

4th Qtr. 07

94218

# TRONOX

Fredrick R. Stater  
Plant Manager

(702) 651-2233  
Fax (702) 651-2310  
Rick.stater@tronox.com

January 24, 2008

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

**RECEIVED**

JAN 28 2008

ENVIRONMENTAL PROTECTION

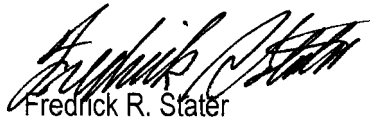
Subject: UIC Permit # UNEV94218 Permit – Fourth Quarter 2007

Tronox LLC, Tronox, maintains Underground Injection Control (UIC) Permit #NEV94218 for groundwater remediation at its Henderson, Nevada, facility. Pursuant to Section I.A.3, samples of the Lake Mead water added to the recharge trenches were collected and analyzed for the fourth quarter of 2007. Please see Attachment 1 for an analytical summary and Attachment 2 for the electronic analytical reports.

Section I.A.3 requires quarterly groundwater monitoring; this information is provided in Attachment 2, as both an analytical summary and electronic analytical reports. Section I.A.3 also requires monitoring of the injection and the extraction monthly rate averages. Average flows of Lake Mead water injection and groundwater extraction are listed in Attachment 2.

Please feel free to contact Susan Crowley at (702) 651-2234 or [susan.crowley@tronox.com](mailto:susan.crowley@tronox.com) if you have any questions regarding this information. Thank you.

Sincerely,



Fredrick R. Stater  
Plant Manager

Overnight Mail

cc: Please see attached distribution sheet



C:\smc\My Documents\Document

Attachments

2008 DEC 14 PM 1:45  
ENVIRONMENTAL PROTECTION  
CARSON CITY, NEVADA

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

**Tronox Document Distribution List**

Updated: 24-Jan-08

**Document Name:** UIC Quarterly Report \*

\* Cover letter includes everything but the analytical reports on CD (Data) - and is reproduced in a 2-sided transmittal

Name		Firm	Distribution		
(Last, First)			Hard	e-Copy	Cvr Only
Croft	Todd	NDEP	X	X-Data	
King	Val	NDEP			
Najima	Jim	NDEP			
Rakvica	Brian	NDEP			
Sous	Nadir	NDEP			
Tinney	Al	NDEP			
Palm	Jon	NDEP			
Holt	Susan	NDEP	X	X-Data	
Harbour	Shannon	NDEP	X-Rpt	X-Data	
Pohlmann	Brenda	COH			
Conaty	Barry	COH Counsel			
Durr	Paul	DAQEM			
Hunsaker	Ross	DAQEM			
Beckstead	Richard	DAQEM			
Jorgenson	Carolyn	DAQEM Counsel			
Mrowka	Rob	CCCP			
Mulroy	Pat	SNWA			
Goff	Mike	SNWA			
Liesing	Joe	SNWA			
Kaplan	Mitch	EPA, Reg 9			
Compliance Corrdonator		NDEP	X	X - Data	
Compliance Coordinator		DAQEM			
Public Repository		Library			

Name		Firm	Distribution		
(Last, First)			Hard	e-Copy	Cvr Only
Corbett	Pat	Tronox			
Elmer	Dana	Tronox			
Hatmaker	John	Tronox			X
Reed	Tom	Tronox	X	X-Data	
Hurst	Elizabeth	Tronox Counsel			X
Stater	Rick	Tronox			X
Crowley	Susan	Tronox	X	X-Data	
Bailey	Keith	Environ Answers	X	X-Data	
Krish	Ed	ENSR			
Bilodeau	Sally	ENSR	X	X-Data	
Gerry	Dave	ENSR			
Lambeth	Jeff	Veolia			X
McDaniel	Tom	Veolia			
Cheung	Mary	Veolia			
Guerrero	Joe	AIG	X	X-Data	
Giroux	Barry	GEI			
Stowers	Kirk	Broadbent			
Sahu	Rahnijit	BMI			
Crouse	George	Syngenta			
Erickson	Lee	Stauffer			
Kelly	Joe	Montrose			
Sundberg	Paul	Montrose			
Gibson	Jeff	AmPac			
Sylvia	Chris	Pioneer			
Wilkinson	Craig	Timet			
Mack	Joel	Montrose Counsel			

