Paul	Hackenberry				Donnelly	Dara	Northgate		X	
Copeland	Teri					Willis	Derrick	Northgate		X	
Gratson	Dave	Neptune				Arnold	Cindy	Northgate		X	
Otani-Fehling	Joanna	Neptune				Otis	Josh	Northgate		X	
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Goff	Mike	SNWA				Sahu	Rahnijit	BMI			
Liesing	Joe	SNWA				Crouse	George	Syngenta			
						Erickson	Lee	Stauffer			
						Kelly	Joe	Montrose			
Kaplan	Mitch	EPA, Reg 9				Sundberg	Paul	Montrose			
						Gibson	Jeff	AmPac			
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3-Jul-10

ATTACHMENT 1

Discharge Monitoring Report (DMR)



September 2010

PERMITTEE NAME/ADDRESS

Name: Tronox LLC Address: PO BOX 55

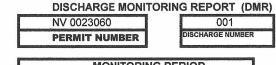
Henderson, NV 89009-7000

Facility: Tronox LLC

Location: Henderson, NV

Attn: Susan M. Crowley

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)





NO DISCHARGE NOTE: Read instructions before completing this form

ROALER

PARAMETER		QUANTITY OR LOADING QUALITY OR CONCENTRATION								FREQUENCY OF ANALYSIS	SAMPLE TYPE
		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day) UNITS	EX		
Flow	SAMPLE	1.39	1.40	MGD	*****	*****	*****		0	Cont	Flow Mete
	MEASUREMENT										
Effluent	PERMIT	1.45 MGD	1.75 MGD	1	*****	*****	*****			10000000	Carlo Carlos
	REQUIREMENT	Maximum	Maximum								
BOD5 (Inhibited)	SAMPLE	*****	*****	1	1.5	1.5	17.40	MG/L	0	Weekly	Discrete
	MEASUREMENT	ž		****							
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &				1. 1. 1. 1.
	REQUIREMENT				Report	Report	Report				NY SAME
BOD5 (Inhibited)	SAMPLE	*****	*****		2.4	4.9	28.31	MG/L	0	Weekly	Discrete
	MEASUREMENT			****		1					
Effluent	PERMIT	*****	*****	****	25 mg/L	40 mg/L	254 lbs/day				and the second
	REQUIREMENT										
Perchlorate FBR	SAMPLE	*****	*****		148	190	148	MG/L	0	Weekly	Comp
	MEASUREMENT			****							
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &				Construction of
	REQUIREMENT				Report	Report	Report				
Perchlorate FBR	SAMPLE	*****	*****		0.66	1.27	0.01	UG/L	0	Weekly	Comp
	MEASUREMENT			****							
Effluent	PERMIT	*****	*****	****	18 ug/l	Monitor &	0.22 lbs/day			CONTRACTOR OF	
	REQUIREMENT					Report					Carlos Sel
рН	SAMPLE	*****	*****	1	6.8	6.90	*****	SU	0	Weekly	Discrete
2	MEASUREMENT			****							
Effluent	PERMIT	*****	*****	****	6.5 Minimum	9.0 Maximum	*****				
	REQUIREMENT									Sec. 2	No. 20
Hexavalent Chormium	SAMPLE	****	*****	+	0.025	0.070	0.283	MG/L	0	Weekly	Discrete
	MEASUREMENT			****							
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &				
	REQUIREMENT				Report	Report	Report		Sec.	CALL AND	
		UNDER PENALTY OF LAW THAT TH	S DOCUMENT AND ALL ATTACHMEN	TS WERE PREPARED UN		ropon	and the second	EPHONE		DATE	
NAME/TITLE PRINCIPAL EXECU	TIVE OFFICER DIRECTION	N OR SUPERVISION IN ACCORDANC	E WITH A SYSTEM DESIGNED TO AS	SURE THAT QUALIFIED F		1 0.	2 B B B B B B B B B B B B B B B B B B B				
Susan Crowley	PERCOPERL'	WHO MANAGE THE SYSTEM OF TH	IOSE DERSONS DIRECTLY RESPONS			howley			1.0	10.1	07
CEM 1428, exp 3-8-11	INFORMAT	TION, THE INFORMATION SUBMITTE	D IS, TO THE BEST OF MY KNOWLED	GE AND BELIEF, TRUE, A	COURATE, SIGNATURE C	OF PRICIPAL EXECU	TIVE 702 6	51-2200	11	01	07
TYPED OR PRINT	ED AND COM	PLETE. I AM AWARE THAT THERE A	RE SIGNIFICANT PENALTIES FOR SU	BMITTING FALSE INFORM		/	AREA	NUMBER	YEAR	MONTH	DAY
COMMENT AND EXPANATI	E.		PRSIONMENT FOR KNOWING VIOLAT	IONS.	OFFICER OR	AUTHORIZED AGÉN	T CODE				

