Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844538														LDC#: 212	257A
								ſ	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
PB061608B	1109708	water	06/16/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
PC-40B	1110532	water	06/18/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
PC-40CDL	1110532DL	water	06/18/08			Х									
H-48B	1110981	water	06/19/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TRIP BLANK 06/19/08	1110982	water	06/19/08	Х											
MC-66BD	1111264	water	06/20/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-66BDRE	1111264RE	water	06/20/08		Х										
MC-65B	1111265	water	06/20/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-65BDL	1111265DL	water	06/20/08			Х									
MC-66B	1111266	water	06/20/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-66BRE	1111266RE	water	06/20/08		Х										
PC-37B	1111267	water	06/20/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TRIP BLANK 06/20/08 0935-1	1111268	water	06/20/08	Х											
TRIP BLANK 06/20/08 0935-2	1111269	water	06/20/08	Х											
PC-72B	1111763	water	06/23/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844538														LDC# : 212	257A
								F	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-94BX	1111764	water	06/23/08	Х	Х	х	Х	Х	Х	Х	Х	Х	х	Х	Х
M-94BXRE	1111764RE	water	06/23/08		Х										
MC-62B	1111765	water	06/23/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-62BDL	1111765DL	water	06/23/08	Х		Х									
TRIP BLANK 06/23/08 1200	1111767	water	06/23/08	Х											
TRIP BLANK 06/23/08 1335	1111768	water	06/23/08	Х											

SDG# : R2844650														LDC# : 212	257B
								F	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-44B	1112065	water	06/24/08	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	х	х
H-49AB	1112066	water	06/24/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
FB062408GWAREA1	1112067	water	06/24/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TRIP BLANK 06/24/08 1335-1	1112069	water	06/24/08	Х											

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844650														LDC#: 212	257B
								F	Parameters	/Analytical	Method		7	•	
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
TRIP BLANK 06/24/08 1335-2	1112070	water	06/24/08	Х											
MC-45B	1112486	water	06/25/08	Х	Х	Х	Х	Х	Х	Х	х	Х	х	Х	Х
MC-45BDL	1112486DL	water	06/25/08			Х									
MC-53B	1112487	water	06/25/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-53BDL	1112487DL	water	06/25/08			Х									
M-23B	1112488	water	06/25/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-23BRE	1112488RE	water	06/25/08		Х										
MC-97B	1112489	water	06/25/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-97BDL	1112489DL	water	06/25/08			Х									
TRIP BLANK 06/25/08	1112490	water	06/25/08	Х											
TRIP BLANK 06/25/08 1400	1112491	water	06/25/08	Х											
MC-94B	1112809	water	06/25/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
MC-94BDL	1112809DL	water	06/25/08			Х									
MC-94BRE	1112809RE	water	06/25/08		Х										
MW-16B	1112810	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844650								ſ	Parameters	/Analytical	Method			LDC# : 212	257B
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
MW-16BDL	1112810DL	water	06/26/08	Х		Х									
M-5AB	1112811	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-5ABDL	1112811DL	water	06/26/08			Х									
EB062608GW3	1112812	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х
TRIP BLANK 06/25/08	1112813	water	06/25/08	Х											
M-61B	1112871	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х
M-61BDL	1112871DL	water	06/26/08	Х											
M-88BB	1112872	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х
M-88BBDL	1112872DL	water	06/26/08	Х											
M-7BB	1112874	water	06/26/08	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х
TRIP BLANK 06/26/08 1400-1	1112876	water	06/26/08	Х											
TRIP BLANK 06/26/08 1400-2	1112877	water	06/26/08	Х											
M-67B	1113426	water	06/27/08	Х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х
M-67BDL	1113426DL	water	06/27/08	Х											
M-6AB	1113427	water	06/27/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

Notes:

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation) X = Validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Data Validation Summary Report Phase B Investigation Groundwater Tronox LLC, Henderson, Nevada

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844650														LDC# : 212	257B
								ı	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-57AB	1113428	water	06/27/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-57ABRE	1113428RE	water	06/27/08		Х										
M-95B	1113429	water	06/27/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-95BDL	1113429DL	water	06/27/08	Х											
M-68B	1113430	water	06/27/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-68BDL	1113430DL	water	06/27/08	Х											
TRIP BLANK 06/27/08 1400-1	1113431	water	06/27/08	Х											
TB062708GW3	1113432	water	06/27/08	Х											
TRIP BLANK 06/27/08 1400-2	1113433	water	06/27/08	Х											