## ATTACHMENT 1

### Lake Mead Water Added to Recharge Trenches Analytical Information (Analytical reports included on CD)



C:\smc\My  
Documents\Digital An  
October 2007



C:\smc\My  
Documents\Digital An  
November 2007



C:\smc\My  
Documents\Digital An  
December 2007



C:\smc\My  
Documents\Excel Spr  
Analytical Summary

UIC Permit UIC94218 - 4th Q 07 - Analytical Summary for Injected Lake Mead Water

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
1/15/2007	STABILIZED WATER	Aluminum, Total, ICAP/MS	25	UGL	20	UGL	ML/EPA 200.8
1/15/2007	STABILIZED WATER	Alkalinity in CaCO3 units	136	MGL	2	MGL	SM 2320B/310.1
1/15/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
1/15/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.9	UGL	1	UGL	ML/EPA 200.8
1/15/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.05	MGL	ML/EPA 200.7
1/15/2007	STABILIZED WATER	Barium, Total, ICAP/MS	140	UGL	2	UGL	ML/EPA 200.8
1/15/2007	STABILIZED WATER	Calcium, Total, ICAP	79	MGL	1	MGL	ML/EPA 200.7
1/15/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
1/15/2007	STABILIZED WATER	Chloride	97	MGL	5	MGL	ML/EPA 300.0
1/15/2007	STABILIZED WATER	Carbonate as CO3, Calculated	2.2	MGL	2	MGL	SM 2330B
1/15/2007	STABILIZED WATER	Specific Conductance	999	UMHO	2	UMHO	SM 2510B
1/15/2007	STABILIZED WATER	Fluoride	0.38	MGL	0.05	MGL	SM 4500F-C
1/15/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
1/15/2007	STABILIZED WATER	Potassium, Total, ICAP	5.4	MGL	1	MGL	ML/EPA 200.7
1/15/2007	STABILIZED WATER	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
1/15/2007	STABILIZED WATER	Sodium, Total, ICAP	100	MGL	1	MGL	ML/EPA 200.7
1/15/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.68	MGL	0.5	MGL	ML/EPA 300.0
1/15/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.3	UNIT	0.001	UNIT	SM 4500-HB
1/15/2007	STABILIZED WATER	Sulfate	260	MGL	2.5	MGL	ML/EPA 300.0
1/15/2007	STABILIZED WATER	Metals Turbidity	0.39	NTU	0.02	NTU	HACH
1/15/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	674	MGL	10	MGL	E160.1/SM2540C
2/19/2007	STABILIZED WATER	Bromoform	0.6	UGL	0.5	UGL	ML/EPA 624
2/19/2007	STABILIZED WATER	Chloroform (Trichloromethane)	2.3	UGL	0.5	UGL	ML/EPA 624
2/19/2007	STABILIZED WATER	Dibromochloromethane	2.2	UGL	0.5	UGL	ML/EPA 624
2/19/2007	STABILIZED WATER	Dichlorobromomethane	2.8	UGL	0.5	UGL	ML/EPA 624
2/19/2007	STABILIZED WATER	Alkalinity in CaCO3 units	138	MGL	2	MGL	SM 2320B/310.1
2/19/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
2/19/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	1.9	UGL	1	UGL	ML/EPA 200.8
2/19/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.05	MGL	ML/EPA 200.7
2/19/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
