

Susan Crowley Staff Environmental Specialist (702) 651-2234 Fax (405) 302-4607 susan.crowley@tronox.com

April 29, 2008

Ms. Shannon Harbour, P.E. Nevada Division of Environmental Protection 2030 East Flamingo Road, Suite 230 Las Vegas, Nevada 89119-0818

Subject: Updated Site Related Chemical List Tronox LLC, Henderson, Nevada

Dear Ms. Harbour:

Enclosed is an updated Site Related Chemical list for the Tronox LLC Henderson Facility. The list was updated to respond to comments contained in the Nevada Division of Environmental Protection's March, 24, 2008 letter. Tronox's annotated responses are included for reference.

Please contact me at (702) 651-2234 if you have any comments or questions concerning this correspondence.

Sincerely,

Sm howley

Susan Crowley Staff Environmental Specialist

Overnight Mail

Attachment: As stated

CC: See attached Distribution List

Tronox. Adding value beyond the product.

Tronox LLC • 8000 West Lake Mead Parkway, Henderson, Nevada 89015 • P.O. Box 55, Henderson, Nevada 89009

Tronox Document Distribution List

25-Mar-08 Updated:

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Firm		Tronox	Tronox Counsel		Tronox	Tronox	Tronox		Environ Answers	ENSR	ENSR	ENSR	ENSR	ENSR	ENSR	Veolia	1	AIG	GEI	Broadbent	BMI	Syngenta	Stauffer	Montrose	Montrose	AmPac	щÖ	olin	Timet	Montrose Counsel
Name	(Last, First)	Pat	Matt	ППОГ	Tom	Rick	Susan		Keith	Ed	Sally	Mike	Brian	Robert	Lisa	Jeff		Joe	Barry	Kirk	Rahnijit	George	Lee	Joe	Paul	Jeff	Curt	Michael	Craig	Joel
Ň	(Last	Corbett	Paque	Hatmaker	Reed	Stater	Crowley		Bailey	Krish	Bilodeau	Flack	Р	Kennedy	Bradley	Lambeth		Guerriero	Giroux	Stowers	Sahu	Crouse	Erickson	Kelly	Sundberg	Gibson	Richards	Bellotti	Wilkinson	Mack
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Table 1 Alphabetical Site Related Chemicals List TronoxLLC, Henderson Nevada

A A Adoblog About	Instatum authors	mannaitum	selenium
1,1,1-trichloroethane	calcium sulfate	magnesium magnesium carbonate	silica
1,4-dioxane	chelant (Nalco 1745)		silicon tetrabromide
2-butanone (methyl ethyl	chlorate	magnesium chlorate	silicon tetrachloride
ketone)	chloride	magnesium chloride magnesium perchlorate	silver
2-hexanone	chlorinated organics	magnesium perchiorate	Silver (2,4,5-
			trichlorophenoxypropionic acid)
acenaphthene	chlorinated paraffins	manganese	испоторненохургоронис аска)
acenaphthylene	chlorine	manganese dioxide	
acetone	chlorobenzol	manganese oxide	sodium
actinium 228	(monochlorobenzene,	manganese sulfate	sodium alpha olefin sulfonate
aluminum	chiorobenzene)	mercury	sodium arsenite
ammonia	chioroform	methanol	sodium borate
		metadichlorobenzene (1,3-	
ammonium perchlorate	chromium (hexavalent)	dichiorobenzene)	sodium carbonate
		methyl isobutyl ketone (4-methyl-	
anthracene	chromium (total)	2-pentanone)	sodium chlorate (tumbleaf defoliant)
anti-foam agent	chrysene	methyl mercury	sodium chloride
antimony	citric acid	methyl tert-butyl ether (MTBE)	sodium dichromate
argon	coagulants	methylene chloride	sodium hexametaphosphate
aroclor 1016	coat	molybdenum	sodium hydrosulfide
aroclor 1221	cobalt	napthalene	sodium hydroxide
aroclor 1232	coke	nickel	sodium oxide
aroclor 1242	copper	nitrate	sodium perchlorate
aroclor 1248	cyanide	nitrite	sodium sulfite
aroclor 1254	DDD	nitrobenzene	strontium
aroclor 1260	IDDE	octachlorostyrene	strontium carbonate
arsenic	IDDT	organophosphorous pesticides	sulfate
asbestos	diatomaceous earth	orthodichlorobenzene (1,2-	sulfide
barite	dibenz(a,h)anthracene	dichlorobenzene)	sulfur dioxide
		PAHs (polycyclic aromatic	
barium	diesel fuel	hydrocarbons)	sulfuric acid
barium hydroxide	dioxins/furans		synthetic detergent
barium metaborate	ethylbenzene	paints	tank mud
barium sulfate	filter ald	paradichlorobenzene	TDS (total dissolved solids)
barium sulfide	flammables	paraffin wax	tetrachloroethylene
benz(a)anthracene	flocculants	PCBs	Ithallium
benzene	fluoranthene	perchlorate	thorium (isotopic)
benzo(a)pyrene	fluorene	pesticides	tin
benzo(b)fluoranthene	formaldehyde titrant	pH	titanium
benzo(ghi)peryiene	fuel oxygenates	phenanthrene	titanium tetrachloride
	giycols	phosphate	toluene
benzo(k)fluoranthene			TPH (total petroleum hydrocarbons)
beryllium bismuth 212	graphite gross alpha (adjusted)	phosphorous platinum	tricalcium phosphate
			trichloroethylene
boric acid	hexachlorobenzene	polonium 210	TSS
boron	hydrochloric acid	polonium 215	1. + +
boron carbide	hydrogen chloride	potassium	tungsten
boron tribromide	hydrogen peroxide	potassium chlorate	unknowns
boron trichloride	hydrogen sulfide	potassium chloride	uranium (isotopic)
C ₁₃ -C ₂₂	indeno(1,2,3-cd)pyrene	potassium perchlorate	uranium (total)
C ₂₃₊	insecticides	potassium phosphate	urea
C4-C12	iron	protactinium 231	vanadium
cadmium	iron oxide	pyrene	various lab wastes
calcium	kerosene	pyridine	VM&P naphtha
		radium 226	
calcium carbonate	lead		xylene
calcium chloride	lead (isotopic)	radium 228	zinc
calcium hypochlorite	light aromatic naphtha	radon 219	
calcium oxide (lime)	light aliphatic naphtha	radon 222	<u>I</u>
Notes: Selected synonym	is are shown in parentheses.		

Notes: Selected synonyms are shown in parentheses.

The Site Related Chemical list was approved by NDEP on October 27, 2004 and March 9, 2006. The list was revised to include Protactinium 231, Polonium 215, and Radon 219, on February 21, 2006; 1,4-Dioxane on March 11, 2006; and barium metaborate, diesel fuel, kerosene, light aromatic naphtha, light aliphatic naphtha, methylene chloride, and VM&P naphtha on February 20, 2008. September 2006 and February 2008, selected synonyms were added. Formaldehyde was added on March 11, 2008. Fuel oxygenates, nitrite, and metadichlorobenzene were added on March 25, 2008 per NDEP request.

