

UNEV 44218

94218

TRONOX

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July 23, 2008

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

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ENVIRONMENTAL PROTECTION

Subject: UIC Permit # UNEV94218 Permit – Second Quarter 2008

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 first quarter of 2008. 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
Operations Manager

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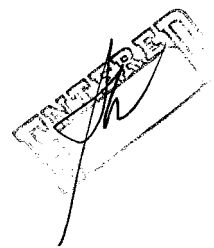
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Attachments



Tronox. Adding value beyond the product.

Tronox Document Distribution List

Updated: 13-May-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

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Flack	Mike	ENSR	X	X	
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Stowers	Kirk	Broadbent			
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Gibson	Jeff	AmPac			
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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May 2008



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June 2008



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Analytical Summary

UIC Permit UNV94218 - 2nd Q 08 - Stabilized Water Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNIT</u>	<u>MRL</u>	<u>UNIT</u>	<u>Method</u>
4/17/2008	STABILIZED WATER	Total Dissolved Solid (TDS)	672	mg/l	10	mg/l	E160.1/SM2540C
4/17/2008	STABILIZED WATER	Mercury	ND	ug/l	0.2	ug/l	EPA 245.1
4/17/2008	STABILIZED WATER	Perchlorate	ND	ug/l	4	ug/l	EPA 314
4/17/2008	STABILIZED WATER	Zinc, Total, ICAP	0.13	mg/l	0.02	mg/l	EPA/ML 200.7
4/17/2008	STABILIZED WATER	Boron, Total, ICAP	0.15	mg/l	0.05	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Calcium, Total, ICAP	76	mg/l	1	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Iron, Total, ICAP	ND	mg/l	0.02	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Magnesium, Total, ICAP	31	mg/l	0.1	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Potassium, Total, ICAP	5.1	mg/l	1	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Sodium, Total, ICAP	98	mg/l	1	mg/l	ML/EPA 200.7
4/17/2008	STABILIZED WATER	Aluminum, Total, ICAP/MS	ND	ug/l	20	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Antimony, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.5	ug/l	1	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Barium, Total, ICAP/MS	140	ug/l	2	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Beryllium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Cadmium, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Chromium, Total, ICAP/MS	2	ug/l	1	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Copper, Total, ICAP/MS	168	ug/l	2	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Lead, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Manganese, Total, ICAP/MS	2.6	ug/l	2	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Nickel, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Selenium, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Silver, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Thallium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
4/17/2008	STABILIZED WATER	Chloride	93	mg/l	1	mg/l	ML/EPA 300.0
4/17/2008	STABILIZED WATER	Nitrate as Nitrogen by IC	0.65	mg/l	0.1	mg/l	ML/EPA 300.0
4/17/2008	STABILIZED WATER	Sulfate	260	mg/l	0.5	mg/l	ML/EPA 300.0
4/17/2008	STABILIZED WATER	Dichlorodifluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 524.2
4/17/2008	STABILIZED WATER	1,1,1-Trichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,1-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,2-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	1,2-Dichloropropane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	2-Butanone (MEK)	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	2-Hexanone	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Acetone	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Acrolein (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Acrylonitrile (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Bromoform	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Carbon disulfide	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Carbon Tetrachloride	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Chlorobenzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Chloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Chloroform (Trichloromethane)	1.5	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	cis-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	cis-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Dibromochloromethane	0.6	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Dichlorobromomethane	1.4	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Ethyl benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	m,p-Xylenes	ND	ug/l	1	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Methyl Bromide	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Methyl Chloride	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Methylene Chloride	ND	ug/l	3	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	o-Xylene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Styrene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Tetrachloroethylene (PCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Tetrahydrofuran	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Toluene	ND	ug/l	0.5	ug/l	ML/EPA 624