2/19/2007	STABILIZED WATER	Calcium, Total, ICAP	78	MGL	1	MGL	ML/EPA 200.7
2/19/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
2/19/2007	STABILIZED WATER	Chloride	92	MGL	5	MGL	ML/EPA 300.0
2/19/2007	STABILIZED WATER	Specific Conductance	1040	UMHO	2	UMHO	SM 2510B
2/19/2007	STABILIZED WATER	Fluoride	0.35	MGL	0.05	MGL	SM 4500F-C
2/19/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
2/19/2007	STABILIZED WATER	Potassium, Total, ICAP	5	MGL	1	MGL	ML/EPA 200.7
2/19/2007	STABILIZED WATER	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
2/19/2007	STABILIZED WATER	Sodium, Total, ICAP	97	MGL	1	MGL	ML/EPA 200.7
2/19/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.9	UNIT	0.001	UNIT	SM 4500-HB
2/19/2007	STABILIZED WATER	Sulfate	260	MGL	2.5	MGL	ML/EPA 300.0
2/19/2007	STABILIZED WATER	Metals Turbidity	0.19	NTU	0.02	NTU	HACH
2/19/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	684	MGL	10	MGL	E160.1/SM2540C
3/12/2007	STABILIZED WATER	Dibromochloromethane	0.6	UGL	0.5	UGL	ML/EPA 624
3/12/2007	STABILIZED WATER	Dichlorobromomethane	0.5	UGL	0.5	UGL	ML/EPA 624
3/12/2007	STABILIZED WATER	Alkalinity in CaCO3 units	140	MGL	2	MGL	SM 2320B/310.1
3/12/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
3/12/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.1	MGL	ML/EPA 200.7
3/12/2007	STABILIZED WATER	Barium, Total, ICAP/MS	140	UGL	4	UGL	ML/EPA 200.8
3/12/2007	STABILIZED WATER	Calcium, Total, ICAP	77	MGL	2	MGL	ML/EPA 200.7
3/12/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.002	MEQL	SM 1030E
3/12/2007	STABILIZED WATER	Chloride	90	MGL	5	MGL	ML/EPA 300.0
3/12/2007	STABILIZED WATER	Specific Conductance	1000	UMHO	2	UMHO	SM 2510B
3/12/2007	STABILIZED WATER	Fluoride	0.29	MGL	0.05	MGL	SM 4500F-C
3/12/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
3/12/2007	STABILIZED WATER	Potassium, Total, ICAP	4.6	MGL	2	MGL	ML/EPA 200.7
3/12/2007	STABILIZED WATER	Magnesium, Total, ICAP	29	MGL	0.2	MGL	ML/EPA 200.7
3/12/2007	STABILIZED WATER	Sodium, Total, ICAP	96	MGL	2	MGL	ML/EPA 200.7
3/12/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.57	MGL	0.5	MGL	ML/EPA 300.0
3/12/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.2	UNIT	0.001	UNIT	SM 4500-HB
3/12/2007	STABILIZED WATER	Sulfate	260	MGL	2.5	MGL	ML/EPA 300.0
3/12/2007	STABILIZED WATER	Metals Turbidity	0.14	NTU	0.02	NTU	HACH
3/12/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	676	MGL	10	MGL	E160.1/SM2540C
4/9/2007	STABILIZED WATER	Alkalinity in CaCO3 units	140	MGL	2	MGL	SM 2320B/310.1
4/9/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
4/9/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.9	UGL	1	UGL	ML/EPA 200.8
4/9/2007	STABILIZED WATER	Boron, Total, ICAP	0.16	MGL	0.05	MGL	ML/EPA 200.7

