

Tronox Eff. 07

94218

TRONOX

William K. Taylor
Operations Manager

(702) 651-2235
Fax (702) 651-2310
bill.taylor@tronox.com

July 21, 2009

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UIC Compliance Coordinator
Nevada Division of Environmental Protection
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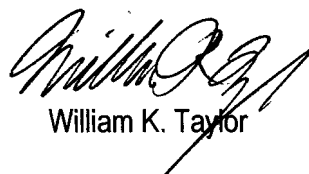
Subject: UIC Permit # UNEV94218 Permit – Second Quarter 2009

Tronox LLC, Tronox, maintains Underground Injection Control (UIC) Permit #UNEV94218 for groundwater remediation at its Henderson, Nevada, facility. Pursuant to Section I.A.4 (Attachment A), samples of the Lake Mead water added to the recharge trenches were collected and analyzed for the subject period. Please see Attachment 1 for the Permit's checklist, as well as an analytical summary of the injected water. The electronic analytical reports are included in Attachment 3.

Section I.A.4 (Attachment A) requires quarterly groundwater monitoring and collection of groundwater elevations. This information is provided in Attachment 2 with the supporting analytical reports provided in Attachment 3. Section I.A.4 (Attachment A) also requires monitoring of the injection and the extraction monthly rate averages. This information is included in Attachment 2 as well. Section I.A.4 (Attachment A) requires transmittal of a potentiometric surface map and this is included as Attachment 4. This map was developed based upon May 2009 water level information.

Please feel free to contact Susan Crowley at (702) 592-7727 or susan.crowley@tronox.com if you have any questions regarding this information. Thank you.

Sincerely,


William K. Taylor

Overnight Mail

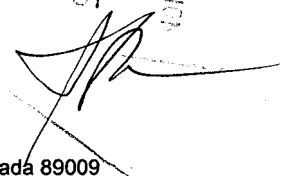
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Attachments

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Tronox. Adding value beyond the product.

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Leavit	Alan	Northgate		X	
Donges	Chris	Northgate		X	
Arnold	Cindy	Northgate		X	
Diebenow	Julie	AIG		X	
Giroux	Barry	GEI		X	
Lambeth	Jeff	Veolia		X	
Stowers	Kirk	Broadbent			
Sahu	Rahnijit	BMI			
Crouse	George	Syngenta			
Erickson	Lee	Stauffer			
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Richards	Curt	Olin			
Bellotti	Michael	Olin			
Wilkinson	Craig	Timet			
Mack	Joel	Montrose Counsel			

ATTACHMENT 1

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



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Analytical Summary



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UIC Permit - Attachment A Checklist

UIC Permit UNEV94218 - 2nd Q 09 Lake Mead Injected Water Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNITs</u>	<u>MRL</u>	<u>UNITs</u>	<u>Method</u>
4/16/2009	STABILIZED WATER	1,1,1-Trichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,1-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,2-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	1,2-Dichloropropane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	2-Butanone (MEK)	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	2-Hexanone	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Acetone	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Acrolein (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Acrylonitrile (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Alkalinity in CaCO3 units	115	mg/l	2	mg/l	SM 2320B
4/16/2009	STABILIZED WATER	Aluminum, Total, ICAP/MS	ND	ug/l	20	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Anion Sum - Calculated	9.8	meq/l	0.001	meq/l	ML/SM1030E
4/16/2009	STABILIZED WATER	Antimony, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Arsenic, Total, ICAP/MS	2	ug/l	1	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Barium, Total, ICAP/MS	90	ug/l	2	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Beryllium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	138	mg/l	2	mg/l	SM 2330B
4/16/2009	STABILIZED WATER	Boron, Total, ICAP	0.14	mg/l	0.05	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Bromoform	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Cadmium, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Calcium, Total, ICAP	56	mg/l	1	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Carbon disulfide	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Carbon Tetrachloride	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Carbonate as CO3, Calculated	5.7	mg/l	2	mg/l	SM 2330B
4/16/2009	STABILIZED WATER	Cation Sum - Calculated	9.9	meq/l	0.001	meq/l	SM 1030E
4/16/2009	STABILIZED WATER	Chloride	87	mg/l	1	mg/l	ML/EPA 300.0
4/16/2009	STABILIZED WATER	Chlorobenzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Chloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Chloroform (Trichloromethane)	3.6	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Chromium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	cis-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	cis-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Copper, Total, ICAP/MS	37	ug/l	2	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Dibromochloromethane	1.1	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Dichlorobromomethane	2.2	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Dichlorodifluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 524.2
4/16/2009	STABILIZED WATER	Ethyl benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Fluoride	0.29	mg/l	0.05	mg/l	SM 4500F-C
4/16/2009	STABILIZED WATER	Hydroxide as OH, Calculated	ND	mg/l	2	mg/l	SM 2330B
4/16/2009	STABILIZED WATER	Iron, Total, ICAP	ND	mg/l	0.02	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Lead, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	m,p-Xylenes	ND	ug/l	1	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Magnesium, Total, ICAP	36	mg/l	0.1	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Manganese, Total, ICAP/MS	ND	ug/l	2	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Mercury	ND	ug/l	0.2	ug/l	EPA 245.1
4/16/2009	STABILIZED WATER	Methyl Bromide	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Methyl Chloride	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Methylene Chloride	ND	ug/l	3	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Nickel, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Nitrate as Nitrogen by IC	0.58	mg/l	0.1	mg/l	ML/EPA 300.0
4/16/2009	STABILIZED WATER	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	o-Xylene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Perchlorate	ND	ug/l	4	ug/l	EPA 314
4/16/2009	STABILIZED WATER	PH (H3=past HT, not compliant)	8.8	Units	0.01	Units	SM 4500-HB
4/16/2009	STABILIZED WATER	Potassium, Total, ICAP	4.8	mg/l	1	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Selenium, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Silver, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Sodium, Total, ICAP	92	mg/l	1	mg/l	ML/EPA 200.7
4/16/2009	STABILIZED WATER	Specific Conductance at 25 C	962	umho/cm	2	umho/cm	SM 2510B
4/16/2009	STABILIZED WATER	Styrene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Sulfate	240	mg/l	0.5	mg/l	ML/EPA 300.0
4/16/2009	STABILIZED WATER	Tetrachloroethylene (PCE)	ND	ug/l	0.5	ug/l	ML/EPA 624