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844768														LDC# : 212	257D
								F	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-79B	1113695	water	06/29/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-126B	1113696	water	06/29/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-126BDL	1113696DL	water	06/29/08			Х									
M-84B	1113697	water	06/29/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-14ADBF	1113698	water	06/30/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-14ABF	1113699	water	06/30/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TB062908GW4	1113700	water	06/29/08	Х											
TB062908GW1	1113701	water	06/29/08	Х											
TB062803	1113705	water	06/29/08	Х											
TB063008GW3	1113707	water	06/30/08	Х											

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844803														LDC# : 212	257F
									Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-55B	1114419	water	07/01/08	Х	х	Х	Х	Х	Х	Х	х	Х	х	х	X
M-55DB	1114420	water	07/01/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-78B	1114421	water	07/01/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-78BDL	1114421DL	water	07/01/08	Х											
TB070108GW2	1114422	water	07/01/08	Х											
M65B	1114756	water	07/02/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M65BDL	1114756DL	water	07/02/08			Х									
EB070208GW1	1114758	water	07/02/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TB070208GW1	1114759	water	07/02/08	Х											

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: R2844866														LDC#: 212	257H
	_		•		·			l	Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
M-39B	1115782	water	07/08/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-39BDL	1115782DL	water	07/08/08	Х											
TR-2B	1115783	water	07/08/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-69B	1115784	water	07/08/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-69BRE	1115784RE	water	07/08/08		Х										
I-BB	1115785	water	07/08/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х
I-BBRE	1115785RE	water	07/08/08		Х										
TB070808GW2	1115791	water	07/08/08	Х											
M-96BF	1116367	water	07/09/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-48B	1116370	water	07/09/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TR-4B	1116373	water	07/09/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х
TB070908GW2	1116375	water	07/09/08	Х											
TB070908-W1	1116377	water	07/09/08	Х											
CLD3-RB	1116921	water	07/10/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R2844866														LDC# : 212	257H
									Parameters	/Analytical	Method				
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Alk. (2320B)	NH3-N (350.1M)	Br CI,SO4 (9056)	NO3-N NO2-N (9056)	Cond. (120.1)	CN- (9012)	pH MBAS Cr(VI)	T. Phos. (365.1)	TOC TDS TSS
CLD3-RBDL	1116921DL	water	07/10/08	Х											
CLD1-RB	1116922	water	07/10/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
CLD1-RBDL	1116922DL	water	07/10/08	Х											
TB071008-W1	1116925	water	07/10/08	Х											
TB071008GW2	1116926	water	07/10/08	Х											
M-124B	1117196	water	07/11/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
M-124BDL	1117196DL	water	07/11/08	Х											
M-123B	1117197	water	07/11/08	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
TB071108-W1	1117198	water	07/11/08	Х											

Notes.

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : K0805394												LDC# : 212	257W
								 Parameters	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Diss. Metals (SW846)	Clorate (300.1)	CLO4 (314.0)						
PB061608B	K0805394-001	water	06/16/08	Х		Х	Х						
PC-40B	K0805394-002	water	06/18/08	Х		Х	Х						
H-48B	K0805394-003	water	06/19/08	Х		Х	Х						
MC-66B	K0805394-004	water	06/20/08	Х		Х	Х						
MC-66BD	K0805394-005	water	06/20/08	Х		Х	Х						
MC-65B	K0805394-006	water	06/20/08	Х		Х	Х						
PC-37B	K0805394-007	water	06/20/08	Х		Х	Х						
M-44B	K0805394-011	water	06/24/08	Х		Х	Х						
M-94BX	K0805394-013	water	06/23/08	Х		Х	Х						
MC-62B	K0805394-014	water	06/23/08	Х		Х	Х						
PC-72B	K0805394-015	water	06/23/08	Х		Х	Х						
H-48BF	K0805394-016	water	06/19/08		Х								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : K0805722												LDC# : 21	257X
								Parameters	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Diss. Metals (SW846)	Clorate (300.1)	CLO4 (314.0)						
H-49AB	K0805722-001	water	06/24/08	Х		х	Х						
FB062408GWarea1	K0805722-002	water	06/24/08	Х		Х	Х						
M-23B	K0805722-003	water	06/25/08	Х		Х	Х						
MC-53B	K0805722-004	water	06/25/08	Х		Х	Х						
MC-97B	K0805722-005	water	06/25/08	Х		Х	Х						
MC-45B	K0805722-006	water	06/25/08	Х		Х	Х						
M-7BB	K0805722-007	water	06/26/08	Х		Х	Х						
M-88BB	K0805722-008	water	06/25/08	Х		Х	Х						
M-61B	K0805722-009	water	06/26/08	Х		Х	Х						
MC-94B	K0805722-010	water	06/25/08	Х		Х	Х						
MC-94BF	K0805722-011	water	06/25/08		Х								
M-5AB	K0805722-012	water	06/26/08	Х			Х						
MW-16B	K0805722-013	water	06/26/08	Х		Х	Х						
EB062608GW3	K0805722-014	water	06/26/08	Х		Х	Х						
M-6AB	K0805722-015	water	06/27/08	Х		Х	Х						