UIC Permit UIC94218 - 4th Q 07 - Analytical Summary for Injected Lake Mead Water

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
4/9/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
4/9/2007	STABILIZED WATER	Ionic Balance - Calculated	4.3	PCT	0	PCT	ML/SM1030E
4/9/2007	STABILIZED WATER	Calcium, Total, ICAP	83	MGL	1	MGL	ML/EPA 200.7
4/9/2007	STABILIZED WATER	Cation Sum - Calculated	12	MEQL	0.001	MEQL	SM 1030E
4/9/2007	STABILIZED WATER	Chloride	95	MGL	5	MGL	ML/EPA 300.0
4/9/2007	STABILIZED WATER	Perchlorate	5	UGL	4	UGL	EPA 314
4/9/2007	STABILIZED WATER	Specific Conductance	1063	UMHO	2	UMHO	SM 2510B
4/9/2007	STABILIZED WATER	Fluoride	0.37	MGL	0.05	MGL	SM 4500F-C
4/9/2007	STABILIZED WATER	Iron, Total, ICAP	0.067	MGL	0.02	MGL	ML/EPA 200.7
4/9/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
4/9/2007	STABILIZED WATER	Potassium, Total, ICAP	5.4	MGL	1	MGL	ML/EPA 200.7
4/9/2007	STABILIZED WATER	Magnesium, Total, ICAP	32	MGL	0.1	MGL	ML/EPA 200.7
4/9/2007	STABILIZED WATER	Sodium, Total, ICAP	110	MGL	1	MGL	ML/EPA 200.7
4/9/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.72	MGL	0.5	MGL	ML/EPA 300.0
4/9/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.1	UNIT	0.001	UNIT	SM 4500-HB
4/9/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
4/9/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	678	MGL	10	MGL	E160.1/SM2540C
5/14/2007	STABILIZED WATER	Alkalinity in CaCO3 units	135	MGL	2	MGL	SM 2320B/310.1
5/14/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
5/14/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.4	UGL	1	UGL	ML/EPA 200.8
5/14/2007	STABILIZED WATER	Boron, Total, ICAP	0.14	MGL	0.05	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Barium, Total, ICAP/MS	160	UGL	2	UGL	ML/EPA 200.8
5/14/2007	STABILIZED WATER	Calcium, Total, ICAP	80	MGL	1	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
5/14/2007	STABILIZED WATER	Chloride	97	MGL	5	MGL	ML/EPA 300.0
5/14/2007	STABILIZED WATER	Perchlorate	5.2	UGL	4	UGL	EPA 314
5/14/2007	STABILIZED WATER	Specific Conductance	1070	UMHO	2	UMHO	SM 2510B
5/14/2007	STABILIZED WATER	Fluoride	0.33	MGL	0.05	MGL	SM 4500F-C
5/14/2007	STABILIZED WATER	Iron, Total, ICAP	0.028	MGL	0.02	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	160	MGL	2	MGL	SM 2330B
5/14/2007	STABILIZED WATER	Potassium, Total, ICAP	5.2	MGL	1	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Magnesium, Total, ICAP	31	MGL	0.1	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Sodium, Total, ICAP	97	MGL	1	MGL	ML/EPA 200.7
5/14/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.68	MGL	0.5	MGL	ML/EPA 300.0
5/14/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.2	UNIT	0.01	UNIT	SM 4500-HB
5/14/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
5/14/2007	STABILIZED WATER	Metals Turbidity	0.44	NTU	0.02	NTU	HACH
5/14/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	702	MGL	10	MGL	E160.1/SM2540C
6/11/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.4	UGL	0.5	UGL	ML/EPA 624
6/11/2007	STABILIZED WATER	Dibromochloromethane	1.2	UGL	0.5	UGL	ML/EPA 624
6/11/2007	STABILIZED WATER	Dichlorobromomethane	1.4	UGL	0.5	UGL	ML/EPA 624
6/11/2007	STABILIZED WATER	Alkalinity in CaCO3 units	137	MGL	2	MGL	SM 2320B/310.1
6/11/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
6/11/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.5	UGL	1	UGL	ML/EPA 200.8
6/11/2007	STABILIZED WATER	Boron, Total, ICAP	0.16	MGL	0.05	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	Barium, Total, ICAP/MS	160	UGL	2	UGL	ML/EPA 200.8
6/11/2007	STABILIZED WATER	Calcium, Total, ICAP	84	MGL	1	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
6/11/2007	STABILIZED WATER	Chloride	95	MGL	5	MGL	ML/EPA 300.0
6/11/2007	STABILIZED WATER	Perchlorate	6.2	UGL	4	UGL	EPA 314
6/11/2007	STABILIZED WATER	Chromium, Total, ICAP/MS	1	UGL	1	UGL	ML/EPA 200.8
6/11/2007	STABILIZED WATER	Specific Conductance	1060	UMHO	2	UMHO	SM 2510B
6/11/2007	STABILIZED WATER	Fluoride	0.32	MGL	0.05	MGL	SM 4500F-C
6/11/2007	STABILIZED WATER	Iron, Total, ICAP	0.028	MGL	0.02	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
6/11/2007	STABILIZED WATER	Potassium, Total, ICAP	5.6	MGL	1	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	Magnesium, Total, ICAP	31	MGL	0.1	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	Sodium, Total, ICAP	100	MGL	1	MGL	ML/EPA 200.7
6/11/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.8	UNIT	0.01	UNIT	SM 4500-HB
6/11/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
6/11/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	710	MGL	10	MGL	E160.1/SM2540C
7/9/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.1	UGL	0.5	UGL	ML/EPA 624
7/9/2007	STABILIZED WATER	Dibromochloromethane	0.9	UGL	0.5	UGL	ML/EPA 624
7/9/2007	STABILIZED WATER	Dichlorobromomethane	1	UGL	0.5	UGL	ML/EPA 624
7/9/2007	STABILIZED WATER	Aluminum, Total, ICAP/MS	30	UGL	20	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Alkalinity in CaCO3 units	136	MGL	2	MGL	SM 2320B/310.1
7/9/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E