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNITs</u>	<u>MRL</u>	<u>UNITs</u>	<u>Method</u>
4/16/2009	STABILIZED WATER	Tetrahydrofuran	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Thallium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/16/2009	STABILIZED WATER	Toluene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Total Dissolved Solid (TDS)	624	mg/l	10	mg/l	E160.1/SM2540C
4/16/2009	STABILIZED WATER	trans-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	trans-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Trichloroethylene (TCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Trichlorofluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Vinyl Acetate	ND	ug/l	10	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Vinyl Chloride (VC)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/16/2009	STABILIZED WATER	Weak Acid Dissociable Cyanide	ND	mg/l	0.005	mg/l	SM 4500CN-I
4/16/2009	STABILIZED WATER	Zinc, Total, ICAP	0.05	mg/l	0.02	mg/l	EPA/ML 200.7

ATTACHMENT A

UNEV 94218: Monitoring Report Requirements

The Permittee shall submit **quarterly reports** on a continuous basis, **whether actively injecting or not**, which contain the following data (please check all information included in the attached report):

___ The UIC permit number and Attachment A.

___ The results of the chemical analyses as required by Table 1.

Table 1

PARAMETER	FREQUENCY	LOCATION	LIMITATIONS
VOCs, Total Perchlorate, and Profile I Analysis	Quarterly	Lake Mead Water at Discharge Pipe Prior to Injection	State and Federal Drinking Water Standards. Injectate must not degrade the Groundwater Quality
Total and Hexavalent Chromium	Quarterly	M-11, M-12A, M-36, M-37, M-44, M-84, M-95, and M-100	Monitor and Report
Total Perchlorate, Including NaClO ₄ and NH ₄ ClO ₄	Quarterly	M-11, M-12A, M-36, M-37, M-44, M-84, M-95, and M-100	Monitor and Report
TDS	Quarterly	M-11, M-12A, M-36, M-37, M-44, M-84, M-95, and M-100	Monitor and Report
Injection Rate into Injection trenches and Total Volume injected	Continuously	Discharge Pipe Prior to Injection	100 gpm monthly average. Must be equivalent or less than total extraction rate and volume
Extraction Rate and Total Volume extracted	Continuously	Extraction Wells located Upgradient of Injection Trenches	Cumulative extraction rate must be equivalent or greater than injection rate and volume
Groundwater Elevation and Depth	Quarterly	M-25, M-38, M-80, M-82, M-86, M-95, M-96, M-98, M-99, M-100, and M-102	Monitor and Report

___ For each month in the reporting period document injection rate (gpm), volume, date, and time injected of Lake Mead water into two injection trenches.

___ Water level, contour map illustrating groundwater gradient and flow direction.

___ Summary narrative report of monitoring activities for that reporting period. The report shall include, but not be limited to, any problems encountered with the injection system, the results of any tests performed during that period, and any changes noted to the groundwater. If no injection has occurred, report the non-injection status and the reason the system is not in operation.