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<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNIT</u>	<u>MRL</u>	<u>UNIT</u>	<u>Method</u>
4/17/2008	STABILIZED WATER	trans-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	trans-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Trichloroethylene (TCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Trichlorofluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Vinyl Acetate	ND	ug/l	10	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Vinyl Chloride (VC)	ND	ug/l	0.5	ug/l	ML/EPA 624
4/17/2008	STABILIZED WATER	Anion Sum - Calculated	11	meq/l	0.001	meq/l	ML/SM1030E
4/17/2008	STABILIZED WATER	Cation Sum - Calculated	11	meq/l	0.001	meq/l	SM 1030E
4/17/2008	STABILIZED WATER	Alkalinity in CaCO3 units	130	mg/l	2	mg/l	SM 2320B
4/17/2008	STABILIZED WATER	Bicarb. Alkalinity as HCO3, calc	158	mg/l	2	mg/l	SM 2330B
4/17/2008	STABILIZED WATER	Carbonate as CO3, Calculated	2.6	mg/l	2	mg/l	SM 2330B
4/17/2008	STABILIZED WATER	Hydroxide as OH, Calculated	ND	mg/l	2	mg/l	SM 2330B
4/17/2008	STABILIZED WATER	Specific Conductance	1030	umho/cm	2	umho/cm	SM 2510B
4/17/2008	STABILIZED WATER	Weak Acid Dissociable Cyanide	ND	mg/l	0.005	mg/l	SM 4500CN-I
4/17/2008	STABILIZED WATER	Fluoride	0.32	mg/l	0.05	mg/l	SM 4500F-C
4/17/2008	STABILIZED WATER	PH (H3=past HT, not compliant)	8.4	Units	0.01	Units	SM 4500-HB
5/12/2008	STABILIZED WATER	Total Dissolved Solid (TDS)	696	mg/l	10	mg/l	E160.1/SM2540C
5/12/2008	STABILIZED WATER	Mercury	ND	ug/l	0.2	ug/l	EPA 245.1
5/12/2008	STABILIZED WATER	Perchlorate	ND	ug/l	4	ug/l	EPA 314
5/12/2008	STABILIZED WATER	Zinc, Total, ICAP	0.11	mg/l	0.02	mg/l	EPA/ML 200.7
5/12/2008	STABILIZED WATER	Boron, Total, ICAP	0.15	mg/l	0.05	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Calcium, Total, ICAP	81	mg/l	1	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Iron, Total, ICAP	ND	mg/l	0.02	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Magnesium, Total, ICAP	31	mg/l	0.1	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Potassium, Total, ICAP	5.3	mg/l	1	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Sodium, Total, ICAP	93	mg/l	1	mg/l	ML/EPA 200.7
5/12/2008	STABILIZED WATER	Aluminum, Total, ICAP/MS	ND	ug/l	20	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Antimony, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.7	ug/l	1	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Barium, Total, ICAP/MS	140	ug/l	2	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Beryllium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Cadmium, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Chromium, Total, ICAP/MS	2	ug/l	1	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Copper, Total, ICAP/MS	120	ug/l	2	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Lead, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Manganese, Total, ICAP/MS	ND	ug/l	2	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Nickel, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Selenium, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Silver, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Thallium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
5/12/2008	STABILIZED WATER	Chloride	100	mg/l	1	mg/l	ML/EPA 300.0
5/12/2008	STABILIZED WATER	Nitrate as Nitrogen by IC	0.86	mg/l	0.1	mg/l	ML/EPA 300.0
5/12/2008	STABILIZED WATER	Sulfate	280	mg/l	0.5	mg/l	ML/EPA 300.0
5/12/2008	STABILIZED WATER	Dichlorodifluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 524.2
5/12/2008	STABILIZED WATER	1,1,1-Trichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,1-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,2-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	1,2-Dichloropropane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	2-Butanone (MEK)	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	2-Hexanone	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Acetone	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Acrolein (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Acrylonitrile (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Bromoform	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Carbon disulfide	0.6	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Carbon Tetrachloride	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Chlorobenzene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Chloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Chloroform (Trichloromethane)	1.3	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	cis-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624