**UIC Permit UIC94218 - 4th Q 07 - Analytical Summary for Injected Lake Mead Water**

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
7/9/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	1.9	UGL	1	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.05	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Calcium, Total, ICAP	77	MGL	1	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
7/9/2007	STABILIZED WATER	Chloride	94	MGL	5	MGL	ML/EPA 300.0
7/9/2007	STABILIZED WATER	Perchlorate	6.4	UGL	4	UGL	EPA 314
7/9/2007	STABILIZED WATER	Specific Conductance	998	UMHO	2	UMHO	SM 2510B
7/9/2007	STABILIZED WATER	Fluoride	0.36	MGL	0.05	MGL	SM 4500F-C
7/9/2007	STABILIZED WATER	Iron, Total, ICAP	0.054	MGL	0.02	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
7/9/2007	STABILIZED WATER	Potassium, Total, ICAP	5.5	MGL	1	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Sodium, Total, ICAP	96	MGL	1	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.7	UNIT	0.01	UNIT	SM 4500-HB
7/9/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
7/9/2007	STABILIZED WATER	Metals Turbidity	0.2	NTU	0.02	NTU	HACH
7/9/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	718	MGL	10	MGL	E160.1/SM2540C
8/13/2007	STABILIZED WATER	Alkalinity in CaCO3 units	136	MGL	2	MGL	SM 2320B/310.1
8/13/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
8/13/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.7	UGL	1	UGL	ML/EPA 200.8
8/13/2007	STABILIZED WATER	Boron, Total, ICAP	0.13	MGL	0.05	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Barium, Total, ICAP/MS	140	UGL	2	UGL	ML/EPA 200.8
8/13/2007	STABILIZED WATER	Calcium, Total, ICAP	78	MGL	1	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
8/13/2007	STABILIZED WATER	Chloride	89	MGL	5	MGL	ML/EPA 300.0
8/13/2007	STABILIZED WATER	Perchlorate	12	UGL	4	UGL	EPA 314
8/13/2007	STABILIZED WATER	Chromium, Total, ICAP/MS	9.1	UGL	1	UGL	ML/EPA 200.8
8/13/2007	STABILIZED WATER	Specific Conductance	960	UMHO	2	UMHO	SM 2510B
8/13/2007	STABILIZED WATER	Fluoride	0.25	MGL	0.05	MGL	SM 4500F-C
8/13/2007	STABILIZED WATER	Iron, Total, ICAP	0.074	MGL	0.02	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
8/13/2007	STABILIZED WATER	Potassium, Total, ICAP	5	MGL	1	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Sodium, Total, ICAP	94	MGL	1	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.2	UNIT	0.01	UNIT	SM 4500-HB
8/13/2007	STABILIZED WATER	Sulfate	260	MGL	2.5	MGL	ML/EPA 300.0
8/13/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	654	MGL	10	MGL	E160.1/SM2540C
9/10/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.7	UGL	0.5	UGL	ML/EPA 624
9/10/2007	STABILIZED WATER	Dibromochloromethane	0.6	UGL	0.5	UGL	ML/EPA 624
9/10/2007	STABILIZED WATER	Dichlorobromomethane	1.5	UGL	0.5	UGL	ML/EPA 624
9/10/2007	STABILIZED WATER	Alkalinity in CaCO3 units	141	MGL	2	MGL	SM 2320B/310.1
9/10/2007	STABILIZED WATER	Anion Sum - Calculated	10	MEQL	0.005	MEQL	ML/SM1030E
9/10/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.2	UGL	1	UGL	ML/EPA 200.8
9/10/2007	STABILIZED WATER	Boron, Total, ICAP	0.12	MGL	0.05	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
9/10/2007	STABILIZED WATER	Ionic Balance - Calculated	1.5	PCT	0	PCT	ML/SM1030E
9/10/2007	STABILIZED WATER	Calcium, Total, ICAP	71	MGL	1	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	Cation Sum - Calculated	9.7	MEQL	0.001	MEQL	SM 1030E
9/10/2007	STABILIZED WATER	Chloride	87	MGL	5	MGL	ML/EPA 300.0
9/10/2007	STABILIZED WATER	Perchlorate	12	UGL	4	UGL	EPA 314
9/10/2007	STABILIZED WATER	Chromium, Total, ICAP/MS	1.4	UGL	1	UGL	ML/EPA 200.8
9/10/2007	STABILIZED WATER	Specific Conductance	971	UMHO	2	UMHO	SM 2510B
9/10/2007	STABILIZED WATER	Fluoride	0.34	MGL	0.05	MGL	SM 4500F-C
9/10/2007	STABILIZED WATER	Iron, Total, ICAP	0.03	MGL	0.02	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM 2330B
9/10/2007	STABILIZED WATER	Potassium, Total, ICAP	4.7	MGL	1	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	Magnesium, Total, ICAP	26	MGL	0.1	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	Sodium, Total, ICAP	89	MGL	1	MGL	ML/EPA 200.7
9/10/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.7	UNIT	0.01	UNIT	SM 4500-HB
9/10/2007	STABILIZED WATER	Sulfate	240	MGL	2.5	MGL	ML/EPA 300.0
9/10/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	652	MGL	10	MGL	E160.1/SM2540C
10/15/2007	STABILIZED WATER	Chloroform (Trichloromethane)	2.4	UGL	0.5	UGL	ML/EPA 624
10/15/2007	STABILIZED WATER	Dibromochloromethane	1.7	UGL	0.5	UGL	ML/EPA 624
10/15/2007	STABILIZED WATER	Dichlorobromomethane	2.3	UGL	0.5	UGL	ML/EPA 624
10/15/2007	STABILIZED WATER	Alkalinity in CaCO3 units	126	MGL	2	MGL	SM 2320B/310.1
10/15/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E

