

3rd Qtr. 07

94218

TRONOX

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October 25, 2007

UIC Compliance Coordinator
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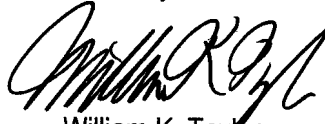
Subject: UIC Permit # UNEV94218 Permit – Third Quarter 2007

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 third 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 if you have any questions regarding this information. Thank you.

Sincerely,


William K. Taylor
Production Manager

Overnight Mail

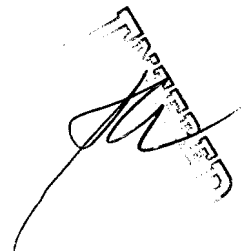
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Attachments

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ATTACHMENT 1

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



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Analytical Summary

UIC Permit UNEV94218 - 3rd Q 07 - Injected Water Analytical Summary

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
7/9/2007	STABILIZED WATER	Alkalinity in CaCO3 units	136	MGL	2	MGL	SM2320B/ 310.1
7/9/2007	STABILIZED WATER	Aluminum, Total, ICAP/MS	30	UGL	20	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Anion Sum - Calculated	11	MEQL	0.005	MEQL	ML/SM1030E
7/9/2007	STABILIZED WATER	Arsenic, Total, ICAP/MS	1.9	UGL	1	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
7/9/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM2330B
7/9/2007	STABILIZED WATER	Boron, Total, ICAP	0.15	MGL	0.05	MGL	ML/EPA 200.7
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	ML/SM1030E
7/9/2007	STABILIZED WATER	Chloride	94	MGL	5	MGL	ML/EPA 300.0
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	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	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
7/9/2007	STABILIZED WATER	Metals Turbidity	0.2	NTU	0.02	NTU	HACH
7/9/2007	STABILIZED WATER	Perchlorate	6.4	UGL	4	UGL	EPA 314
7/9/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.7	UNIT	0.01	UNIT	SM4500-HB
7/9/2007	STABILIZED WATER	Potassium, Total, ICAP	5.5	MGL	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	Specific Conductance	998	UMHO	2	UMHO	SM2510B
7/9/2007	STABILIZED WATER	Sulfate	270	MGL	2.5	MGL	ML/EPA 300.0
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	SM2320B/ 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	Barium, Total, ICAP/MS	140	UGL	2	UGL	ML/EPA 200.8
8/13/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM2330B
8/13/2007	STABILIZED WATER	Boron, Total, ICAP	0.13	MGL	0.05	MGL	ML/EPA 200.7
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	ML/SM1030E
8/13/2007	STABILIZED WATER	Chloride	89	MGL	5	MGL	ML/EPA 300.0
8/13/2007	STABILIZED WATER	Chromium, Total, ICAP/MS	9.1	UGL	1	UGL	ML/EPA 200.8
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	Magnesium, Total, ICAP	30	MGL	0.1	MGL	ML/EPA 200.7
8/13/2007	STABILIZED WATER	Perchlorate	12	UGL	4	UGL	EPA 314
8/13/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	8.2	UNIT	0.01	UNIT	SM4500-HB
8/13/2007	STABILIZED WATER	Potassium, Total, ICAP	5	MGL	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	Specific Conductance	960	UMHO	2	UMHO	SM2510B
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	Alkalinity in CaCO3 units	141	MGL	2	MGL	SM2320B/ 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	Barium, Total, ICAP/MS	150	UGL	2	UGL	ML/EPA 200.8
9/10/2007	STABILIZED WATER	Bicarb.Alkalinity as HCO3,calc	170	MGL	2	MGL	SM2330B
9/10/2007	STABILIZED WATER	Boron, Total, ICAP	0.12	MGL	0.05	MGL	ML/EPA 200.7
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	ML/SM1030E
9/10/2007	STABILIZED WATER	Chloride	87	MGL	5	MGL	ML/EPA 300.0
9/10/2007	STABILIZED WATER	Chloroform (Trichloromethane)	1.7	UGL	0.5	UGL	ML/EPA 624
9/10/2007	STABILIZED WATER	Chromium, Total, ICAP/MS	1.4	UGL	1	UGL	ML/EPA 200.8
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	Fluoride	0.34	MGL	0.05	MGL	SM 4500F-C
9/10/2007	STABILIZED WATER	Ionic Balance - Calculated	1.5	PCT	0	PCT	ML/SM1030E
9/10/2007	STABILIZED WATER	Iron, Total, ICAP	0.03	MGL	0.02	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	Perchlorate	12	UGL	4	UGL	EPA 314
9/10/2007	STABILIZED WATER	PH (H3=past HT, not compliant)	7.7	UNIT	0.01	UNIT	SM4500-HB
9/10/2007	STABILIZED WATER	Potassium, Total, ICAP	4.7	MGL	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	Specific Conductance	971	UMHO	2	UMHO	SM2510B
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