UIC Permit UNV94218 - 2nd Q 08 - Stabilized Water Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNIT</u>	<u>MRL</u>	<u>UNIT</u>	<u>Method</u>
5/12/2008	STABILIZED WATER	cis-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Dibromochloromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Dichlorobromomethane	1.2	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Ethyl benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	m,p-Xylenes	ND	ug/l	1	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Methyl Bromide	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Methyl Chloride	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Methylene Chloride	ND	ug/l	3	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	o-Xylene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Styrene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Tetrachloroethylene (PCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Tetrahydrofuran	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Toluene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	trans-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	trans-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Trichloroethylene (TCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Trichlorofluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Vinyl Acetate	ND	ug/l	10	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Vinyl Chloride (VC)	ND	ug/l	0.5	ug/l	ML/EPA 624
5/12/2008	STABILIZED WATER	Anion Sum - Calculated	11	meq/l	0.001	meq/l	ML/SM1030E
5/12/2008	STABILIZED WATER	Cation Sum - Calculated	11	meq/l	0.001	meq/l	SM 1030E
5/12/2008	STABILIZED WATER	Alkalinity in CaCO3 units	101	mg/l	2	mg/l	SM 2320B
5/12/2008	STABILIZED WATER	Bicarb. Alkalinity as HCO3, calc	122	mg/l	2	mg/l	SM 2330B
5/12/2008	STABILIZED WATER	Carbonate as CO3, Calculated	2	mg/l	2	mg/l	SM 2330B
5/12/2008	STABILIZED WATER	Hydroxide as OH, Calculated	ND	mg/l	2	mg/l	SM 2330B
5/12/2008	STABILIZED WATER	Specific Conductance	1060	umho/cm	2	umho/cm	SM 2510B
5/12/2008	STABILIZED WATER	Weak Acid Dissociable Cyanide	ND	mg/l	0.005	mg/l	SM 4500CN-I
5/12/2008	STABILIZED WATER	Fluoride	0.31	mg/l	0.05	mg/l	SM 4500F-C
5/12/2008	STABILIZED WATER	PH (H3=past HT, not compliant)	8.4	Units	0.01	Units	SM 4500-HB
6/2/2008	STABILIZED WATER	Total Dissolved Solid (TDS)	632	mg/l	10	mg/l	E160.1/SM2540C
6/2/2008	STABILIZED WATER	Mercury	ND	ug/l	0.2	ug/l	EPA 245.1
6/2/2008	STABILIZED WATER	Perchlorate	ND	ug/l	4	ug/l	EPA 314
6/2/2008	STABILIZED WATER	Zinc, Total, ICAP	ND	mg/l	0.02	mg/l	EPA/ML 200.7
6/2/2008	STABILIZED WATER	Boron, Total, ICAP	0.15	mg/l	0.05	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Calcium, Total, ICAP	80	mg/l	1	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Iron, Total, ICAP	0.41	mg/l	0.02	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Magnesium, Total, ICAP	29	mg/l	0.1	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Potassium, Total, ICAP	5	mg/l	1	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Sodium, Total, ICAP	89	mg/l	1	mg/l	ML/EPA 200.7
6/2/2008	STABILIZED WATER	Aluminum, Total, ICAP/MS	ND	ug/l	20	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Antimony, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Arsenic, Total, ICAP/MS	2.6	ug/l	1	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Barium, Total, ICAP/MS	150	ug/l	2	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Beryllium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Cadmium, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Chromium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Copper, Total, ICAP/MS	ND	ug/l	2	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Lead, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Manganese, Total, ICAP/MS	3.4	ug/l	2	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Nickel, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Selenium, Total, ICAP/MS	ND	ug/l	5	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Silver, Total, ICAP/MS	ND	ug/l	0.5	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Thallium, Total, ICAP/MS	ND	ug/l	1	ug/l	ML/EPA 200.8
6/2/2008	STABILIZED WATER	Chloride	87	mg/l	1	mg/l	ML/EPA 300.0
6/2/2008	STABILIZED WATER	Nitrate as Nitrogen by IC	0.66	mg/l	0.1	mg/l	ML/EPA 300.0
6/2/2008	STABILIZED WATER	Sulfate	250	mg/l	0.5	mg/l	ML/EPA 300.0
6/2/2008	STABILIZED WATER	Dichlorodifluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 524.2
6/2/2008	STABILIZED WATER	1,1,1-Trichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	1,1-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	ug/l	ML/EPA 624