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

					IMINATION SYSTEM ((NPDES)					
PERMITTEE NAME/ADDRESS				E MONITORING I	Construction of the local data and the second se						
Name: Tronox LLC			NV 0023060		001 DISCHARGE NUMBER						
Address: PO BOX 55			PERMIT NU	MBER	DISCHARGE NOMBER				-	1	
Henderson, NV 890	09-7000)	NO DISCHARGE MONITORING PERIOD NOTE: Read instructions before completing this form								
Facility: Tronox LLC			YEAR MO DAY		Internet state of the participation of the participation of the				, compie	ang ano ionn	
Location: Henderson, NV		FROM			09 30						
Attn: Susan M. Crowley		1 I COM	10 05 01		00 00						
	T	T	QUANTITY OR LOADIN	IG	QU	UALITY OR CONCENTR	ATION		NO.	FREQUENCY	SAMPLE
PARAMETER					00.0				EX	OF ANALYSIS	TYPE
Hexavalent Chromium	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l) 0.000	7 Day Ave (mg/l) 0.000	30 Day Ave(lbs/day 0.000) UNITS MG/L		Maakh	Discrete
Hexavalent Chromium	MEASUREME			****	0.000	0.000	0.000	IVIG/L	0	Weekly	Discrete
Effluent	PERMIT	*****	*****	****	Monitor &	0.01 mg/l	Monitor &	-			
Lindent	REQUIREME	NT	10 12 1 12 A P		Report	0.01 mg/r	Report			1.19	1.50
Total Chromium	SAMPLE	*****	*****		0.041	0.082	0.483	MG/L	0	Weekly	Discrete
	MEASUREME	INT		****	0.011	0.002	0.100	in or L	Ŭ	recordy	Diberete
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &				
	REQUIREME	NT			Report	Report	Report			Constanting of the	
Total Chromium	SAMPLE	*****	*****	1	0.003	0.012	0.036	MG/L	0	Weekly	Discrete
	MEASUREME	INT		****							
Effluent	PREMIT	*****	*****	****	Monitor &	0.1 mg/l	Monitor &			Carlo des	The second
	REQUIREME		Contraction of the		Report		Report				
Total Suspended Solids	SAMPLE		****	****	13.25	18.00	156.38	MG/L	0	Weekly	Discrete
	MEASUREME	-NI *****	****	****				_			<u> </u>
Effluent	PERMIT REQUIREME		*****	****	135 mg/l	Monitor &	1,634 lbs/day				
Iron, Total	SAMPLE		*****		2.48	Report	29.11	MG/L		Maalaha	Discusto
iron, i otai	MEASUREME	1		****	2.40	3.30	29.11	IVIG/L	0	Weekly	Discrete
Effluent	PERMIT	******	*****	****	10 mg/l	Monitor &	121.03 lbs/day	-			
Lindent	REQUIREME	NT	Same and the		10 mg/r	Report	121.00 103/0dy			A The	
Manganese	SAMPLE	the second s	*****		*	*****	*	MG/L	0	Quarterly	Discrete
	MEASUREME	INT		****							
Effluent	PERMIT	*****	*****	****	5 mg/l	NA	60.52 lbs/day				1. Sector
	REQUIREME	NT									
Total Phosphorus, as P	SAMPLE	*****	*****		0.076	0.110	0.895	MG/L	0	Weekly	Discrete
	MEASUREME	INT		****							
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &				No.
	REQUIREME				Report	Report	Report				and the second
NAME/TITLE PRINCIPAL EXECUTIV		ERTIFY UNDER PENALTY OF LAW THA	T THIS DOCUMENT AND ALL ATTACH DANCE WITH A SYSTEM DESIGNED 1		RSONNEL	0	TEL	EPHONE		DATE	
Susan Crowley		OPERLY GATHER AND EVALUATE THE			ON OR MI	owlin				1	
	PER	RSONS WHO MANAGE THE SYSTEM, C ORMATION, THE INFORMATION SUBM	R THOSE PERSONS DIRECTLY RES	PONSIBLE FOR GATHERING THE WLEDGE AND BELIEF, TRUE, ACC	- Barrow and the second s	OF PRICIPAL EXEC		1-2200	11	01	07