ATTACHMENT 2

Groundwater Monitoring

Analytical Information (Analytical reports included on CD)



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Water Levels – 3rd Q 07



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7-30-07 GW Monitoring



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8-2-07 GW Monitoring



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Summary of Monitoring Well Information

UIC Permit UNEV 94218 - 3rd Q 07 - Well Analytical Summary

Sample Date	Sample ID	Analyte	Result	UNIT	MRL	UNIT	Method
7/30/2007	M-44	Chromium, Total, ICAP	0.88	MGL	0.01	MGL	ML/EPA 6010B
7/30/2007	M-44	Hexavalent chromium (Cr VI)	0.95	MGL	0.05	MGL	ML/EPS 7196
7/30/2007	M-44	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
7/30/2007	M-44	Perchlorate	854000	UGL	200000	UGL	EPA 314
7/30/2007	M-44	PH (H3=past HT, not compliant)	7.5	UNIT	0.001	UNIT	ML/EPA 9040B
7/30/2007	M-44	Total Dissolved Solid (TDS)	9320	MGL	10	MGL	E160.1/SM2540C
7/30/2007	M-94	Chromium, Total, ICAP	0.72	MGL	0.01	MGL	ML/EPA 6010B
7/30/2007	M-94	Hexavalent chromium (Cr VI)	0.74	MGL	0.05	MGL	ML/EPS 7196
7/30/2007	M-94	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
7/30/2007	M-94	Perchlorate	625000	UGL	40000	UGL	EPA 314
7/30/2007	M-94	PH (H3=past HT, not compliant)	7.5	UNIT	0.001	UNIT	ML/EPA 9040B
7/30/2007	M-94	Total Dissolved Solid (TDS)	8280	MGL	10	MGL	E160.1/SM2540C
7/31/2007	M-37	Chromium, Total, ICAP	0.033	MGL	0.02	MGL	ML/EPA 6010B
7/31/2007	M-37	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
7/31/2007	M-37	Perchlorate	2590000	UGL	200000	UGL	EPA 314
7/31/2007	M-37	PH (H3=past HT, not compliant)	7.4	UNIT	0.001	UNIT	ML/EPA 9040B
7/31/2007	M-37	Total Dissolved Solid (TDS)	5950	MGL	10	MGL	E160.1/SM2540C
8/1/2007	M-12A	Chromium, Total, ICAP	13	MGL	0.1	MGL	ML/EPA 6010B
8/1/2007	M-12A	Hexavalent chromium (Cr VI)	14	MGL	0.5	MGL	ML/EPS 7196
8/1/2007	M-12A	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
8/1/2007	M-12A	Perchlorate	320000	UGL	40000	UGL	EPA 314
8/1/2007	M-12A	PH (H3=past HT, not compliant)	8	UNIT	0.001	UNIT	ML/EPA 9040B
8/1/2007	M-12A	Total Dissolved Solid (TDS)	7890	MGL	10	MGL	E160.1/SM2540C
8/2/2007	M-100	Chromium, Total, ICAP	0.19	MGL	0.02	MGL	ML/EPA 6010B
8/2/2007	M-100	Hexavalent chromium (Cr VI)	0.22	MGL	0.005	MGL	ML/EPS 7196
8/2/2007	M-100	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
8/2/2007	M-100	Perchlorate	37500	UGL	4000	UGL	EPA 314
8/2/2007	M-100	PH (H3=past HT, not compliant)	7.8	UNIT	0.001	UNIT	ML/EPA 9040B
8/2/2007	M-100	Total Dissolved Solid (TDS)	1540	MGL	10	MGL	E160.1/SM2540C
8/2/2007	M-11	Chromium, Total, ICAP	2.6	MGL	0.02	MGL	ML/EPA 6010B
8/2/2007	M-11	Hexavalent chromium (Cr VI)	2.8	MGL	0.1	MGL	ML/EPS 7196
8/2/2007	M-11	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
8/2/2007	M-11	Perchlorate	33900	UGL	4000	UGL	EPA 314
8/2/2007	M-11	PH (H3=past HT, not compliant)	8	UNIT	0.001	UNIT	ML/EPA 9040B
8/2/2007	M-11	Total Dissolved Solid (TDS)	3400	MGL	10	MGL	E160.1/SM2540C
8/2/2007	M-36	Chromium, Total, ICAP	33	MGL	0.2	MGL	ML/EPA 6010B
8/2/2007	M-36	Hexavalent chromium (Cr VI)	38	MGL	1	MGL	ML/EPS 7196
8/2/2007	M-36	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
8/2/2007	M-36	Perchlorate	1800000	UGL	200000	UGL	EPA 314
8/2/2007	M-36	PH (H3=past HT, not compliant)	7.5	UNIT	0.001	UNIT	ML/EPA 9040B
8/2/2007	M-36	Total Dissolved Solid (TDS)	17500	MGL	10	MGL	E160.1/SM2540C
8/2/2007	M-84	Chromium, Total, ICAP	0.08	MGL	0.02	MGL	ML/EPA 6010B
8/2/2007	M-84	Hexavalent chromium (Cr VI)	0.09	MGL	0.005	MGL	ML/EPS 7196
8/2/2007	M-84	Metals Turbidity	9.99	NTU	0.02	NTU	HACH
8/2/2007	M-84	Perchlorate	9310	UGL	2000	UGL	EPA 314
8/2/2007	M-84	PH (H3=past HT, not compliant)	7.9	UNIT	0.001	UNIT	ML/EPA 9040B
8/2/2007	M-84	Total Dissolved Solid (TDS)	994	MGL	10	MGL	E160.1/SM2540C