			6000	Clace	UI UI	PA-SA	Applicable SRCs other than analyte	notes
Analyte	CAS NO.	Melloa	;;;;		; >		flocoulianțe	
Aluminum	7429-90-5	EPA 6010/6020	>-	Σ	┝	~		T
Antimony	7440-36-0	EPA 6010/6020	Υ	Ø	7	۲		T
Arsanic	7440-38-2	EPA 6010/6020	۲	W	۲	٢	sodium arsenite	
Bartum	7440-39-3	EDA EN10/E020	>	×	~	~	barium hydroxide, barium sulfide, barlum sulfate, barium metaborate (8)	
Benziltium	7440-41-7	EPA 6010/6020	· >-	Z	┝≻	≻		
Boron	7440-42-8	EPA 6010/6020	~	Σ	7	۲	boric acid, boron carbide, boron tribromide, boron trichloride, sodium borate	
Cadmlum	7440-43-9	EPA 6010/6020	7	Σ	7	≻		
Calcium	7440-70-2						calcium carbonate, calcium chloride, calcium hypochlorite, calcium oxide, calcium sulfate, tricalcium	
		EPA 6010/6020	~	z	7	~	phosphate	
Chromium (total)	7440-47-3	EPA 6010/6020	7	Σ	7	≻	sodium dichromate	
Chromium (hexavalent)	18540-29-9	EPA 7199/3060A	۲	Σ	۲	۲	sodium dichromate	
Cobalt	7440-48-4	EPA 6010/6020	>	Σ	≻	≻		
Conner	7440-50-8	EPA 6010/6020	۲	M	۲	۲		
iron		EPA 6010/6020	Х	Σ	۲	≻	flocculents, iron oxide, coagulants	T
	7439-92-1	EPA 6010/6020	Y	M	7	۲		
Magneslum	7439-95-4		>	Z	>	>	magnesium carbonte, magnesium cniorate, magnesium chloride, magnesium perchlorate	
	7430.05.4		-				manganese dioxide, manganese oxide, manganese	
Manganese	1-02-2041	EPA 6010/6020	>	s	≻	7	sulfate	
Mercury	7439-97-6	EPA 7470/7471	>	Σ	≻	7	methyl mercury	
Molybdenum	7439-98-7	EPA 6010/6020	> 	Σ	~	~		T
Nickel	7440-02-0	EPA 6010/6020	>	Σ	>	> :		
Platinum	7440-06-4	EPA 6010/6020	> 	Σ	>		1 - 1 - 1 - 11-1 - 11-1 - 11 - 11 - 11	T
Phosphorous	7723-14-0	EPA 6010/6020	>	z	z	z	phosphate saits listed under priospirate	
Potassium	7440-09-7	EPA 6010/6020	۲	M	~	7	porassium critorate, porassium critoriue, porassium perchlorate, potassium phosphate	
Selenlum	7782-49-2	EPA 6010/6020	7	Σ	7	>		
Silicon	7440-21-3	EPA 6010/6020	~	Σ	~	z	silica, diatomaceous earth, niter aid, silicon tetrachloride, silicon tetrabromide	-
Silver	7440-22-4	EPA 6010/6020	>	Σ	>	>		

Anaivte	CAS No.	Method	SRC?	SRC7 Class	ទ	PA-SA	PA-SA Applicable SRCs other than analyte	notes
Sodium	7440-23-5						sodium arsenite, sodium alphaolefin sulfonate, sodium borate, sodium carbonate, sodium chlorate, sodium chloride, sodium dichromate, sodium hexametaphosphate, sodium hydrosulfide, sodium hydroxide, sodium oxide, sodium perchlorate, sodium	<u></u>
Strontitum	7440-24-6	EPA 6010/6020 EDA 6010/6020	> >	ΣΣ	>>	≻	sulfite strontium carbonate	
Tin	7440-31-5	EPA 6010/6020	. >	ž	· >-	· >-		
Titanium	7440-32-6	EPA 6010/6020	۲	Σ	۲	Y	titanium tetrachloride	
Thallium	7440-28-0	EPA 6010/6020	٢	Ŵ	γ	Υ		1
Tungsten	7440-33-7	EPA 6010/6020	٢	W	۲	۲		
Uranium	7440-61-1	EPA 6010/6020	٢	W	Y	۲		
Vanadium	7440-62-2	EPA 6010/6020	۲	W	۲	Y		
Zinc	7440-66-6	EPA 6010/6020	Y	M	۲	۲		
Methyl mecury	22967-92-6	EPA 1630	Υ	W	Y	z	mercury	-
Alkalinity (total, CO ₃ ⁻ , HCO ₃ ⁻)		SM 2320B/EPA 310.1	Y	W	Υ	۲	all alkaline saits in the SRC list	
Ammonia	7664-41-7	EPA 350.1	Y	M	۲	≻	ammonium perchlorate, urea	
Chloride			;		>	>	boron trichloride, calcium chloride, hydrogen chloride, magnesium chloride, potassium chloride, sillcon	******
	16687-00-6	EPA 300.0/9056A	~	3	-	-		
Chlorate	7790-93-4	EPA 300.0/9056	≻	Z	~	>	sodium chlorate, potassium chlorate, tumbleaf defollant	
Cyanide (total)	57-12-5	EPA 335.4/9014	≻	×	≻	≻		
Conductivity		SM 2510B/EPA 9050	۲	ž	Y	۲	all soluble salts listed	
Fluoride	16984-48-8	SM 4500FC/EPA 9056	z	N	۲	z		~
Nitrate	7697-37-2	EPA 300.0/9056	>-	Z	≻	≻		
Nitrite	14797-65-0	EPA 300.0	۲	M	7	≻		
Phosphate (ortho)	14265-44-2	SM 4500PE/EPA9056	۲	W	7	۲	phosphorus, triclacium phosphate, potassium phosphate, sodium hexametaphosphate	
Phosphate (total)	14265-44-2	EPA 365.2	۲	M	۲	N	phosphorus, triclacium phosphate, potassium phosphate, sodium hexametaphosphate	e
Perchlorate	14797-73-0	EPA 314.0	7	M	۲	۲	magnesium perchlorate, potassim perchlorate, sodium perchlorate	
Sulfate	14808-79-8	EPA 300.0/9056	7	N	7	≻	barium sulfate, calcium sulfate, manganese sulfate, flocculents	