UIC Permit UNV94218 - 2nd Q 08 - Stabilized Water Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNIT</u>	<u>MRL</u>	<u>UNIT</u>	<u>Method</u>
6/2/2008	STABILIZED WATER	1,2-Dichloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	1,2-Dichloropropane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	2-Butanone (MEK)	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	2-Hexanone	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Acetone	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Acrolein (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Acrylonitrile (Screen)	ND	ug/l	50	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Bromoform	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Carbon disulfide	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Carbon Tetrachloride	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Chlorobenzene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Chloroethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Chloroform (Trichloromethane)	0.6	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	cis-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	cis-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Dibromochloromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Dichlorobromomethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Ethyl benzene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	m,p-Xylenes	ND	ug/l	1	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Methyl Bromide	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Methyl Chloride	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Methylene Chloride	ND	ug/l	3	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	o-Xylene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Styrene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Tetrachloroethylene (PCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Tetrahydrofuran	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Toluene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	trans-1,2-Dichloroethene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	trans-1,3-Dichloropropene	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Trichloroethylene (TCE)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Trichlorofluoromethane	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Vinyl Acetate	ND	ug/l	10	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Vinyl Chloride (VC)	ND	ug/l	0.5	ug/l	ML/EPA 624
6/2/2008	STABILIZED WATER	Anion Sum - Calculated	11	meq/l	0.001	meq/l	ML/SM1030E
6/2/2008	STABILIZED WATER	Cation Sum - Calculated	10	meq/l	0.001	meq/l	SM 1030E
6/2/2008	STABILIZED WATER	Alkalinity in CaCO3 units	142	mg/l	2	mg/l	SM 2320B
6/2/2008	STABILIZED WATER	Bicarb. Alkalinity as HCO3, calc	173	mg/l	2	mg/l	SM 2330B
6/2/2008	STABILIZED WATER	Carbonate as CO3, Calculated	ND	mg/l	2	mg/l	SM 2330B
6/2/2008	STABILIZED WATER	Hydroxide as OH, Calculated	ND	mg/l	2	mg/l	SM 2330B
6/2/2008	STABILIZED WATER	Specific Conductance	1060	umho/cm	2	umho/cm	SM 2510B
6/2/2008	STABILIZED WATER	Weak Acid Dissociable Cyanide	ND	mg/l	0.005	mg/l	SM 4500CN-I
6/2/2008	STABILIZED WATER	Fluoride	0.26	mg/l	0.05	mg/l	SM 4500F-C
6/2/2008	STABILIZED WATER	PH (H3=past HT, not compliant)	7.8	Units	0.01	Units	SM 4500-HB

ATTACHMENT 2

Groundwater Monitoring

Analytical Information (Analytical reports included on CD)



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Documents\Excel Spr
Water Levels – 2nd Q 08



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Documents\Digital An
5-5-08 GW Monitoring



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5-6-08 GW Monitoring



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5-7-08 GW Monitoring



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5-8-08 GW Monitoring



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Summary of Monitoring Well Information

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT MONITORING WELLS
QUARTERLY GROUNDWATER ELEVATIONS (feet)

Date	M-25		M-38		M-80		M-89		M-86		M-94	
	TOC DTW	ELEV 1759.93	TOC DTW	ELEV 1759.73	TOC DTW	ELEV 1601	TOC DTW	ELEV 1707.1	TOC DTW	ELEV 1744.23	TOC DTW	ELEV 1695.07
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
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
Feb-08	33.82	1726.11	31.52	1728.21	32.92	1713.13	30.63	1711.9	35.19	1709.04	12.78	1682.29
May-08	33.82	1726.11	31.46	1728.27	24.91	1721.14	25.66	1716.87	32.33	1711.9	damaged	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-

**Tronox LLC
Henderson, Nevada Facility**

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

M-06		M-08		M-09		M-10		M-10*	
TOC	1690.79	TOC	1731.11	TOC	1702.85	TOC	1704.93	TOC	1704.93
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
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