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COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here) * Analyzed quarterly. Please see July 2010 DMR for 3rd Q 10 information. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMITTEE NAME/ADDRESS Name: Tronox LLC Address: PO BOX 55				MONITORING F	REPORT (DMR) 001 DISCHARGE NUMBER	(PDES)	N	NO DISCHARGE						
Henderson, NV 890	09-7000					DD MO DAY			E: Read instructions before completing this form					
Facility: Tronox LLC			FROM			and the second s								
Location: Henderson, NV Attn: Susan M. Crowley			FROM	10 09 01	TO 10	09 30								
Aun. Susan w. Crowley	1			QUANTITY OR LOADING	3	Q	JALITY OR CONCENTR	ATION		NO.	FREQUENCY	SAMPLE		
PARAMETER					-					EX	OF ANALYSIS	TYPE		
			30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	A REAL PROPERTY AND ADDRESS OF THE OWNER	30 Day Ave(lbs		1				
Total Phosphorus, as P	SAMPL	2	*****	*****		0.463	0.750	5.466	MG/L	0	Weekly	Discrete		
	MEASURE				****									
Effluent	PERMI		*****	*****	****	Monitor &	Monitor &	20 lbs/day			1000			
	REQUIREM					Report	Report							
Total Ammonia, as N	SAMPL		*****	*****	****	1.49	3.70	17.69	MG/L	0	Weekly	Discrete		
Thursday	MEASURE	CONTRACTOR OF	*****	*****	****	Monitor &	Monitor &	40 lbs/day						
Effluent	REQUIREN					Report	Report	40 IDS/0ay				San Tak		
Attachment A	SAMPL	AND DESCRIPTION OF	*****	****** Please see attached results				sulte		0	Quarterly	Discrete		
	MEASURE	1			****	1100				ľ	Quarterly	Districto		
Effluent	PREMI		*****	*****	****	Monitor &	Monitor &	Monitor	8					
Lindont	REQUIREN	1000				Report	Report	Report			125.3			
Color	SAMPL	E	*****	*****		19	25	*****	ACU	0	Weekly	Discrete		
	MEASURE	VENT			****									
Influent	PERMI	T	*****	*****	****	Monitor &	Monitor &	*****			Sector Sector			
	REQUIREN	IENT	Constant State			Report	Report	1911 22 3						
Color	SAMPL	E	*****	*****	1	15.00	15.00	*****	ACU	0	Weekly	Discrete		
	MEASURE	VIENT			****									
Effluent	PERMI	Т	*****	*****	****	Monitor &	Monitor &	*****		1.00		I STORE		
	REQUIREN	IENT				Report	Report	A Carlot and				14		
Total Inorganic Nitrogen,	SAMPL	E	*****	*****		21.25	23.00	249.97	MG/L	0	Weekly	Discrete		
as N	MEASURE	MENT			****									
Influent	PERMI	T	*****	*****	****	Monitor &	Monitor &	Monitor a	&		1. 1993			
	REQUIREN	/ENT	1. S.			Report	Report	Report						
Total Inorganic Nitrogen,	SAMPL	E	*****	****		1.49	3.70	17.69	MG/L	0	Weekly	Discrete		
as N	MEASURE	MENT			****									
Effluent	PERMI	Т	*****	*****	****	Monitor &	Monitor &	Monitor a	&					
	REQUIREN	IENT				Report	Report	Report		1.1-2				
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY									TELEPHONE		DATE			
NAME/TITLE PRINCIPAL EXECUTIV	E OFFICER			NCE WITH A SYSTEM DESIGNED TO NFORMATION SUBMITTED. BASED O			Op.				1	1		
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COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here)