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Anslita	CAS No.	Method	SRC?	Class	9n	PA-SA	Applicable SRCs other than analyte	notes
Sulfide	18496-25-8	EPA 9030	7	N	7	z	flocculents, barium sulfide, hydrogen sulfide, sodium hydrosulfide, coagulants	ო
TDS		EPA 160.1	7	W	۲	۲		
TSS		EPA 160.2	۲	W	۲	۲		
Surfactants (MBAS)		EPA 425.1	≻	M	≻	Y	antl-foam agent, flocculents, sodium alphaolefin sulfonate, synthetic detergent	
Hd		EPA 150.1/9040/9045	≻	ß	≻	۲	hydrochloric acid, sulfuric acid	
Bromide	24959-67-9	EPA 300.0/9056	۲	M	۲	۲	boron tribromide, silicon tetrabromide	
Chlorine (residual)		EPA 4500CLG	7	N	۲	z	chlorine, calcium hypochlorite	ო
Total Organic Carbon	ŧ	SM 5310C/ WB/EPA 9060	٢	W	٢	٢	coal, coke, graphite, all organic SRCs	
Flashpoint		EPA 1010	٢	M	٢	z	flammables	ო
Sulfite	14265-45-3	EPA 377.1	Y	N	≻	N	sodium sulfite	ю
Asbestos		EPA 100.1/PLM	Υ	A	۲	Z		
Asbestos		EPA 540-R-97-028/ Draft Modified Elutriator	۲	A	z	۲		4
GRO(C6-C10)		EPA 8015B	۲	н	≻	~	gasoline, flammables, C4-C12, VM&P naphtha, light allphatic naphtha, light aromatic naphtha, TPH	ø
DRO(C10-C28)		EPA 8015B	<u>≻</u>	⊢	≻	~	diesei fuel, kerosene, lubricating olis, paraffin wax, C13-C22, TPH	œ
ORO (C28-C40)		EPA 8015B	۲	Ŧ	۲	۲	Iubricating oils, paraffin wax, C23+, TPH	
Methanoi	67-56-1	EPA 8015B	Y	н	۲	≻	fuei oxygenate	
Ethanol	64-17-5	EPA 8015B	Y	н	7	۲	fuel oxygenate	
Ethylene glycol	107-21-1	EPA 8015B	۲	н	۲	۲	glycols	
Formaldehyde	50-00-0	EPA 8315A	۲	Ц.,	z	z	formaldehyde titrant	ი
4,4'-DDD	72-54-8	EPA 8081A	7		≻	۶		
4,4-DDE	72-55-9	EPA 8081A	>	۵.	≻	>		
4,4'-DDT	50-29-3	EPA 8081A	۲	٩	≻	>		
Aldrin	309-00-2	EPA 8081A	≻	ם.	≻	>	pesticides	
alpha-BHC	319-84-6	EPA 8081A	۲	۵.	۲	≻	pesticides	
beta-BHC	319-85-7	EPA 8081A	۲	ቤ	~	>	pesticides	
Chlordane, technical	57-74-9	EPA 8081A	۲	ፈ	~	7	pesticides	
aipha-Chlordane	5103-71-9	EPA 8081A	7	n .	>	۶	pesticides	
gamma-Chlordane	5103-74-2	EPA 8081A	۶	٩	≻	۶	pesticides	
delta-BHC	319-86-8	EPA 8081A	7	ο.	>		pesticides	

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		N	5000	Clace	l de la	DA.SA	Annlicable SRCs other than analyte	tes
Analyte	- DAI SHO	Netion	5	2212	;			Т
Dieldrin	60-57-1	EPA 8081A	≻	٩.	>-	≻	pesticides	T
Endosulfan I	959-98-8	EPA 8081A	Υ	۵.	۲	۲	pesticides	
Endosulfan II	33213-65-9	EPA 8081A	۲	ፈ	۲	۲	pesticides	_
Endosulfan sulfate	1031-07-8	EPA 8081A	Y	с.	۲	۲	pesticides	
Endrin	72-20-8	EPA 8081A	Y	٩	۲	۲	pesticides	T
Endrin aldehyde	7421-93-4	EPA 8081A	Υ	ፈ	Y	۲	pesticides	
Endrin Ketone	53494-70-5	EPA 8081A	Y	ፈ	۲	۲	pesticides	T
gamma-BHC (Lindane)	58-89-9	EPA 8081A	Y	٩	۲	۲	pesticides	
Heptachlor	76-44-8	EPA 8081A	Y	ፈ	Y	۲	pesticides	
Heptachlor epoxide	1024-57-3	EPA 8081A	Y	ď	٢	۲	pesticides	
Methoxychior	72-43-5	EPA 8081A	Y	đ	٢	Υ	pesticides	
Toxaphene	8001-35-2	EPA 8081A	Y	<u>م</u>	Y	≻	pesticides	
Aracion 1016	12674-11-2	EPA 80882	۲	d.	٢	٢	PCBs	
Aroclor 1221	11104-28-2	EPA 8082	۲	٩	Υ	۲	PCBs	
Aroclar 1232	11141-16-5	EPA 8082	۲	۵.	۲	≻	PCBs	Τ
Aroclor 1242	53469-21-9	EPA 8082	۲	۵.	Υ	≻	PCBs	
Arocior 1248	12672-29-6	EPA 8082	۲	٩.	٢	۲	PCBs	
Aroclor 1254	11097-69-1	EPA 8082	۲	٩.	۲	≻	PCBs	
Araciar 1260	11096-82-5	EPA 8082	۲	٩.	≻	≻	PCBs	T
2,4,5-TP (Silvex)	93-72-1	EPA 8151	Y	Н	Z	۲	Silvex	Τ
1,2,3,4,6,7,8,9-Ocatchlorodibenzofuran	39001-02-0	EPA 1613B/ 8290	۲	۵	۲	≻	dioxins/furans	
1,2,3,4,6,7,8,9-Ocatchlorodlbenzo-p-dloxin	3268-87-9	EPA 1613B/ 8290	~	۵	≻	۲	dioxIns/furans	
1,2,3,4,6,7,8-Heptatchlorodlbenzofuran	67562-39-4	EPA 1613B/ 8290	~	۵	≻	≻	dloxins/furans	
1,2,3,4,6,7,8-Heptatchlorodibenzo-p-dloxin	35822-46-9	EPA 1613B/ 8290	۲	۵	≻	۲	dioxins/furans	
1,2,3,4,7,8,9-Heptatchlorodibenzofuran	55673-89-7	EPA 1613B/ 8290	7	۵	≻	≻	dioxIns/furans	T
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	EPA 1613B/ 8290	۲	۵	≻	≻	dioxins/furans	Τ
1,2,3,4,7,8-Hexachlorodibenzo-p-clioxin	39227-28-6	EPA 1613B/ 8290	۲	۵	≻	≻	dloxins/furans	
1,2,3,6,7,8-Hexachiorodibenzofuran	57117-44-9	EPA 1613B/ 8290	≻	۵	≻	۶	dioxins/furans	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	EPA 1613B/ 8290	7	۵	~	۲	dioxins/furans	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	EPA 1613B/ 8290	۲	۵	≻	۶	dioxins/furans	T
1,2,3,7,8,9-Hexachlorodibenzo-p-dloxin	19408-74-3	EPA 1613B/ 8290	۲	۵	≻	≻	dloxins/furans	T
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	EPA 1613B/ 8290	۲	۵	~	≻	dloxins/furans	
1,2,3,7,8-Pentachlorodibenzof-p-dloxin	40321-76-4	EPA 1613B/ 8290	≻	۵	7	>	dioxins/furans	