Notes:

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation) X = Validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Data Validation Summary Report Phase B Investigation Groundwater Tronox LLC, Henderson, Nevada

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : K0805722								D	. (0	I B A o Alono al		LDC# : 21	257X
Comple ID	l ab ID	Matuke	Date	Metals	Diss. Metals	Clorate	CLO4	Parameter	s/Analytica	Method			
Sample ID M-67B	Lab ID K0805722-016		06/27/08	(SW846)	(SW846)		(314.0) X						
		water				^							
M-68B	K0805722-017	water	06/27/08	Х		Х	Х						
M-95B	K0805722-018	water	06/27/08	Х		Х	Х						
M-57AB	K0805722-019	water	06/27/08	Х		Х	Х						

SDG# : K0805919												LDC#: 21	257Z
								 Parameter	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Diss. Metals (SW846)	Clorate (300.1)	CLO4 (314.0)						
M-79B	K0805919-001	water	06/29/08	Х		х	Х						
M-84B	K0805919-002	water	06/29/08	Х		Х	Х						
M-126B	K0805919-003	water	06/29/08	Х		Х	Х						
M-14ABF	K0805919-004	water	06/30/08		Х	Х	Х						
M-14ADBF	K0805919-005	water	06/30/08		Х	Х	Х						

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : K0806119												LDC# : 21	258B
								Parameter	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Clorate (300.1)	CLO4 (314.0)							
M-78B	K0806119-001	water	07/01/08	Х	х	Х							
M-55B	K0806119-002	water	07/01/08	Х	Х	Х							
M-55DB	K0806119-003	water	07/01/08	Х	Х	Х							
EB070208GW1	K0806119-004	water	07/02/08	Х	Х	Х							
M-65B	K0806119-005	water	07/02/08	Х	Х	Х							

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : K0806221												LDC# : 21	258D
								Parameters	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Metals (SW846)	Chlorate (300.1)	CLO4 (314.0)							
M-39B	K0806221-001	water	07/08/08	Х	Х	Х							
TR-2B	K0806221-002	water	07/08/08	Х	Х	Х							
M-69B	K0806221-003	water	07/08/08	Х	Х	Х							
I-BB	K0806221-004	water	07/08/08	Х	Х	Х							
M-96BF	K0806221-005	water	07/09/08	Х	Х	Х							
TR-4B	K0806221-006	water	07/09/08	Х	Х	Х							
M-48B	K0806221-007	water	07/09/08	Х	Х	Х							
CLD3-RB	K0806221-008	water	07/10/08	Х	Х	Х							
CLD1-RB	K0806221-009	water	07/10/08	Х	Х	Х							
M-123B	K0806221-010	water	07/11/08	Х	Х	Х							
M-124B	K0806221-011	water	07/11/08	Х	Х	Х					_		

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 210521												LDC# : 21	258J
								Parameters	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	lso. Thorium (HASL)	lso. U (HASL)						
PB061608B	210521001	water	06/16/08	Х	Х	Х	Х						
PC-40B	210521002	water	06/18/08	Х	Х	Х	Х						
H-48B	210521003	water	06/19/08	Х	Х	Х	Х						
H-48BF	210521004	water	06/19/08	Х	Х	Х	Х						
MC-66B	210521007	water	06/20/08	Х	Х	Х	Х						
PC-37B	210521008	water	06/20/08	Х	Х	Х	Х						
MC-65B	210521009	water	06/20/08	Х	Х	Х	Х						
MC-66BD	210521010	water	06/20/08	Х	Х	Х	Х						
MC-62B	210521011	water	06/23/08	Х	Х	Х	Х						
PC-72B	210521012	water	06/23/08	Х	Х	Х	Х						
M-94B	210521013	water	06/23/08	Х	Х	Х	Х						
H-49AB	210521014	water	06/19/08	Х	Х	Х	Х						
FB062408GWarea1	210521015	water	06/19/08	Х	Х	Х	Х						
M-44B	210521016	water	06/24/08	Х	Х	Х	Х						