			NATIONAL POLLUTAI	NT DISCHARGE EL	IMINATION SYSTEM (NPDES)					
PERMITTEE NAME/ADDRESS			DISCHARGE	MONITORING R	EPORT (DMR)						
Name: Tronox LLC			NV 0023060		001						
Address: PO BOX 55			PERMIT NU	MBER	DISCHARGE NUMBER						
Henderson, NV 890	09-7000					•	NO D	ISCHARGE		1	
			MOI	NITORING PERIO	D		NOTE: Read instru	ctions before	e comple	ting this form	
Facility: Tronox LLC			YEAR MO DAY	YEAR	MO DAY						
Location: Henderson, NV		FROM	10 09 01	TO 10	09 30						
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			QUANTITY OR LOADIN	G	QL	JALITY OR CONCENTR	ATION		NO.	FREQUENCY	SAMPLE
PARAMETER		30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/da	y) UNITS	EX	OF ANALYSIS	TYPE
Sulfate	SAMPLE	*****	*****		1,700	*****	19,274	MG/L	0	Monthly	Discrete
ounde	MEASUREME	NT		****	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
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Sulfate	SAMPLE	*****	*****		1,700	*****	19,274	MG/L	0	Monthly	Discrete
	MEASUREME	NT		****							
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &				Constant of
	REQUIREME	COLUMN TWO IS NOT THE OWNER OF THE OWNER OWNER			Report		Report				Contraction of the
Total Dissolved Solids	SAMPLE	*****	*****		*	*****	*	MG/L	0	Quarterly	Discrete
	MEASUREME			****							
Influent	PREMIT	*****	*****	****	Monitor &	*****	Monitor &				Contraction of the
	REQUIREME	NT *****	*****		Report	*****	Report	INO.			
Total Dissolved Solids	SAMPLE	1		****				MG/L	0	Quarterly	Discrete
	MEASUREME	N I *****	*****	****	Manifer 0	*****	Manihan 0	_			
Effluent	PERMIT REQUIREME	and the second second			Monitor &		Monitor &				
Culture	SAMPLE	*****	*****		Report 0.01	*****	Report 0.13	MG/L		Monthly	Discrete
Sulfide	MEASUREME			****	0.01		0.13	IVIG/L	0	Monthly	Discrete
Influent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &	-			
annoenc	REQUIREME	NT			Report		Report				
Sulfide	SAMPLE	*****	****		0.01	*****	0.13	MG/L	0	Monthly	Discrete
Guinde	MEASUREME	NT		****	0.01		0.10	inc/L	Ŭ	internary	Districto
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &				
	REQUIREME	NT	11 Street Street Street		Report		Report				Sugar 1
Oil & Grease	SAMPLE	*****	*****		*	*****	*	MG/L	0	Quarterly	Discrete
On & Grease	MEASUREME	NT		****				INIC/L	Ŭ	quarterly	Districto
Influent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &		1000000		
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NAME/TITLE PRINCIPAL EXECUTIVE		ECTION OR SUPERVISION IN ACCOR				D.			ļ		1
Susan Crowley	1	SONS WHO MANAGE THE SYSTEM,			OVVVV	lowly			14	01	07
CEM 1428, exp 3-8-11		DRMATION, THE INFORMATION SUBN			SIGNATURE	OF PRICIPAL EXECU		51-2200	11	0(07
TYPED OR PRINTED		COMPLETE. I AM AWARE THAT THE						NUMBER	YEAR	MONTH	DAY
INCLUDING THE POSSIBILITY OF FINE AND IMPRSIONMENT FOR KNOWING VIOLATIONS. OFFICER OR AUTHORIZED AGENT CODE											

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here) * Analyzed quarterly. Please see July 2010 DMR for 3rd Q 10 information.