**UIC Permit UIC94218 - 4th Q 07 - Analytical Summary for Injected Lake Mead Water**

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
10/15/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.9	UGL	1	UGL	ML/EPA 200.8
10/15/2007	STABILIZED WATER	Boron, Total, ICAP	0.142	MGL	0.05	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Barium, Total, ICAP/MS	130	UGL	2	UGL	ML/EPA 200.8
10/15/2007	STABILIZED WATER	Calcium, Total, ICAP	77	MGL	1	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
10/15/2007	STABILIZED WATER	Chloride	99	MGL	5	MGL	ML/EPA 300.0
10/15/2007	STABILIZED WATER	Perchlorate	6.3	UGL	4	UGL	EPA 314
10/15/2007	STABILIZED WATER	Specific Conductance	1070	UMHO	2	UMHO	SM 2510B
10/15/2007	STABILIZED WATER	Fluoride	0.32	MGL	0.05	MGL	SM 4500F-C
10/15/2007	STABILIZED WATER	Iron, Total, ICAP	0.029	MGL	0.02	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	150	MGL	2	MGL	SM 2330B
10/15/2007	STABILIZED WATER	Potassium, Total, ICAP	5.9	MGL	1	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Magnesium, Total, ICAP	32	MGL	0.1	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Sodium, Total, ICAP	110	MGL	1	MGL	ML/EPA 200.7
10/15/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.7	MGL	0.2	MGL	ML/EPA 300.0
10/15/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8	UNIT	0.01	UNIT	SM 4500-HB
10/15/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
10/15/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	706	MGL	10	MGL	E160.1/SM2540C
11/12/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.6	UGL	0.5	UGL	ML/EPA 624
11/12/2007	STABILIZED WATER	Dibromochloromethane	1	UGL	0.5	UGL	ML/EPA 624
11/12/2007	STABILIZED WATER	Dichlorobromomethane	1.9	UGL	0.5	UGL	ML/EPA 624
11/12/2007	STABILIZED WATER	Alkalinity in CaCO3 units	127	MGL	2	MGL	SM 2320B/310.1
11/12/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
11/12/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.9	UGL	1	UGL	ML/EPA 200.8
11/12/2007	STABILIZED WATER	Boron, Total, ICAP	0.14	MGL	0.05	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Barium, Total, ICAP/MS	136	UGL	2	UGL	ML/EPA 200.8
11/12/2007	STABILIZED WATER	Calcium, Total, ICAP	81	MGL	1	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Cation Sum - Calculated	11	MEQL	0.001	MEQL	SM 1030E
11/12/2007	STABILIZED WATER	Chloride	98	MGL	5	MGL	ML/EPA 300.0
11/12/2007	STABILIZED WATER	Perchlorate	21	UGL	4	UGL	EPA 314
11/12/2007	STABILIZED WATER	Specific Conductance	1090	UMHO	2	UMHO	SM 2510B
11/12/2007	STABILIZED WATER	Fluoride	0.33	MGL	0.05	MGL	SM 4500F-C
11/12/2007	STABILIZED WATER	Iron, Total, ICAP	0.03	MGL	0.02	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	150	MGL	2	MGL	SM 2330B
11/12/2007	STABILIZED WATER	Potassium, Total, ICAP	5.8	MGL	1	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Magnesium, Total, ICAP	32	MGL	0.1	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Sodium, Total, ICAP	100	MGL	1	MGL	ML/EPA 200.7
11/12/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.8	MGL	0.5	MGL	ML/EPA 300.0
11/12/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.1	UNIT	0.01	UNIT	SM 4500-HB
11/12/2007	STABILIZED WATER	Sulfate	260	MGL	2.5	MGL	ML/EPA 300.0
11/12/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	680	MGL	10	MGL	E160.1/SM2540C
12/10/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.6	UGL	0.5	UGL	ML/EPA 624
12/10/2007	STABILIZED WATER	Dibromochloromethane	1.8	UGL	0.5	UGL	ML/EPA 624
12/10/2007	STABILIZED WATER	Dichlorobromomethane	2.1	UGL	0.5	UGL	ML/EPA 624
12/10/2007	STABILIZED WATER	Alkalinity in CaCO3 units	134	MGL	2	MGL	SM 2320B/310.1
12/10/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
12/10/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	3.2	UGL	1	UGL	ML/EPA 200.8
12/10/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.05	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
12/10/2007	STABILIZED WATER	Ionic Balance - Calculated	4.3	PCT	0	PCT	ML/SM1030E
12/10/2007	STABILIZED WATER	Calcium, Total, ICAP	82	MGL	1	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Cation Sum - Calculated	12	MEQL	0.001	MEQL	SM 1030E
12/10/2007	STABILIZED WATER	Chloride	100	MGL	5	MGL	ML/EPA 300.0
12/10/2007	STABILIZED WATER	Perchlorate	7.8	UGL	4	UGL	EPA 314
12/10/2007	STABILIZED WATER	Specific Conductance	1070	UMHO	2	UMHO	SM 2510B
12/10/2007	STABILIZED WATER	Fluoride	0.3	MGL	0.05	MGL	SM 4500F-C
12/10/2007	STABILIZED WATER	Iron, Total, ICAP	0.031	MGL	0.02	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	160	MGL	2	MGL	SM 2330B
12/10/2007	STABILIZED WATER	Potassium, Total, ICAP	6	MGL	1	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Magnesium, Total, ICAP	32	MGL	0.1	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Sodium, Total, ICAP	110	MGL	1	MGL	ML/EPA 200.7
12/10/2007	STABILIZED WATER	Nitrate as Nitrogen by IC	0.8	MGL	0.5	MGL	ML/EPA 300.0
12/10/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.1	UNIT	0.01	UNIT	SM 4500-HB
12/10/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
12/10/2007	STABILIZED WATER	Metals Turbidity	0.15	NTU	0.02	NTU	HACH
12/10/2007	STABILIZED WATER	Total Dissolved Solid (TDS)	620	MGL	10	MGL	E160.1/SM2540C