Notes:

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation) X = Validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Data Validation Summary Report Phase B Investigation Groundwater Tronox LLC, Henderson, Nevada

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 210521								Doromotor	o/Anglytica	l Mathad		LDC#: 21	258J
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)		Parameters	s/Anaiytica	Method			
MC-97B	210521018	water	06/25/08	Х	Х	Х	Х						
MC-45B	210521019	water	06/25/08	Х	Х	Х	Х						
M-23B	210521020	water	06/25/08	Х	Х	Х	Х						
MC-53B	210521021	water	06/25/08	Х	Х	Х	Х						
M-7BB	210521022	water	06/26/08	Х	Х	Х	Х						
EB062608GW3	210521023	water	06/26/08	Х	Х	Х	Х						

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 211143												LDC# : 21	258L
								 Parameters	s/Analytica	Method		 	
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	lso. Thorium (HASL)	lso. U (HASL)						
MC-94B	211143001	water	06/25/08	Х	Х	Х	Х						
MC-94BF	211143002	water	06/25/08	Х	Х	Х	Х						
MW-16B	211143003	water	06/26/08	Х	Х	Х	Х						
M-5AB	211143004	water	06/26/08	Х	Х	Х	Х						
M-6AB	211143005	water	06/27/08	Х	Х	Х	Х						
M-95B	211143006	water	06/27/08	Х	Х	Х	Х						
M-57AB	211143007	water	06/27/08	Х	Х	Х	Х						
M-67B	211143008	water	06/27/08	Х	Х	Х	Х						
M-68B	211143009	water	06/27/08	Х	Х	Х	Х						
M-88BB	211143010	water	06/26/08	Х	Х	Х	Х						
M-61B	211143011	water	06/26/08	Х	Х	Х	Х						
M-14ABF	211143012	water	06/30/08	Х	Х	Х	Х						
M-14ADBF	211143013	water	06/30/08	Х	Х	Х	Х				_		
M-126B	211143014	water	06/29/08	Х	Х	Х	Х			_	_		_

Notes:

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation) X = Validation was performed, S = Screening only, DL = Dilution, RE = Reanalysis/Reextraction

Data Validation Summary Report Phase B Investigation Groundwater Tronox LLC, Henderson, Nevada

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 211143												LDC# : 21	258L
								Parameter	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)							
M-79B	211143015	water	06/29/08	Х	Х	Х	Х						
M-84B	211143016	water	06/29/08	Х	Х	Х	Х						
M-78B	211143017	water	07/01/08	Х	Х	Х	Х						
M-55B	211143018	water	07/01/08	Х	Х	Х	Х						
M-55DB	211143019	water	07/01/08	Х	Х	Х	Х						
EB070208GW1	211143020	water	07/02/08	Х	Х	Х	Х						

SDG#: 211468								Parameter	s/Analytica	I Method		LDC# : 21	258N
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)		T arameter	37Ariary tica	Metriod			
M-65B	211468001	water	07/02/08	Х	Х	Х	Х						
M-39B	211468002	water	07/08/08	Х	Х	Х	Х						
TR-2B	211468003	water	07/08/08	Х	Х	Х	Х						
TR-4B	211468004	water	07/09/08	Х	Х	Х	Х						

Notes:

Area I Sample Delivery Groups and LDC Validation Reports(Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 211468												LDC# : 21	258N
								Parameter	s/Analytica	l Method			
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)							
M-48B	211468005	water	07/09/08	Х	Х	Х	Х						
M-96BF	211468006	water	07/09/08	Х	X	Х	Х						
M-69B	211468007	water	07/08/08	Х	Х	Х	Х						
I-BB	211468008	water	07/08/08	Х	Х	Х	Х						
CLD1-RB	211468009	water	07/10/08	Х	Х	Х	Х						
CLD3-RB	211468010	water	07/10/08	Х	Х	Х	Х						
M-123B	211468011	water	07/11/08	Х	Х	Х	Х						
M-124B	211468012	water	07/11/08	Х	Х	Х	Х						