ATTACHMENT 2

Groundwater Monitoring

Analytical Information (Analytical reports included on CD)



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Water Levels – 2nd Q 09



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Summary of Monitoring Well Information

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT MONITORING WELLS
QUARTERLY GROUNDWATER ELEVATIONS (feet)

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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-95* TOC: 1693.49	
	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		
Feb-05	31.96	1727.97	30.41	1729.32	27.16	1718.89	27.04	1715.49	25.39	1718.84		
May-05	32.73	1727.2	30.77	1728.96	27.62	1718.43	27.73	1714.8	28.73	1715.5		
Aug-05	30.24	1729.69	30.11	1729.62	27.38	1718.67	26.53	1716	26.18	1718.05		
Nov-05	31.09	1728.84	30.28	1729.45	25.51	1720.54	26.1	1716.43	27.98	1716.25		
Feb-06	30.93	1729.00	30.35	1729.38	25.33	1720.72	25.48	1717.05	29.23	1715		
May-06	31.15	1728.78	30.51	1729.22	24.61	1721.44	25.13	1717.4	29.34	1714.89		
Aug-06	32.06	1727.87	31.65	1728.08	24.97	1721.08	26.12	1716.41	29.24	1714.99		
Nov-06	32.18	1727.75	31.01	1728.72	25.84	1720.21	26.09	1716.44	29.89	1714.34		
Feb-07	32.56	1727.37	31.03	1728.7	27.31	1718.74	26.75	1715.78	30	1714.23		
May-07	32.97	1726.96	31.13	1728.6	29.06	1716.99	27.59	1714.94	31.09	1713.14		
Aug-07	33.44	1726.49	31.43	1728.3	31.46	1714.59	29.42	1713.11	32.51	1711.72		
Nov-07	33.97	1725.96	31.54	1728.19	31.9	1714.15	30.05	1712.48	34.13	1710.1		
Feb-08	33.82	1726.11	31.52	1728.21	32.92	1713.13	30.63	1711.9	35.19	1709.04		
May-08	33.82	1726.11	31.46	1728.27	24.91	1721.14	25.66	1716.87	32.33	1711.9		
Aug-08	33.64	1726.29	31.37	1728.36	25.15	1720.9	23.45	1719.08	damaged	-		
Nov-08	33.68	1726.25	31.37	1728.36	28.35	1717.7	24.96	1717.57	"	-	12.62	1680.87
Feb-09	33.61	1726.32	31.3	1728.43	29.77	1716.28	26.5	1716.03	"	-	12.63	1680.86
May-09	33.58	1726.35	31.37	1728.36	31.58	1714.47	28.33	1714.2	"	-	12.75	1680.74
		-		-		-		-		-		-
		-		-		-		-		-		-
		-		-		-		-		-		-

* Monitoring Well M-94 was replaced by monitoring well M-95 in November 2008 correspondecne from NDEP. Future reports will list M-95.

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
11.32	1682.2	33.29	1698.61	32.68	1698.06	33.72	1697.21	41.99	1698.25
11.86	1681.66	33.19	1698.71	33.6	1697.14	32.72	1698.21	42.05	1698.19
10.46	1683.06	33.38	1698.52	31.92	1698.82	30.77	1700.16	43.31	1696.93
12.68	1680.84	33.1	1698.8	31.17	1699.57	30.42	1700.51	43.23	1697.01
12.76	1680.76	dry	-	31.58	1699.16	30.81	1700.12	43.11	1697.13
12.85	1680.67	dry	-	31.9	1698.84	31.27	1699.66	43.21	1697.03
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