## ATTACHMENT 2

### Groundwater Monitoring

#### Analytical Information (Analytical reports included on CD)



C:\SMC\My  
Documents\Excel Spr  
Water Levels – 4<sup>th</sup> Q 07



C:\smc\My  
Documents\Digital An  
11-6-07 GW Monitoring



C:\smc\My  
Documents\Digital An  
11-7-07 GW Monitoring



C:\smc\My  
Documents\Digital An  
11-8-07 GW Monitoring



C:\smc\My  
Documents\Excel Spr  
Summary of Monitoring Well Information



**Tronox LLC  
Henderson, Nevada Facility**

**UIC PERMIT MONITORING WELLS  
QUARTERLY GROUNDWATER ELEVATIONS (feet)**

Date	M-25 TOC: 1759.93		M-38 TOC: 1759.73		M-80 TOC: 1746.04		M-79 TOC: 1740.21		M-86 TOC: 1744.23		M-94 TOC: 1695.07	
	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
Nov-04	32.63	1727.48	30.79	1728.94	29.68	1716.37	28.16	1714.37	27.34	1716.89	12.73	1682.34
Feb-05	31.96	1727.97	30.41	1729.32	27.16	1718.89	27.04	1715.49	25.39	1718.84	12.07	1683
May-05	32.73	1727.2	30.77	1728.96	27.62	1718.43	27.73	1714.8	28.73	1715.5	12.71	1682.36
Aug-05	30.24	1729.69	30.11	1729.62	27.38	1718.67	26.53	1716	26.18	1718.05	11.48	1683.59
Nov-05	31.09	1728.84	30.28	1729.45	25.51	1718.54	26.1	1716.43	27.98	1716.25	11.4	1683.67
Feb-06	30.93	1729.00	30.35	1729.38			25.48	1717.05	29.23	1715	11.62	1683.45
May-06	31.15	1728.78	30.51	1729.22		1721.44	25.13	1717.4	29.34	1714.89	11.55	1683.52
Aug-06	32.06	1727.87	31.65	1728.08	24	1721.08	26.12	1716.41	29.24	1714.99	11.59	1683.48
Nov-06	32.18	1727.75	31.01	1728.72	25.84	1720.21	26.09	1716.44	29.89	1714.34	11.4	1683.67
Feb-07	32.56	1727.37	31.03	1728.7	27.31	1718.74	26.75	1715.78	30	1714.23	11.64	1683.43
May-07	32.97	1726.96	31.13	1728.6	29.06	1716.99	27.59	1714.94	31.09	1713.14	11.62	1683.45
Aug-07	33.44	1726.49	31.43	1728.3	31.46	1714.59	29.42	1713.11	32.51	1711.72	11.9	1683.17
Nov-07	33.97	1725.96	31.54	1728.19	31.9	1714.15	30.05	1712.48	34.13	1710.1	12.08	1682.99
	-		-		-		-		-		-	

**Tronox LLC  
Henderson, Nevada Facility**

**UIC PERMIT MONITORING WELLS  
QUARTERLY GROUNDWATER ELEVATIONS (feet)**

M-96 TOC: 1693.49		M-98 TOC: 1731.91		M-99 TOC: 1730.74		M-100 TOC: 1730.93		M-102 TOC: 1740.24	
DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
11.62	1681.9	33.02	1698.88	30.53	1700.21	28.83	1702.1	39.18	1701.06
10.2	1683.32	32.97	1698.93	29.96	1700.78	27.98	1702.95	37.73	1702.51
10.89	1682.63	32.98	1698.92	30.09	1700.65	28.47	1702.46	39.44	1700.8
9.79	1683.73	30.81	1701.09	28.74	1702	26.71	1704.22	36.51	1703.73
9.75	1683.77	30.4	1701.5	28.3	1702.44	26.22	1704.71	36.14	1704.1
10.1	1683.42	29.95	1701.95	27.97	1702.77	26	1704.93	36.48	1703.76
10.03	1683.49	28.66	1703.24	27.85	1702.89	25.98	1704.95	36.91	1703.33
10.1	1683.42	29.9	1702	27.89	1702.85	26.02	1704.91	37.33	1702.91
9.93	1683.59	30	1701.9	27.97	1702.77	26.27	1704.66	37.66	1702.58
10.25	1683.27	29.93	1701.97	28.07	1702.67	26.21	1704.72	37.76	1702.48
10.2	1683.32	30.11	1701.79	28.32	1702.42	26.77	1704.16	38.05	1702.19
10.47	1683.05	28.71	1703.19	29.57	1701.17	28.66	1702.27	39.38	1700.86
10.37	1683.15	33.13	1698.77	31.34	1699.4	30.47	1700.46	40.67	1699.57
-	-	-	-	-	-	-	-	-	-