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Analyte	CAS No.	Method	SRC?	Class	ne	PA-SA	Applicable SRCs other than analyte	notes
2.3,4,6,7,8-Hexachiorodibenzofuran	60851-34-5	EPA 1613B/ 8290	۲	۵	۲	Y	dioxins/furans	
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	EPA 1613B/ 8290	۲	۵	۲	۲	dloxins/furans	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	EPA 1613B/ 8290	Υ	۵	Υ	≻	dioxins/furans	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	EPA 1613B/ 8290	Υ	۵	۲	≻	dioxins/furans	
Actinium 228	14331-83-0	EPA 901.1/ EML HASL 300	Υ	Я	٢	z		-
Bismuth 212	14913-49-6	EPA 901.1/ EML HASL 300	Υ	R	≻	z		-
Gross alpha (adlusted) ⁽³⁾		EPA 900/ 9310	Y	ĸ	≻	z		-
Lead 210	14255-04-0	EML HASL 300	Y	R	۲	z		-
Lead 212	15092-94-2	EPA 901.1/ EML HASL 300	Y	R	۲	z		-
Polonium 210	13981-52-7	EML HASL 300	۲	R	≻	z		-
Polonium 215			Y	ዱ	z	z	analysis not possible due to short haif-life	- - -
Proactinium 231	7440-13-3	EPA 901.1/ EML HASL 300	۲	æ	≻	z		1,6
Radium 226	13982-63-3	EPA 903.1/ EML HASL 300	۲	R	7	7		
Radium 228	15262-20-1	EPA 904.0/ EML HASL 300	۲	R	٢	≻		
Radon 219			۲	R	z	z	analysis not possible due to short half-life	- 9
Radon 222	10043-92-2	SM7500-RN-B	Y	ĸ	۲	z		
Thorium (isotopic)		EML HASL 300 (alpha)	۲	æ	≻	≻		
Uranlum (Isotopic)		EML HASL 300 (alpha)	۲	ĸ	Υ	~		1
Uranium (total)		ASTM D5174	۲	ĸ	۲	z		1,5
Azinphos-methvi	86-50-0	EPA 8141	Y	0	۲	7	organophosphorus pesticides	
Bolstar	35400-43-2	EPA 8141	۲	0	٢	≻	organophosphorus pesticides	
Chlomvrifos	2921-88-2	EPA 8141	۲	0	γ	Y	organophosphorus pesticides	
Coumaphos	56-72-4	EPA 8141	۲	0	۲	≻	organophosphorus pesticides	
Demeton-O	298-03-3	EPA 8141	۲	0	≻	≻	organophosphorus pesticides	
Demetor-S	126-75-0	EPA 8141	۲	0	≻	≻	organophosphorus pesticides	
Diazinon	333-41-5	EPA 8141	7	0	~	۲	organophosphorus pesticides	
Dichlorvos	62-73-7	EPA 8141	>	0	>	≻	organophosphorus pesticides	
Dimethoate	60-51-5	EPA 8141	۲	0	7	≻	organophosphorus pesticides	
Disuloton	298-04-4	EPA 8141	7	0	≻	≻	organophosphorus pesticides	
EPN	2104-65-5	EPA 8141	Y	0	7	≻	organophosphorus pesticides	
Ethoprop	13194-48-4	EPA 8141	Y	0	>	≻	organophosphorus pesticides	
Famphur	52-85-7	EPA 8141	7	٥	≻	≻	organophosphorus pesticides	
Fensulfothion	115-90-2	EPA 8141	>	0	7	7	organophosphorus pesticides	

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	CASNO	Method	SRC?	Class	g	PA-SA	Applicable SRCs other than analyte	notes
Analyte		FPA 8141	×	0	≻	۲	organophosphorus pesticides	
Fentnion			• >	С	>	7	organophosphorus pesticides	
Malathion			-			. >	organophosphorus pesticides	
Merphos		ETA 0141	- ;	, ,	- >	- >		Ī
Mevinphos	7786-34-7	EPA 8141	>	0	>	<u>_</u>	organoprosprorus pesiciues	I
Naled	300-76-5	EPA 8141	≻	0	≻	≻	organophosphorus pesticides	
Parathion-ethyl	56-38-2	EPA 8141	≻	0	>	۲	organophosphorus pesticides	
Parathion-methyl	298-00-0	EPA 8141	۲	0	\succ	≻	organophosphorus pesticides	T
Phorate	298-02-2	EPA 8141	۲	0	۲	۲	organophosphorus pesticides	
Ronnel		EPA 8141	٢	0	۲	≻	organophosphorus pesticides	
Stirphos	22248-79-9	EPA 8141	۲	0	7	≻	organophosphorus pesticides	
Sulfateop	3689-24-5	EPA 8141	Y	0	۲	~	organophosphorus pesticides	
Thionazin	297-97-2	EPA 8141	Y	0	≻	۲	organophosphorus pesticides	
Tokuthion	34643-46-4	EPA 8141	۲	0	۲	7	organophosphorus pesticides	T
Trichloronate	327-98-0	EPA 8141	Y	0	≻	≻	organophosphorus pesticides	T
1.1.1.2-Tetrachloroethane	630-20-6	EPA 8260	N	>	7	>		
1.1.1-Trichtoroethane	71-55-6	EPA 8260	۲	\ ۲	~	≻		T
1.1.2.2-Tetrachloroethane	79-34-5	EPA 8260	N	>	۶	≻		
1.1.2-Trichloroethane	79-00-5	EPA 8260	z	>	>	۲		
1.1-Dichloroethane	75-34-3	EPA 8260	z	>	>	≻		
1.1-Dichloroethene	75-35-4	EPA 8260	z	>	~	≻		
1.1-Dichloropropene	563-58-6	EPA 8260	N	>	>	۶		
1.2.3-Trichlorobenzene	120-82-1	EPA 8260	z	>	>	≻		
1.2.3-Trichloropropane	96-18-4	EPA 8260	z	>	>	~		
1,2,4-Trichlorobenzene	120-82-1	EPA 8260	z	>	≻	7		6
1.2.4-Trimethylbenzene	95-63-6	EPA 8260	≻	>	>	>	light aromatic naphtha	α
1.2-Dibromo-3-chlorapropane	96-12-8	EPA 8260	Z	>	۶	>		
1.2-Dibromoethane	106-93-4	EPA 8260	z	>	≻	7		T
1.2-Dichlorobenzene	95-50-1	EPA 8260	>	>	>	>	orthodichiorobenzene	
1.2-Dichloroethane	107-06-2	EPA 8260	z	>	~	7		
1.2-Dichloropropane	78-87-5	EPA 8260	z	>	7	>		
1.3.5-Trimethylbenzene	108-67-8	EPA 8260	~	>	>	>		
1.3-Dichlorobenzene	541-73-1	EPA 8260	>	>	~	≻	metadichiorobenzene	
1,3-Dichloropropane	142-28-9	EPA 8260	z	>	≻	~		