UIC Permit UNEV94218 - 1st Q 09 - Monitoring Wells Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNITs</u>	<u>MRL</u>	<u>UNITs</u>	<u>Method</u>
2/5/2009	M-100	Chromium, Total, ICAP	0.19	mg/l	0.01	mg/l	ML/EPA 6010B
2/5/2009	M-100	Hexavalent chromium (Cr VI)	0.172	mg/l	0.005	mg/l	ML/EPA 7196
2/5/2009	M-100	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/5/2009	M-100	Perchlorate	36200	ug/l	4	ug/l	EPA 314
2/5/2009	M-100	pH	7.9	Units	0.001	Units	ML/EPA 9040B
2/5/2009	M-100	Total Dissolved Solid (TDS)	1690	mg/l	10	mg/l	E160.1/SM2540C
2/5/2009	M-11	Chromium, Total, ICAP	3.8	mg/l	0.01	mg/l	ML/EPA 6010B
2/5/2009	M-11	Hexavalent chromium (Cr VI)	3.92	mg/l	0.005	mg/l	ML/EPA 7196
2/5/2009	M-11	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/5/2009	M-11	Perchlorate	57900	ug/l	4	ug/l	EPA 314
2/5/2009	M-11	pH	7.9	Units	0.001	Units	ML/EPA 9040B
2/5/2009	M-11	Total Dissolved Solid (TDS)	3750	mg/l	10	mg/l	E160.1/SM2540C
2/4/2009	M-12A	Chromium, Total, ICAP	11	mg/l	0.01	mg/l	ML/EPA 6010B
2/4/2009	M-12A	Hexavalent chromium (Cr VI)	12.3	mg/l	0.005	mg/l	ML/EPA 7196
2/4/2009	M-12A	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/4/2009	M-12A	Perchlorate	259000	ug/l	4	ug/l	EPA 314
2/4/2009	M-12A	pH	8	Units	0.001	Units	ML/EPA 9040B
2/4/2009	M-12A	Total Dissolved Solid (TDS)	6210	mg/l	10	mg/l	E160.1/SM2540C
2/5/2009	M-36	Chromium, Total, ICAP	35	mg/l	0.01	mg/l	ML/EPA 6010B
2/5/2009	M-36	Hexavalent chromium (Cr VI)	38	mg/l	0.005	mg/l	ML/EPA 7196
2/5/2009	M-36	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/5/2009	M-36	Perchlorate	1490000	ug/l	4	ug/l	EPA 314
2/5/2009	M-36	pH	7.4	Units	0.001	Units	ML/EPA 9040B
2/5/2009	M-36	Total Dissolved Solid (TDS)	17100	mg/l	10	mg/l	E160.1/SM2540C
2/3/2009	M-37	Chromium, Total, ICAP	0.025	mg/l	0.01	mg/l	ML/EPA 6010B
2/3/2009	M-37	Hexavalent chromium (Cr VI)	0.036	mg/l	0.005	mg/l	ML/EPA 7196
2/3/2009	M-37	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/3/2009	M-37	Perchlorate	1830000	ug/l	4	ug/l	EPA 314
2/3/2009	M-37	pH	7.5	Units	0.001	Units	ML/EPA 9040B
2/3/2009	M-37	Total Dissolved Solid (TDS)	5470	mg/l	10	mg/l	E160.1/SM2540C
2/2/2009	M-44	Chromium, Total, ICAP	0.84	mg/l	0.01	mg/l	ML/EPA 6010B
2/2/2009	M-44	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/2/2009	M-44	Perchlorate	646000	ug/l	4	ug/l	EPA 314
2/2/2009	M-44	pH	7.6	Units	0.001	Units	ML/EPA 9040B
2/2/2009	M-44	Total Dissolved Solid (TDS)	9080	mg/l	10	mg/l	E160.1/SM2540C
2/5/2009	M-84	Chromium, Total, ICAP	0.042	mg/l	0.01	mg/l	ML/EPA 6010B
2/5/2009	M-84	Hexavalent chromium (Cr VI)	0.039	mg/l	0.005	mg/l	ML/EPA 7196
2/5/2009	M-84	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/5/2009	M-84	Perchlorate	6970	ug/l	4	ug/l	EPA 314
2/5/2009	M-84	pH	7.9	Units	0.001	Units	ML/EPA 9040B
2/5/2009	M-84	Total Dissolved Solid (TDS)	980	mg/l	10	mg/l	E160.1/SM2540C
2/2/2009	M-95	Chromium, Total, ICAP	1.2	mg/l	0.01	mg/l	ML/EPA 6010B
2/2/2009	M-95	Hexavalent chromium (Cr VI)	1.3	mg/l	0.005	mg/l	ML/EPA 7196
2/2/2009	M-95	Metals digestion performed.	Y	Yes/No	0	Yes/No	EPA 200 Prep
2/2/2009	M-95	Perchlorate	478000	ug/l	4	ug/l	EPA 314
2/2/2009	M-95	pH	7.7	Units	0.001	Units	ML/EPA 9040B
2/2/2009	M-95	Total Dissolved Solid (TDS)	7510	mg/l	10	mg/l	E160.1/SM2540C

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT UNEV94218
EXTRACTION AND INJECTION RATES (gpm)

MONTH	EXTRATION RATE	INJECTION RATE		
	(gpm)	(gpm)		
	Monthly Average	Monthly Average	Daily High	Daily Low
April 2009	67.5	16.2	22.1	0
May 2009	66.6	21.0	22.6	18.0
June 2009	69.3	26.5	48.0	0

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