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: TRX09060140											LDC#:	21423B
				Р	arameters	'Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids								
M-127B	09060140-01	water	05/28/09	Х								

SDG#: TRX09060141											LDC#:	21423C
				Р	arameters	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
Sample ID	Lab ib	Watiix	Conected	(III LC)								
MC-45B	09060141-01	water	05/29/09	X								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : TRX09060256											LDC#:	21423E
				Р	arameters	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
PC-40B	09060256-01	water	06/01/09	Х								
PC-4009B	09060256-02	water	06/01/09	Х								

SDG#: TRX09060456											LDC#:	21423F
				Р	arameters/	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
M-7BB	09060456-01	water	06/03/09	Х								

Notes

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: TRX09060567											LDC#:	214231
				Р	arameters	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
M-5AB	09060567-01	water	06/04/09	Х								
FB060409	09060567-02	water	06/04/09	Х								

SDG#: TRX09060840														LDC#:	21423J
				Р	arameters	/Analytical	Method								
Sample ID Lab ID Matrix Collected Organic Acids (HPLC)															
M-23B	09060840-01	water	06/05/09	Х											
M-23009B	09060840-02	water	06/05/09	Х											

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : TRX09061951											LDC#:	21423L
				Р	arameters	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
M-44B	09061951-01	water	06/08/09	Х								
M-6AB	09061951-02	water	06/10/09	Х								
M-142B	09061951-04	water	06/12/09	Х								
M-39B	09061951-05	water	06/16/09	Х								
M-123B	09061951-06	water	06/17/09	Х								_
M-123009B	09061951-07	water	06/17/09	Х								

SDG# : TRX09071051											LDC#:	21423N
				Р	arameters/	/Analytical	Method					
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)								
M-125B	09071051-02	water	06/23/09	Х								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 230340												LDC#:	21424A
			I	P	arameters.	/Analytical	Method	Ī	I	Ī			
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)	Iso. U (HASL)						
MC-3B-Filt	230340001	water	05/21/09	Х	Х	Х	Х						
MC-3B	230340002	water	05/27/09	Х	Х	Х	Х						
EB052709	230340003	water	05/27/09	Х	Х	Х	Х						
M-127B	230340004	water	05/28/09	Х	Х	Х	Х						
M-127B Filtered	230340006	water	05/28/09	Х	Х	Х	Х						
FB060409	230340007	water	06/04/09	Х	Х	Х	Х						
H-28AB	230340008	water	06/09/09	Х	Х	Х	Х						
AA-BW-02B	230340009	water	06/10/09	Х	Х	Х	Х						
M-142B	230340011	water	06/12/09	Х	Х	Х	Х						
M-142B DISS	230340012	water	06/12/09	Х	Х	Х	Х						
M-130B	230340013	water	06/15/09	Х	Х	Х	Х						
M-130B DISS	230340014	water	06/15/09	Х	Х	Х	Х				_		
M-78B	230340016	water	06/17/09	Х	Х	Х	Х						
M-128B	230340017	water	06/18/09	Х	Х	Х	Х						

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 230340														LDC#:	21424A
				Р	arameters	/Analytical	Method								
Sample ID Lab ID Matrix Date Collected (903.1) Ra-226 Ra-228 Thorium (HASL) (904.0) Iso. Iso. U (HASL)															
M-128B DISS	230340018	water	06/18/09	Х	Х	Х	Х								
H-38B	230340019	water	06/18/09	Х	Х	Х	Х								
M-125B	230340020	water	06/23/09	Х	Х	Х	Х								

SDG# : 232135											LDC#:	21424E
				Р	arameters	/Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	Ra-226 (903.1)	Ra-228 (904.0)	Iso. Thorium (HASL)	Iso. U (HASL)					
M-125B DISS	232135004	water	06/23/09	Х	Х	Х	Х					

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 8304601				P	arameters/	Analvtical I	Method				LDC#:	21494A
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest.		,						
EB052709	D9E290339-001	water	05/27/09	Х								
MC-45B	D9E300207-001	water	05/29/09	Х								
M-127B	D9E300207-002	water	05/28/09	Х								