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT MONITORING WELLS
QUARTERLY GROUNDWATER ELEVATIONS (feet)

Date	M-25		M-38		M-80		M-79		M-86		M-94	
	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	1720.54	26.1	1716.43	27.98	1716.25	11.4	1683.67
Feb-06	30.93	1729.00	30.35	1729.38	25.33	1720.72	25.48	1717.05	29.23	1715	11.62	1683.45
May-06	31.15	1728.78	30.51	1729.22	24.61	1721.44	25.13	1717.4	29.34	1714.89	11.55	1683.52
Aug-06	32.06	1727.87	31.65	1728.08	24.97	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
	-	-	-	-	-	-	-	-	-	-	-	-
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**Tronox LLC
Henderson, Nevada Facility**

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

M-96		M-98		M-99		M-100		M-102	
TOC: 1693.49		TOC: 1731.91		TOC: 1730.74		TOC: 1730.93		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
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**Tronox LLC
Henderson, Nevada Facility**

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

MONTH	EXTRACTION RATE (gpm)	INJECTION RATE (gpm)			MONTHLY RATIO *
	Monthly Average	Monthly Average	Daily High	Daily Low	
April 2007	63.8	26.9	29.3	25.6	2.4
May 2007	61.2	25.1	28.8	0.0	2.3
June 2007	59.2	23.4	25.2	20.5	2.5

* Ratio = average extraction rate / average injection rate