UIC Permit UIC94218 - Analytical Summary for Monitor Wells

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
11/5/2007	<del>M-94</del>	Perchlorate	550000	UGL	100000	UGL	EPA 314
11/5/2007	M-94	Chromium, Total, ICAP	0.62	MGL	0.01	MGL	ML/EPA 6010B
11/5/2007	M-94	Hexavalent chromium (Cr VI)	0.66	MGL	0.1	MGL	ML/EPS 7196
11/5/2007	M-94	PH (H3=past HT, not compliant)	7.4	UNIT	0.001	UNIT	ML/EPA 9040B
11/5/2007	M-94	Total Dissolved Solid (TDS)	7280	MGL	10	MGL	E160.1/SM2540C
11/5/2007	M-44	Perchlorate	789000	UGL	200000	UGL	EPA 314
11/5/2007	M-44	Chromium, Total, ICAP	0.87	MGL	0.01	MGL	ML/EPA 6010B
11/5/2007	M-44	Hexavalent chromium (Cr VI)	0.94	MGL	0.1	MGL	ML/EPS 7196
11/5/2007	M-44	PH (H3=past HT, not compliant)	7.5	UNIT	0.001	UNIT	ML/EPA 9040B
11/5/2007	M-44	Total Dissolved Solid (TDS)	8500	MGL	10	MGL	E160.1/SM2540C
11/7/2007	M-12A	Perchlorate	339000	UGL	40000	UGL	EPA 314
11/7/2007	M-12A	Chromium, Total, ICAP	14	MGL	0.1	MGL	ML/EPA 6010B
11/7/2007	M-12A	Hexavalent chromium (Cr VI)	14	MGL	0.5	MGL	ML/EPS 7196
11/7/2007	M-12A	PH (H3=past HT, not compliant)	8.1	UNIT	0.001	UNIT	ML/EPA 9040B
11/7/2007	M-12A	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
11/7/2007	M-12A	Total Dissolved Solid (TDS)	8060	MGL	10	MGL	E160.1/SM2540C
11/7/2007	M-11	Perchlorate	33200	UGL	4000	UGL	EPA 314
11/7/2007	M-11	Chromium, Total, ICAP	2.7	MGL	0.01	MGL	ML/EPA 6010B
11/7/2007	M-11	Hexavalent chromium (Cr VI)	2.4	MGL	0.1	MGL	ML/EPS 7196
11/7/2007	M-11	PH (H3=past HT, not compliant)	8	UNIT	0.001	UNIT	ML/EPA 9040B
11/7/2007	M-11	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
11/7/2007	M-11	Total Dissolved Solid (TDS)	3330	MGL	10	MGL	E160.1/SM2540C
11/8/2007	M-37	Perchlorate	2470000	UGL	200000	UGL	EPA 314
11/8/2007	M-37	Chromium, Total, ICAP	0.12	MGL	0.01	MGL	ML/EPA 6010B
11/8/2007	M-37	PH (H3=past HT, not compliant)	7.6	UNIT	0.001	UNIT	ML/EPA 9040B
11/8/2007	M-37	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
11/8/2007	M-37	Total Dissolved Solid (TDS)	5760	MGL	10	MGL	E160.1/SM2540C
11/8/2007	M-36	Perchlorate	1650000	UGL	200000	UGL	EPA 314
11/8/2007	M-36	Chromium, Total, ICAP	35	MGL	0.1	MGL	ML/EPA 6010B
11/8/2007	M-36	Hexavalent chromium (Cr VI)	34	MGL	0.005	MGL	ML/EPS 7196
11/8/2007	M-36	PH (H3=past HT, not compliant)	7.6	UNIT	0.001	UNIT	ML/EPA 9040B
11/8/2007	M-36	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
11/8/2007	M-36	Total Dissolved Solid (TDS)					.1/SM2540C
11/8/2007	M-84	Perchlorate					EPA 314
11/8/2007	M-84	Chromium, Total, ICAP					/EPA 6010B
11/8/2007	M-84	Hexavalent chromium (Cr VI)					/EPS 7196
11/8/2007	M-84	PH (H3=past HT, not compliant)					/EPA 9040B
11/8/2007	M-84	Metals Turbidity					HACH
11/8/2007	M-84	Total Dissolved Solid (TDS)					.1/SM2540C
11/8/2007	M-100	Perchlorate					EPA 314
11/8/2007	M-100	Chromium, Total, ICAP					/EPA 6010B
11/8/2007	M-100	Hexavalent chromium (Cr VI)					/EPS 7196
11/8/2007	M-100	PH (H3=past HT, not compliant)					/EPA 9040B
11/8/2007	M-100	Metals Turbidity					HACH
11/8/2007	M-100	Total Dissolved Solid (TDS)					.1/SM2540C

Tronox  
minor mod

**Tronox LLC  
Henderson, Nevada Facility**

**UIC PERMIT UNEV94218  
EXTRACTION AND INJECTION RATES (gpm)**

MONTH	EXTRATION RATE	INJECTION RATE			MONTHLY RATIO *
	(gpm)	(gpm)			
	Monthly Average	Monthly Average	Daily High	Daily Low	
October 2007	59.4	21.0	21.8	20.5	2.8
November 2007	57.3	20.4	21.9	18.9	2.8
December 2007	55.4	18.4	19.6	17.9	3.0

\* Ratio = average extraction rate / average injection rate