SDG# : 8304603											LDC#:	21494C
				Pa	arameters/	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)								
M-7BB	D9F040280-001	water	06/03/09	Х								
M-5AB	D9F050375-001	water	06/04/09	Х								
FB060309	D9F050375-002	water	06/04/09	Х								
M-23B	D9F060146-001	water	06/05/09	Х								
M-23009B	D9F060146-002	water	06/05/09	Х								
PC-40B	D9F080167-001	water	06/01/09	Х								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 8304603				P	arameters/	Analytical I	Method				LDC#:	21494C
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest.		,						
PC-40BRE	D9F080167-001RE	water	06/01/09	Х								
PC-4009B	D9F080167-002	water	06/01/09	Х								
PC-4009BRE	D9F080167-002RE	water	06/01/09	Х								

SDG#: 8304604								 	 	 	LDC#:	21494D
				P	arameters/	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	OPHS Pest. (8141A)								
M-44B	D9F090185-001	water	06/08/09	Х								
M-44BRE	D9F090185-001RE	water	06/08/09	Х								
M-6AB	D9F110370-001	water	06/10/09	Х								
M-6ABRE	D9F110370-001RE	water	06/10/09	Х								
M-142B	D9F130143-001	water	06/12/09	Х								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : 8304607											LDC#:	21494G
				Р	arameters/	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	As,Se (6020)	OPHS Pest. (8141A)							
M-39B	D9F180266-002	water	06/16/09		Х							
M-130B	D9F180314-001	water	06/15/09	Х								
M-130BDISS	D9F180314-002	water	06/15/09	Х								
M-78B	D9F190216-001	water	06/17/09	Х								
M-123B	D9F190216-002	water	06/17/09		Х							
M-123009B	D9F190216-003	water	06/17/09		Х							
M-128B	D9F200196-001	water	06/18/09	Х								
M-128BDISS	D9F200196-002	water	06/18/09	Х								
H-38B	D9F200196-003	water	06/18/09	Х			_					

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 8304608				P	arameters/	Analytical I	Method				LDC#:	21494H
Sample ID	Lab ID	Matrix	Date Collected	As,Se	OPHS Pest.		would					
M-125B	D9F250221-001	water	06/23/09		Х							
M-125BDISS	D9F250221-002	water	06/23/09	Х								

SDG#: R0902886											LDC#:	21495A
				Pa	arameters/.	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	Diss. Metals (SW846)	Diss. Cr(VI) (218.6)							
MC-3B-FILT	R0902886-001	water	05/21/09	Х	Х							

Notes

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R0903006												LDC#:	21495B
				P	arameters/	Analytical N	Method						
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	PCBs (8082)	PCB Cong (1668A)	Metals (SW846)				
MC-3B	R0903006-001	water	05/27/09	Х	Х	Х			Х				
MC-3BRE	R0903006-001RE	water	05/27/09		Х								
EB052709	R0903006-002	water	05/27/09	Х	Х	Х	Х	Х	Х				
EB052709RE	R0903006-002RE	water	05/27/09		Х								
TB052709-GW1	R0903006-003	water	05/27/09	Х									
M-127B	R0903006-004	water	05/28/09	Х	Х	Х	Х	Х	Х				
M-127BDL	R0903006-004DL	water	05/28/09	Х									
M-127BRE	R0903006-004RE	water	05/28/09		Х								
TB052809-GW1	R0903006-007	water	05/28/09	Х									
M-127BDISS	R0903006-008	water	05/28/09						Х				
FB060409	R0903051-023	water	06/04/09	Х	Х	Х	Х	Х	Х				
TB060409-SO1	R0903051-024	water	06/04/09	Х									

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R0903006														LDC#:	21495B
				Pa	arameters/	Analytical I	Method								
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N NO2-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Diss. Cr(VI) (218.6)	pH (9040B)	Phos- phorus (365.1)	CLO4 (314.0)	
MC-3B	R0903006-001	water	05/27/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
EB052709	R0903006-002	water	05/27/09	Х	Х	Х	Х		Х	Х	Х	Х	Х	Х	
M-127B	R0903006-004	water	05/28/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
FB060409	R0903051-023	water	06/04/09	Х	Х	Х	Х		Х	Х	Х	Х	Х	Х	

SDG# : R0903006											LDC#:	21495B
				P	arameters/	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	TDS (2540C)	MBAS (5540C)	TOC (9060)	Chlo- rate (300.1)				
MC-3B	R0903006-001	water	05/27/09	Х		Х	Х	Х				
EB052709	R0903006-002	water	05/27/09	Х	Х	Х	Х	Х				
M-127B	R0903006-004	water	05/28/09	Х		Х	Х	Х				
FB060409	R0903051-023	water	06/04/09	Х	Х	Х	Х	Х				

Notes.