			NATIONAL POLLUTAN	IT DISCHARGE EL	IMINATION SYSTEM (NPDES)						
PERMITTEE NAME/ADDRESS			DISCHARGE	MONITORING F	REPORT (DMR)							
Name: Tronox LLC		001										
Address: PO BOX 55			PERMIT NUMBER DISCHARGE NUMBER									
Henderson, NV 890	09-7000	1					NO DI	SCHARGE		1		
			MON	ITORING PERIC	D		NOTE: Read instruct	tions before	e comple	ting this form		
Facility: Tronox LLC			YEAR MO DAY	YEAR	MO DAY							
Location: Henderson, NV		FROM	10 09 01	TO 10	09 30							
Attn: Susan M. Crowley												
	1		QUANTITY OR LOADING	3	QL	JALITY OR CONCENTRA	ATION		NO.	FREQUENCY	SAMPLE	
PARAMETER		20 Day Ave		UNITS	30 Day Ave (mg/l)		30 Day Ave(lbs/day)	LIMITS	EX	OF ANALYSIS	TYPE	
Oil & Grease	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (IIIg/I)	7 Day Ave (mg/i)	so Day Ave(ibs/day)	MG/L	0	Quarterly	Discrete	
Oll & Glease	MEASUREMEN	JT I		****				IVIG/L	Ŭ	Quarterry	Disciele	
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &					
Linden	REQUIREMEN	T			Report		Report					
Boron	SAMPLE	*****	*****		*	*****	*	MG/L	0	Quarterly	Discrete	
	MEASUREMEN	NT I		****								
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &					
	REQUIREMEN	п			Report		Report					
Dissolved Oxygen	SAMPLE	****	****		6.63	6.79	76.91	MG/L	0	Weekly	Discrete	
	MEASUREMEN	NT.		****								
Effuent	PREMIT	*****	*****	****	Monitor &	Monitor &	Monitor &			and the second	E State	
	REQUIREMEN	Т			Report	Report	Report				12422	
Nitrate as N	SAMPLE	*****	*****		0.13	*****	1.47	MG/L	0	Monthly	Discrete	
	MEASUREMEN	NT		****								
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &			a series in		
	REQUIREMEN	IT			Report		Report		S. Salar			
Kjeldahl Nitrogen as N	SAMPLE	*****	*****		6.98	7.60	81.96	MG/L	0	Weekly	Discrete	
	MEASUREMEN	T		****								
Influent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &			The second	Contract in	
	REQUIREMEN	Т			Report	Report	Report					
Kjeldahl Nitrogen as N	SAMPLE	*****	*****		3.63	5.90	42.86	MG/L	0	Weekly	Discrete	
	MEASUREMEN			****								
Effluent	PERMIT	*****	*****	****	Monitor &	Monitor &	Monitor &		542		R. C. S.	
	REQUIREMEN	т	All and a second		Report	Report	Report					
Chloride	SAMPLE	*****	*****		*	*****	*	MG/L	0	Quarterly	Discrete	
	MEASUREMEN	T		****								
Influent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &					
	REQUIREMEN	Т			Report		Report					
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NAME/TITLE PRINCIPAL EXECUTIVI Susan Crowley	E OFFICER DIREC		INFORMATION SUBMITTED. BASED		10	- De				I		
			R THOSE PERSONS DIRECTLY RESP			onthy			11	01	07	
CEM 1428. exp 3-8-11			TTED IS, TO THE BEST OF MY KNOW RE ARE SIGNIFICANT PENALTIES FOR		SIGNATORE	OF PRICIPAL EXECU	Sector and an an and a sector of the sector	1-2200	VEAD			
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COMMENT AND EXPANATION	E				UFFICER OR	AUTHORIZOD AGEI						

* Analyzed quarterly. Please see July 2010 DMR for 3rd Q 10 information.