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1.4.Elylonoberteene 106-46.7 EPA 8260 γ	$\begin{array}{c c c c c c c c c c c c c c c c c c c $				Y paradicibiorobenzene 2 N 2 Y paint, methyl ethyl ketone 2 Y paint, methyl isobutyl ketone 2 Y paint 2 Y paint <td< th=""></td<>
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		<u> </u>		
	$z \rightarrow z \rightarrow z \rightarrow z \rightarrow z \rightarrow z z z z z z \rightarrow z \rightarrow z$				alint, methyl ethyl ketone alint palint, methyl isobutyl ketone alint cilnoberzoi
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		<u> </u>		aaint, methyl ethyl ketone aaint, methyl isobutyl ketone aaint control
terte $95.49-8$ EPA 8260 N V Y	$z \rightarrow z \rightarrow z \rightarrow z z z z z z \rightarrow z \rightarrow z z z z z$		×××××××××××××××××××		adint. aaliht, metitiyi Isobutiyi ketone balint calint control and
$ \begin{array}{l c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		×××××××××××××××		aaint, methyl isoburlyl ketone Daint Daint control isoburlyl ketone Daint colorenzoi
106-43-4 EPA 8260 N V Y <thy< th=""> Y <thy< th=""></thy<></thy<>	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<u> </u>		alint, methyl isobutyl ketone Daint ciniorobenzol
none 108-10-1 EPA 8260 Y V Y	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<u> </u>		aaint, methyl isobutyl ketone aaint chlorobenzol
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<u> </u>		Dalint
T1-43-2 EPA 8260 Y <thy< th=""> Y <thy< th=""> <</thy<></thy<>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	<u> </u>		chilorobenzol
Tache 108-86-1 EPA 8260 N V Y Y Ioromethane 74-97-5 EPA 8260 N V Y Y Ioromethane 75-27-4 EPA 8260 N V Y Y Informethane 75-27-4 EPA 8260 N V Y Y Infane 75-25-2 EPA 8260 N V Y Y Y etrachloride 75-23-5 EPA 8260 N Y Y Y Y etrachloride 56-23-5 EPA 8260 N Y Y Y Y inter 74-87-3 EPA 8260 N Y Y Y Y inter 74-87-3 EPA 8260 N Y Y Y Y Y inter 74-87-3 EPA 8260 N Y Y Y Y Y Y Y Y Y Y Y Y Y Y		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	×××××××		chlorobenzol
(F) 74-97-5 EPA 8260 N V Y (e) 75-27-4 EPA 8260 N V Y Y (f) 75-27-4 EPA 8260 N V Y Y Y (f) 75-25-2 EPA 8260 N V Y Y Y (f) 75-00-3 EPA 8260 N V Y Y Y (f) 75-00-3 EPA 8260 N V Y Y Y (f) 75-00-3 EPA 8260 N V Y Y Y (f) 76-66-3 EPA 8260 N V Y Y Y (f) 7 74-85-3 EPA 8260 N V Y Y Y (f) 1061-01-5 EPA 8260 N V Y Y Y Y (f) 10661-01-5 EPA 8260 N V Y Y Y Y		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	× × × × × ×		chlorobenzol
le 75-27-4 EPA 8260 N V Y 75-25-2 EPA 8260 N V Y Y 75-25-2 EPA 8260 N V Y Y 74-83-9 EPA 8260 N V Y Y 74-83-9 EPA 8260 N V Y Y 75-00-3 EPA 8260 N V Y Y 75-00-3 EPA 8260 N V Y Y 67-66-3 EPA 8260 N V Y Y 106 74-87-3 EPA 8260 N V Y Y 16 166-92-2 EPA 8260 N V Y Y Y 16 124-48-1 EPA 8260 N V Y Y Y 16 124-48-1 EPA 8260 N V Y Y Y 16 124-48-1 EPA 8260 N V Y <td< td=""><td></td><td>>>>>>>>>>>></td><td><u> </u></td><td></td><td>chlorobenzol</td></td<>		>>>>>>>>>>>	<u> </u>		chlorobenzol
75-25-2 EPA 8260 N V Y Y 74-83-9 EPA 8260 N V Y Y Y 74-83-9 EPA 8260 N V Y Y Y 76-53-5 EPA 8260 Y Y Y Y Y 76-0-3 EPA 8260 N V Y Y Y 75-01-3 EPA 8260 N Y Y Y Y 74-87-3 EPA 8260 N Y Y Y Y 6 1166-92-2 EPA 8260 N Y Y Y Y 6 12448-1 EPA 8260 N Y Y Y Y 6 75-71-8 EPA 8260 N Y Y Y Y Y 6 75-71-8 EPA 8260 N Y Y Y Y Y Y Y Y Y Y Y Y <t< td=""><td></td><td>> > > > > ></td><td><u> </u></td><td></td><td>chlorobenzol</td></t<>		> > > > > >	<u> </u>		chlorobenzol
Td Td Td N V Y Y loride $56-23-5$ $EPA 8260$ N V Y Y Y Y loride $56-23-5$ $EPA 8260$ N Y Y Y Y Y r $75-00-3$ $EPA 8260$ N Y Y Y Y r $75-00-3$ $EPA 8260$ N Y Y Y Y r $75-02-3$ $EPA 8260$ N Y Y Y Y ethene $166-92-2$ $EPA 8260$ N N Y Y Y ethene $124.48-1$ $EPA 8260$ N N Y Y Y nethane $75-71-8$ $EPA 8260$ N N Y Y Y e^{10} $76-92-3$ $EPA 8260$ N V Y Y Y e^{10} $74-95-3$ $EPA 8260$ N V<		>>>>	<u> </u>		chlorobenzol
	z > z > z z z	>>>	<u>></u> >		chiorobenzol
108-90-7 EPA 8260 Y Y Y Y Y 75-00-3 EPA 8260 N V Y Y Y Y 67-66-3 EPA 8260 Y Y Y Y Y Y 74-87-3 EPA 8260 N V Y Y Y Y 74-87-3 EPA 8260 N V Y Y Y Y 166-92-2 EPA 8260 N V Y Y Y Y 124-48-1 EPA 8260 N V Y Y Y Y 124-48-1 EPA 8260 N V Y Y Y Y 124-48-1 EPA 8260 N Y Y Y Y Y Y 100-41-4 EPA 8260 N Y	→ z → z z	>>	>		chlorobenzol
T5-00-3 EPA 8260 N V Y Y 67-66-3 EPA 8260 Y V Y<	z > z z	>	-		
67-66-3 EPA 8260 Y V Y	> z z		- 	7	
T4-B7-3 EPA 8260 N V Y e 156-92-2 EPA 8260 N V Y e 10061-01-5 EPA 8260 N V Y Y e 10061-01-5 EPA 8260 N V Y Y e 124-48-1 EPA 8260 N V Y Y e 74-95-3 EPA 8260 N V Y Y e 75-71-8 EPA 8260 N V Y Y e 75-71-8 EPA 8260 N V Y Y e 100-41-4 EPA 8260 Y Y Y Y e 100-41-4 EPA 8260 Y Y Y Y f 100-41-4 EPA 8260 Y Y Y Y f 100-41-4 EPA 8260 Y Y Y Y	zz	>	7	≻	
TEE Tec-92-2 EPA 8260 N V Y Y e 10061-01-5 EPA 8260 N V Y Y Y e 124-48-1 EPA 8260 N V Y Y Y e 74-95-3 EPA 8260 N V Y Y Y e 75-71-8 EPA 8260 N V Y Y Y E 75-71-8 EPA 8260 N Y Y Y Y E 100-41-4 EPA 8260 Y Y Y Y Y E 100-41-4 EPA 8260 Y Y Y Y Y E 100-41-4 EPA 8260 Y Y Y Y Y E 100-41-4 EPA 8260 Y Y Y Y Y	z	>		7	
e 10061-01-5 EPA 8260 N V Y v 724-48-1 EPA 8260 N V Y Y r 74-95-3 EPA 8260 N V Y Y e 75-71-8 EPA 8260 N V Y Y e 75-71-8 EPA 8260 N V Y Y e 100-41-4 EPA 8260 Y Y Y Y e 100-41-4 EPA 8260 Y Y Y Y f 100-41-4 EPA 8260 Y Y Y Y f 150-20-3 EPA 8260 Y Y Y Y		< ۲	7		
124-48-1 EPA 8260 N V Y 74-95-3 EPA 8260 N V Y Y 75-71-8 EPA 8260 N V Y Y 108-20-3 EPA 8260 Y V Y Y 108-20-3 EPA 8260 Y V Y Y 100-41-4 EPA 8260 Y V Y Y 155 637-92-3 EPA 8260 Y Y Y	N	>	<u>۲</u>	≻	
74-95-3 EPA 8260 N V Y 75-71-8 EPA 8260 N V Y Y 108-20-3 EPA 8260 Y V Y Y Y 100-41-4 EPA 8260 Y V Y Y Y Y BE) 637-92-3 EPA 8260 Y V Y Y Y	z	>	 ≻	~	
75-71-8 EPA 8260 N V Y V Y	z	>	7	\mathbf{F}	
108-20-3 EPA 8260 Y V Y 100-41-4 EPA 8260 Y V Y <tdy< td=""><td>z</td><td>></td><td></td><td>~</td><td></td></tdy<>	z	>		~	
100-41-4 EPA 8260 Y V Y 637-92-3 EPA 8260 Y V Y	>	>	<u> </u>	~	fuei oxygenate
637-92-3 EPA 8260 Y V Y	۲	>	7	≻	light aromatic naphtha
	X	۷	~	≻	fuel oxygenate
87-68-3	N	>	~	~	
Isoptrantial Benzene 96-28-8 EPA 8260 Y Y Y	۲	>	7	≻	light aromatic naphtha
Xvienes (total) 1330-20-7 EPA 8260 Y V Y Y	۲	>	 ≻	\mathbf{F}	paint
oride 75-09-2	۲	>	≻	≻	
ler (MTBE) 1634-04-4	N	۷	 ۲	\mathbf{F}	fuel oxygenate

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			0000	1000	9	DA CA	Anniicable SBCs other than analyte	notes
Analyte	CAS No.	Nethoa	1720	Clabo	3			a
Naphthalene	91-20-3	EPA 8260	7	>	۶	≻	light aromatic naphtha, PAHS	•
n Dithikanyaha	104-51-8	EPA 8260	Y	>	≻	۲	light aromatic naphtha	Ω
n-Drawihanzene	103-65-1	EPA 8260	۲	>	7	۲	light aromatic naphtha	ω
IPT 1009/06146415	99-87-6	EPA 8260	γ	>	۲	Y	light aromatic naphtha	ω
Prisopi opynologie	135-98-8	EPA 8260	≻	>	7	Y	light aromatic naphtha	∞
Sec-Darginet Active Chirene	100-42-5	EPA 8260	z	>	Y	٢		
tort Amid-mathul athar (TAMF)	<u>994-05-8</u>	EPA 8260	≻	>	Υ	۲	fuel oxygenate	
tert.Eutit stochol (TRA)	75-65-0	EPA 8260	7	>	۲	Y	fuel oxygenate	
tert. Bithihanzana	98-06-6	EPA 8260	z	7	۲	۲	light aromatic naphtha	∞
Tetrachloroethene	127-18-4	EPA 8260	۲	V	۲	≻		
Toluene	108-88-3	EPA 8260	۲	\ \	≻	≻	paint, light aromatic naphtha	∞
frans-1.2-Dichloroethene	156-60-5	EPA 8260	N	>	7	≻		
trans-1.3-Dichloroprobene	10061-02-6	EPA 8260	N	\ ۲	7	7		
Trichloroethene	79-01-6	EPA 8260	۲	~	۲	≻		
Trichlorofluoromethane	75-69-4	EPA 8260	N	\ ۲	۲	≻		
Vinvi Chloride	75-01-4	EPA 8260	N	٧	¥	۶		1
1.2-Dichlorobenzene	95-50-1	EPA 8270	Y	s	٢	z	orthodichlorobenzene	م ا
1.3-Dichlorobenzene	541-73-1	EPA 8270	۲	တ	Y	N	metadichlorobenzene	ۍ ا
1.4-Dichlorobenzene	106-46-7	EPA 8270	۲	s	Υ	z	paradichiorobenzene	ۍ ا
o A # Trichloronbend	95-95-4	EPA 8270	z	S	۲	z		-
2,7,00 1 101 km Optimier	88-06-2	EPA 8270	z	S	۲	N		
2,4,0-11011010011010	120-83-2	EPA 8270	z	S	≻	z		-
2,7 cloting optional	105-67-9	EPA 8270	z	ω	۲	N		-
2.7 Dinitronhenol	51-28-5	EPA 8270	N	S	~	z		,
2 4. Dinitrotoluene	121-14-2	EPA 8270	N	s	7	z		- ,
2.6-Dinitrotoluene	606-20-2	EPA 8270	Z	S	7	z		
2-Chloronaohthalene	91-58-7	EPA 8270	z	<i></i> о	۲	z		-
2-Chloronhenol	95-57-8	EPA 8270	Z	ß	>	z		-
2-Methylnaphthalene	91-57-6	EPA 8270 SIM	۲	ဟ	>	۲	PAHs	•
2-Methvlahenoi	95-48-7	EPA 8270	z	S	≻	z		-
2-Nitroanline	88-74-4	EPA 8270	N	S	>	z		
2-Nitrobend	88-75-5	EPA 8270	N	S	۶	z		
3.7.Dichlorobenzidine	91-94-1	EPA 8270	z	S	~	z		

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			0000			DACA	Anniicable SPCc other than analyte	notes
Analyte	CAS No.	Method	しつとつ	Class	3			Ţ.
3-Nitroaniline	<u>99-09-2</u>	EPA 8270	z	S	~	z		-Ţ,
A a. Dinitro. O. maithvinhenoi	534-52-1	EPA 8270	N	S	7	z		,
P. V. Dilliu V. Z. Titcuij/privite	101-55-3	EPA 8270	z	s	≻	z		-
4-Bromopnenyi-pnenyieurei	20403	EDA 8270	z	S	7	z		
4-Chloro-3-metnyipnenoi	4 00 47 B		z	S	>	z		-
4-Chloroanline	0-14-001		z	U)	>	Z		
4-Chlorophenyi-phenylether	~7/-enn/		:	u u	>	Z		ر
4-Methylphenol	106-44-5	EPA 82/0	z :	2	- >	2 2		-
4-Nitroaniline	100-01-6	EPA 8270	z	<i>"</i>	-	2 :		
4-Nitropheno	100-02-7	EPA 8270	z	ω	2	z		-
Acenaphthene	83-32-9	EPA 8270 SIM	7	S	7	~	PAHs	
Acenaphtiviene	208-96-8	EPA 8270 SIM	۲	رم ا	۶	≻	PAHs	
Anthracene	120-12-7	EPA 8270 SIM	۲	s	۲	≻	PAHs	
Renzo(a)anthracene	56-55-3	EPA 8270 SIM	7	s	7	۲	PAHs	
Benzo(a)tourene	50-32-8	EPA 8270 SIM	۶	S	γ	٢	PAHs	
Berzoch)fitionanthene	205-99-2	EPA 8270 SIM	×	ß	۲	۲	PAHs	
Donardica h i)nenviene	191-24-2	EPA 8270 SIM	≻	ω	λ	٢	PAHs	
Denzo(b/Rinnanthene	207-08-9	EPA 8270 SIM	≻	v	Y	¥	PAHs	
	65-85-0	EPA 8270	z	v	۲	z		-
	100-51-6	FPA 8270	z	S	≻	z		-
	111-01-1	EPA 8270	z	S	۶	z		
	54.28.1	FPA 8270	z	S	≻	z		-
BIS(Z-Chloroethyl)euter	108-60-1	EPA 8270	z	S	≻	Z		-
BIS(Z-GRIGOISOPIOPYI)ELITE	117-81-7	EPA 8270	> 	S	7	٢	paint	
Dis(Z-sulyinexy)/prinaras Distributer distributed	85-68-7	EPA 8270	۲	S	۲	≻	paint	,
	86-74-8	EPA 8270	z	S	۲	z		-
Valuazule Chrissene	218-01-9	EPA 8270	۲	s	۲	≻	PAHs	
Ditorate hisnitratene	53-70-3	EPA 8270 SIM	z	S	۶	≻	PAHs	
Dibertz(a,1)/anumacure	132-64-9	EPA 8270	Z	s	۲	≻	PAHs	
Districturai	84-66-2	EPA 8270	۲	<i></i> о	۶	۲	paint	
Dimuthulahthalafa	131-11-3	EPA 8270	۲	s	7	7	paint	
Di a bi dulati di dive	84-74-2	EPA 8270	٨	S	7	۲	paint	
Discontributhalate	117-84-0	EPA 8270	Y	S	>	>	paint	
Elinearthene	206-44-0	EPA 8270 SIM	۲	S	۲	≻	PAHs	

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************************************	Analytic	CAS No.	Method	SRC?	Class	ng	PA-SA	Applicable SRCs other than analyte	
Interaction Iteraction Itera	Huary to		EPA 8270 SIM	≻	S	7	٢	PAHs	
Image: constraint of the sector of the se	Lavachlorohenzene		EPA 8270 SIM	≻	s	┝≻	۲		
Interface 74474 EPA 8270 N	1 I Construction		EPA 8270	z	S	≻	z		-
image: Size of the sector N S Y N N 173-35-5 EPA 8270 SIM Y S Y N <td>Texacitoroputadrete</td> <td></td> <td>EPA 8270</td> <td>z</td> <td>S</td> <td>7</td> <td>N</td> <td></td> <td>-</td>	Texacitoroputadrete		EPA 8270	z	S	7	N		-
Image 133-33-5 EPA e2/0 SIM Y S Y Y AHs 7 79-39-1 EPA 62/0 SIM Y Y N <td></td> <td></td> <td>EPA 8270</td> <td>z</td> <td>S</td> <td>7</td> <td>N</td> <td></td> <td>-</td>			EPA 8270	z	S	7	N		-
matrix 76-59-1 EPA 6270 N S Y N	Interactioouentatie		EPA 8270 SIM	7	v	7	۲	PAHs	
miniliare pr.20-3 EPA 8270 SIM Y S Y P PHIs Proprimine 82-3-5 EPA 8270 N S Y N <t< td=""><td></td><td></td><td>EPA 8270</td><td>z</td><td>S</td><td>۲</td><td>z</td><td></td><td>-</td></t<>			EPA 8270	z	S	۲	z		-
Image: constraint of the second of	Nanhthaiene		EPA 8270 SIM	۲	S	≻	≻	PAHs	
odi-ty-propriamite E21-64-7 EPA 6270 N S Y N	Nitrobenzene		EPA 8270	γ	s	۲	≻		,
Interfact B V N S V N		621-64-7	EPA 8270	z	ω	7	z		
Interiment B7-66-5 EPA 82/T0 SIM N S Y N N P PAHs N <t< td=""><td>n-Nitrosodinhenvlamine</td><td>86-30-6</td><td>EPA 8270</td><td>z</td><td>ω</td><td>7</td><td>z</td><td></td><td></td></t<>	n-Nitrosodinhenvlamine	86-30-6	EPA 8270	z	ω	7	z		
Interest 65-01-8 EPA 82/TO SIM Y S Y P HIS Interest 108-552 EFA 82/TO N S Y Y P HIS Interest 110-661 EFA 82/TO Y S Y Y P HIS Interest 110-661 EFA 82/TO Y Y P P HIS Interest 20082-714 EFA 82/TO Y Y P P HIS Interest 20082-714 EFA 82/TO Y Y P	Pentachloronhenol	87-86-5	EPA 8270 SIM	z	ω	>	z		-
Image: New Sector N S Y N	Phenanthrene	85-01-8	EPA 8270 SIM	>	တ	>	۲	PAHs	+
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f Environmental Protection stilcides des/PCBs Area Investigation ompounds cals	D = Dioxins/Dibenzofurans		 Analyte eliminated or reduc 	sed in PA	-SA; see	attache	d Table :	3 - General Investigation Palalitetes Fliase A	
3 Division of Environmental Protection fhorus Pesticides the Pesticides/PCBs Pesticides/PCBs Source Area Investigation Source Area Investigation ed Chemicals ohols	F = Formaldehyde			A becaus	se not in {	SRC list			
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evada Division of Environmental Protection 6 aphosphorus Pesticides ochlorine Pesticides/PCBs 8 hase A Source Area Investigation 9 uclides uclides s Related Chemicals uel Alcohols	M = Metals			oer NDEF	o request	, old me	thod elin	ninated	
 Nevada Division of Environmental Protection ganophosphorus Pesticides janochlorine Pesticides/PCBs Phase A Source Area Investigation adionucildes mivolatile Organic Compounds Site Related Chemicals H/Fuel Alcohols 				A becaus	se appear	s under	another	method in list	
r~ co o	NDED = Nevada Division of Environmental Protec	ction		1, 2006 in	PA-SA F	Jer NDE	P reques	st	
ය ග ,	0 - Oranonhoenhorite Destinides		7 Analyte added March 11, 2	2006 in P,	A-SA per	NDEP	request		
σ	D = Organochlorine Pesticides/PCBs			anged Fe	ibruary 2(), 2008	because	additional documents Identified these chemicals	
R = Radionuclides S = Semivolatile Organic Compounds SRC = Site Related Chemicais T = TPH/Fuel Alcohols	PA-SA = Phase A Source Area Investigation		9 SRC and analyte status ac	ided Man	ch 11, 20	08;ad	ocument	t noted it was used in LOU 54	
S = Semivolatile Organic Compounds SRC = Site Related Chemicals T = TPH/Fuel Alcohols	R = Radionucilides								
SRC = Site Related Chemicais T = TPH/Fuel Alcohols	S = Semivolatile Organic Compounds								
T = TPH/Fuel Alcohols	SRC = Site Related Chemicals								
	T = TPH/Fuel Alcohols								