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R0903243											LDC#:	21495D
				P	arameters/	Analytical I	Method					
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)					
H-28AB	R0903243-001	water	06/09/09	Х	Х	Х	Х					
TB060909-GW1	R0903243-002	water	06/09/09	Х								
AW-BW-02B	R0903243-003	water	06/10/09	Х	Х	Х	Х					
TB061009-GW1	R0903243-004	water	06/10/09	Х								
M-142B	R0903243-005	water	06/12/09	Х	Х	Х	Х					
TB061209-GW1	R0903243-006	water	06/12/09	Х								
M-142BDISS	R0903243-007	water	06/12/09				Х					
M-130B	R0903243-008	water	06/15/09	Х	Х	Х	Х					
M-130BDL	R0903243-008DL	water	06/15/09	Х								
M-130BDISS	R0903243-009	water	06/15/09				Х					
TB061509-GW	R0903243-010	water	06/15/09	Х								

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R0903243														LDC#:	21495D
				Pa	arameters/	Analytical I	Method								
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6)	pH (9040B)	Phos- phorus (365.1)	CLO4 (314.0)	
H-28AB	R0903243-001	water	06/09/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
AW-BW-02B	R0903243-003	water	06/10/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х	
M-142B	R0903243-005	water	06/12/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
M-130B	R0903243-008	water	06/15/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	

SDG# : R0903243											LDC#:	21495D
				Pa	arameters/	Analytical I	Method		 			
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	MBAS (5540C)	TOC (9060)	Chlo- rate (300.1)					
H-28AB	R0903243-001	water	06/09/09	Х	Х	Х	Х					
AW-BW-02B	R0903243-003	water	06/10/09	Х	Х	Х	Х					
M-142B	R0903243-005	water	06/12/09	Х	Х	Х	Х					
M-130B	R0903243-008	water	06/15/09	Х	Х	Х	Х					

Notes:

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG# : R0903404											LDC#:	21495E
				Pa	arameters/	Analytical I	Method		_			
Sample ID	Lab ID	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest. (8081A)	Metals (SW846)					
M-128B	R0903404-003	water	06/18/09	Х	Х	Х	Х					
M-128BDISS	R0903404-004	water	06/18/09				Х					
TB061809-GW1	R0903404-005	water	06/18/09	Х								
H-38B	R0903404-006	water	06/18/09	Х	Х	Х	Х					

SDG#: R0903404														LDC#:	21495E
				Pa	arameters/	Analytical I	Method								
Sample ID	Lab ID	Matrix	Date Collected	Alk. (2320B)	NH3-N (350.1)	Br,Cl SO4 (9056)	NO3-N (9056)	NO2-N (353.2)	CN- (9012A)	Cond. (120.1)	Cr(VI) (218.6)	pH (9040B)		CLO4 (314.0)	
M-128B	R0903404-003	water	06/18/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	
H-38B	R0903404-006	water	06/18/09	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	

Notes.

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: R0903404 LDC#: 21495E Parameters/Analytical Method														21495E	
Sample ID	Lab ID	Matrix	Date Collected	TSS (2540D)	MBAS (5540C)	TOC (9060)	Chlo- rate (300.1)								
M-128B	R0903404-003	water	06/18/09	Х	Х	Х	Х								
H-38B	R0903404-006	water	06/18/09	Х	Х	Х	Х								

SDG#: TRX09100150													LDC#:	21844A
Parameters/Analytical Method														
Sample ID	Lab ID	Matrix	Date Collected	Organic Acids (HPLC)										
TR-2B	09100150-02	water	09/30/09	Х										

Notes

Area I Sample Delivery Groups and LDC Validation Reports (Blank Columns Indicate No Other Test Methods Were Requested For A Given LDC Report)

SDG#: 8304634 LDC#: 21937														21937D	
Parameters/Analytical Method															
Sample ID	Lab ID	Matrix	Date Collected	As,Se (6020)	OPHS Pest. (8141A)										
TR-4B	D9J010204-001	water	09/30/09		Х										
TR-2B	D9J010210-001	water	09/30/09		Х										

Notes: