

Roy K Widmann Manager, Hydrologic Services Safety and Environmental Affairs Phone: 405-775-5163 Fax: 405-302-4663 Roy.Widmann@tronox.com

July 14, 2010

Mr. Greg Lovato Nevada Department of Environmental Protection Suite 4001 901 South Stewart St. Carson City, NV 89701

Re: Henderson, NV - Pipeline break during manganese tailings excavation

Dear Mr. Lovato,

As discussed in a conference call last week, on July 6, 2010, while excavating tailings in the historic manganese tailings area at the Tronox Henderson facility, an old unused 24-inch vitrified clay pipe which had carried non-contact cooling water was broken and leaked approximately 5-10 gallons per minute of water onto the ground. The leak was stopped by inserting an inflatable sewer plug into the pipe. The line ran east-west from Timet onto the Tronox site and is located just south of the old cooling tower foundation.

It appears that the unused line was originally plugged by Timet, but that the plugging was incomplete. Timet will now re-plug the line.

Attached is the analysis of a sample collected from the leaking pipe.

If you have questions regarding this minor incident, please contact Keith Bailey (405-216-9213) or Mike Skromyda (702-651-2228). Susan Crowley is on vacation in an area of limited cell phone coverage.

Sincerely.

Roy K. Widmann

Manager, Hydrologic Services

Attachment

cc:

Matt Paque - Tronox

Michael Skromyda - Tronox

Rick Stater - Tronox

Ms. Shannon Harbour - NDEP

Keith Bailey - Environmental Answers

Susan Crowley – Crowley Environmental

Deni Chambers - NGE

Derrick Willis - NGE

Craig Wilkinson - Timet



LABORATORY REPORT

DATE:

July 9, 2010

REPORT NUMBER: 10-2534

CLIENT:

Tronox

PAGE: 1 of 1

P.O. Box 55 Henderson, NV 89009

CLIENT PROJECT:

Sampled By: D. Lam Date Sampled: 07/08/10 Time Sampled: 1430

Report Attention: M. Skromyda

CLIENT PO#:

Submitted by: M. Skromyda Date Received: 07/08/10 Time Received: 1500

Sample ID	Parameter	Result	Unit	Reporting Limit	Method	Date Analyzed	Analyst
VCP Leak-1	pH	6.26		S.U.	SM4500H ⁺ B	07/08/10	DC
	Conductivity	3340	μmho/cm		SM2510B	07/09/10	DC
	Arsenic	ND	mg/L	0.05	EPA6010B	07/09/10	JS
	Barium	0.22	mg/L	0.01	EPA6010B	07/09/10	JS
	Cadmium	ND	mg/L	0.01	EPA6010B	07/09/10	JS
	Chromium	0.01	mg/L	0.01	EPA6010B	07/09/10	JS
	Lead	ND	mg/L	0.05	EPA6010B	07/09/10	JS
	Mercury	0.002	mg/L	0.001	EPA7471A	07/09/10	JS
	Selenium	ND	mg/L	0.05	EPA6010B	07/09/10	JS
	Silver	ND	mg/L	0.05	EPA6010B	07/09/10	JS

ND: non-detect EPA Flags: none

REVIEWED BY:

Anthony Francis Laboratory Director



CHAIN-OF-CUSTODY RECORD

Page

					SDWA CWA RCRA Other	Reporting requirements.	RL MDL PQL	Report Leves: 11 11 1V HOTE Buildinges apply to Leves II and IV reports	*Metals:		
Name.	Company A Same	Maling Address:	City, State, Zip:	Phone: Fax:	STATE OF THE STATE			umbard Containn Thi	RCR PH PH	8 >	
C	REPORT RESULTS TO								Preservative	None	
				0	Other Pertinent info				Matur*	AQ	
				60068				sa	Comp		
	da	J	1	7			Other	d for rush sample	Silver State Lab ID	7534-1	
Payment Method/PO #.	Mike Skromyda	Tromax LL'C	Mailing Address. PO 8 0% 55	Henderson, N	Turnaround Time (Specify Below with an X)	Standard 10 Business Days	(1 Day) 2 Day 3 Day	NOTE: A surcharge is applied for rush samples	Sample Location/ Sample ID	7/8/10 1430 UCP Leak - 1	
	Name X	Company:	failing Address.	City, State, Zip				erature	Time	430 1	
Project/Job #	1		NI GN		8	C. La Report Attention		On-Site pH/Temperature	Date	1 01/8/4	

** Key: P - Plastic G -- Glass V - VOA Vial OT - Other Note. Samples are discarded 30 days after results are reported. Samples deemed hazardous are returned to the client upon completion of analysis

12 Wast 15:00 7-8-16

Relinquished by Signature/Print

1445 hu.

4/M. SKromyda

may constitute fraud

ampering with sample name, date, time, and local Signature/Print M. Stury

Retinguished by Signature/Print

Relinquished by Signature/Print Method of Delivery

Special Instructions

Receiving Laboratory.

*Key. AQ - Aqueous S - Soil W - Waste OT - Other

Authorized by Authorized by Cooks Samples The obligates your organization for tee pertaining to exerce innoted. It collections or legal services are required to process samples with the pertaining to exerce insolvers or inspatchation, will be responsible for all hear and could not service less.