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Anstita	CASNO	Mathod	SRC2 Clace	Ł	DA.SA Anniirahla SPCe other than analyte	notes
	2000			- 4		2222
UG = Upgradient Investigation						
V = Volatile Organic Compounds						
W = Wet Chemistry						
Y = Yes						

Table 3 General Investigation Parameters Phase A Investigation

Tronox LLC, Henderson, Nevada

In addition to the specific Site Investigation issues associated with known areas of potential contamination, NDEP has requested a general screening of the site for other constituents. The Phase A analytical plan for the Tronox site will be governed by the following guidelines.

Constituent	Frequency of Analysis	Comments
vietais	Analyze all soil and groundwater samples for	No need to analyze for Si since sand
	standard metals suite including Hg.	background is very high.
Methyl mercury	Analyze soil and groundwater samples for methyl	Anaerobic conditions are necessary for the
•	mercury only if total Mercury is >5 ppm, and other	formation of methyl mercury.
	indicators such as DO warrant.	
/OCs	Analyze all soil and groundwater samples for	
	VOCs.	
SVOCs	Analyze all soil and groundwater samples for	
	SVOCs as follows (do not run constituents covered	
DCDo	in VOC analysis):	
	- Run for 26 SRCs.	
PCBs	Analyze all soil and groundwater samples for	
	PCBs.	Line to a fee De 000 and De 000 will
Radionuclides	Analyze 100% of soil and water samples with	Water analyses for Ra-226 and Ra-228 will
	gamma spec reporting for Ra ²²⁶ and Ra ²²⁸ .	be performed using the approved EPA
Perchlorate	Analyze 10% of samples with alpha spec reporting	methods 903.1 and 904.0, respectively
	for Th^{232} , Th^{230} , U^{238} , U^{235} , and U^{234} to	
	demonstrate secular equilibrium/calibration.	
	Analyze all soil and groundwater samples for	
Perchiorate	perchiorate.	
	Analyze all surficial soil samples (0.5 ft. bgs) and	
Pesticides	groundwater samples for OCP and OPP. Samples	
	from 10 feet will also be collected at SA-2, SA-4,	
	SA-16, SA-17, SA-18, SA-21, SA-22, and SA-23. If OCPs or OPPs are detected in the 0.5 foot	
	If OCPs or OPPs are detected in the 0.5 loot	
	sample, the 10 foot sample will be analyzed for the	
- 101 - 11-	detected constituents. Analyze all soil and groundwater samples for	
General Chemistry		
	general chemistry parameters Analyze all surficial soil samples (0.5 ft. bgs) using	Limit dioxin/furan soil analyses to surficial
Dioxins/Furans	a modified EPA 8290 screening method and	samples only. No groundwater analysis
	confirm with laboratory analysis for 10% of total	because of low solubility.
	samples using EPA method 8290. No groundwater	-
Etter Ohmel	analysis. Limit Ethylene Glycol analyses to areas historically	1
Ethylene Glycol	used for auto parts storage/maintenance.	
Ethylene Glycol	used for auto parts storage/maintenance.	
TOU	Limit TPH analyses to areas historically used for	TPH analyses will not be performed on
TPH	auto parts storage/maintenance.	water samples
Fuel Alcohols	Limit fuel alcohols analyses to areas historically	
Fuel Alcollois	used for auto parts storage/maintenance.	
Asbestos	Analyze all surficial soil samples (0.5 ft. bgs) for	
Aspesios	asbestos.	
VOCs = Volatile organ		
TPH = Total Petroleu		
SVOCs = Semi-volatile	e organic compounds.	
PCBs = Polychlorinate		
DO - Disselved aware		

DO = Dissolved oxygen.

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Tronox Response to March 24, 2008 NDEP Comments on the Updated Site Related Chemicals List, Tronox LLC dated March 12, 2008

NDEP Comment

- 1. Table 1, the following constituents are listed on Table 1 as a site related chemical (SRC) but not on Table 2. Please revise Table 2 for consistency.
 - a. Dibenz(a,h)anthracene
 - b. Methyl tert-butyl ether (MTBE)

TRX Response

1a There was a spelling difference of the chemical on Table 1 as opposed to Table 2. Although both spellings are correct, one was revised so that they match exactly.

1b Methyl tert butyl ether (MTBE) was already on both tables so no revision was made.

NDEP Comment

2. Table 2, "Applicable SRCs other than analyte" Column, the general listing for "fuel oxygenates" is listed in Table 2 but is not listed in Table 1. Please add Fuel Oxygenates to Table 1.

TRX Response

Fuel Oxygenates have been added to Table 1

NDEP Comment

- 3. Table 2, the following constituents are listed as a site related chemical in Table 2 but are not specifically listed or have a general listing (as shown in the "Applicable SRCs other than analyte column" in Table 2) in Table 1. Please revise Table 1 for consistency.
 - a. Nitrite
 - b. Metadichlorobenzene (1,3-Dichlorobenzene)

TRX Response

Nitrite and Metadichlorobenzene (1,3-Dichlorobenzene) have been added to Table 1 as requested.