			NATIONAL POLLUTAI	NT DISCHARGE EL	IMINATION SYSTEM (NPDES)					
PERMITTEE NAME/ADDRESS	E MONITORING P	REPORT (DMR)									
Name: Tronox LLC NV 0023060					001	<i>a</i> .					
Address: PO BOX 55			PERMIT NU	MBER	DISCHARGE NUMBER						
Henderson, NV 890	09-7000					1	NO D	ISCHARGE		1	
			MONITORING PERIOD NOTE: Read instructions b								
Facility: Tronox LLC			YEAR MO DAY	YEAR	MO DAY						
Location: Henderson, NV		FROM	10 09 01	то 10	09 30						
Attn: Susan M. Crowley											
			QUANTITY OR LOADING QUALITY OR CONCENTRATION								SAMPLE
PARAMETER		20 D	7.5.	LUNITO					EX	OF ANALYSIS	TYPE
Ohlasida	SAMPLE	30 Day Ave	7 Day Average	UNITS	30 Day Ave (mg/l)	7 Day Ave (mg/l)	30 Day Ave(lbs/day			Questad	Dist
Chloride	MEASUREMEI	I		****				MG/L	0	Quarterly	Discrete
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &	-			
Enident	REQUIREMEN	TL			Report		Report				
Radium 226 + 228	SAMPLE	*****	*****	4	1.82	2.03	*****	pCi/L	0	Weekly	Discrete
1 4 4 4 4 7 2 2 0 1 2 2 0	MEASUREMEI	NT.		****	1.02	2.00		POIL	U	Weekly	Disciele
Effluent	PERMIT	*****	*****	****	Monitor &	Monitor &	*****				
	REQUIREMEN	т			Report	Report					
Gross Alpha	SAMPLE	*****	*****		15.43	18.70	*****	pCi/L	0	Weekly	Discrete
	MEASUREMEI	NT		****							
Effluent	PREMIT	*****	*****	****	Monitor &	Monitor &	*****				
	REQUIREMEN	Т			Report	Report					
Chlorate	SAMPLE	*****	*****	1	265	*****	3,117	MG/L	0	Monthly	Discrete
	MEASUREME	NT		****							
Influent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &			1999 - A. B. S.	
	REQUIREMEN	Т			Report		Report				
Chlorate	SAMPLE	*****	*****		0.00	*****	0.04	MG/L	0	Monthly	Discrete
	MEASUREME	NT		****							
Effluent	PERMIT	*****	*****	****	Monitor &	*****	Monitor &				No. State
	REQUIREMEN	JT			Report		Report				
	SAMPLE	*****	*****	1	1				0		
	MEASUREME			****							
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	REQUIREMEN	ιт									
	SAMPLE	*****	*****						0		
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	REQUIREMEN	1T					and the second second				
	8		T THIS DOCUMENT AND ALL ATTACH				TEL	EPHONE		DATE	
NAME/TITLE PRINCIPAL EXECUTIVE Susan Crowley			DANCE WITH A SYSTEM DESIGNED TO INFORMATION SUBMITTED. BASED		NOR LANDI.	0.			-	1	1
Ousan Growley	PERS	SONS WHO MANAGE THE SYSTEM, C	R THOSE PERSONS DIRECTLY RESP	PONSIBLE FOR GATHERING THE	NOR MU	onklin			11	OL	07
CEM 1428, exp 3-8-11	INFO	RMATION, THE INFORMATION SUBM	ITTED IS, TO THE BEST OF MY KNOW		SIGNATURE	OF PRICIPAL EXECU		51-2200	11	L	1
TYPED OR PRINTED			D IMPRSIONMENT FOR KNOWING VIO			AUTHORIZED AGEN	AREA	NUMBER	YEAR	MONTH	DAY
1					UPFICER OR	AUTHONIZED AGEI			A	II.	1

COMMENT AND EXPANATION OF ANY VIOLATIONS (Reference all attachments here) * Analyzed quarterly. Please see July 2010 DMR for 3rd Q 10 information.

00044/961223-1801

ATTACHMENT 2

Supporting Analytical Reports

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein, exceptions and corresponding justifications are provided below.

Susan M. Crowley, CEM 1428, exp 3-8-011