UIC Permit UNV94218 - 2nd Q 08 - Monitoring Well Analytical Summary

<u>Sample Date</u>	<u>Sample ID</u>	<u>Analyte</u>	<u>Result</u>	<u>UNIT</u>	<u>MRL</u>	<u>UNIT</u>	<u>Method</u>
6/25/2008	M-100	Perchlorate	49800	ug/l	4	ug/l	EPA 314
6/25/2008	M-100	Chromium, Total, ICAP	0.26	mg/l	0.01	mg/l	ML/EPA 6010B
5/7/2008	M-11	Total Dissolved Solid (TDS)	3350	mg/l	10	mg/l	E160.1/SM2540C
5/7/2008	M-11	Perchlorate	34300	ug/l	4	ug/l	EPA 314
5/7/2008	M-11	Chromium, Total, ICAP	2.8	mg/l	0.01	mg/l	ML/EPA 6010B
5/7/2008	M-11	Hexavalent chromium (Cr VI)	2.8	mg/l	0.005	mg/l	ML/EPA 7196
5/7/2008	M-12A	Total Dissolved Solid (TDS)	6650	mg/l	10	mg/l	E160.1/SM2540C
5/7/2008	M-12A	Perchlorate	308000	ug/l	4	ug/l	EPA 314
5/7/2008	M-12A	Chromium, Total, ICAP	14	mg/l	0.01	mg/l	ML/EPA 6010B
5/7/2008	M-12A	Hexavalent chromium (Cr VI)	15	mg/l	0.005	mg/l	ML/EPA 7196
5/8/2008	M-36	Total Dissolved Solid (TDS)	12000	mg/l	10	mg/l	E160.1/SM2540C
5/8/2008	M-36	Perchlorate	1510000	ug/l	4	ug/l	EPA 314
5/8/2008	M-36	Chromium, Total, ICAP	35	mg/l	0.01	mg/l	ML/EPA 6010B
5/8/2008	M-36	Hexavalent chromium (Cr VI)	37	mg/l	0.005	mg/l	ML/EPA 7196
5/6/2008	M-37	Total Dissolved Solid (TDS)	4930	mg/l	10	mg/l	E160.1/SM2540C
5/6/2008	M-37	Perchlorate	2200000	ug/l	4	ug/l	EPA 314
5/6/2008	M-37	Chromium, Total, ICAP	0.032	mg/l	0.01	mg/l	ML/EPA 6010B
5/6/2008	M-37	Hexavalent chromium (Cr VI)	0.034	mg/l	0.005	mg/l	ML/EPA 7196
5/5/2008	M-44	Total Dissolved Solid (TDS)	8070	mg/l	10	mg/l	E160.1/SM2540C
5/5/2008	M-44	Perchlorate	644000	ug/l	4	ug/l	EPA 314
5/5/2008	M-44	Chromium, Total, ICAP	0.86	mg/l	0.01	mg/l	ML/EPA 6010B
5/5/2008	M-44	Hexavalent chromium (Cr VI)	0.87	mg/l	0.005	mg/l	ML/EPA 7196
5/12/2008	M-84	Total Dissolved Solid (TDS)	1040	mg/l	10	mg/l	E160.1/SM2540C
5/12/2008	M-84	Perchlorate	16000	ug/l	4	ug/l	EPA 314
5/12/2008	M-84	Chromium, Total, ICAP	0.12	mg/l	0.01	mg/l	ML/EPA 6010B
5/12/2008	M-84	Hexavalent chromium (Cr VI)	0.11	mg/l	0.005	mg/l	ML/EPA 7196

Tronox LLC
Henderson, Nevada Facility

UIC PERMIT UNEV94218
EXTRACTION AND INJECTION RATES (gpm)

MONTH	EXTRACTION RATE	INJECTION RATE		
	(gpm)	(gpm)		
	Monthly Average	Monthly Average	Daily High	Daily Low
April 2008	61.9	53.5	91.2	0
May 2008	60.5	60.5	65.5	40.7
June 2008	61.0	48.4	65.5	21.7