LABID	CLIENTID	PROJECTID	DEPTNAME	COLLECTDATE	RECEIVEDATE	ANALYTE	MATRIX
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT

METHOD	RESULT	TEXTRESULT	QUAL	UNITS	MDL	PQL	ANALYZEDATE	ANALYST	CAS
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	290	290		pCi/Filter	29	20	8/6/2009	mwm	
M903.1	0.55	0.55		pCi/Filter	1.9	0.56	7/29/2009	mwm	
ESM 4506	-0.21	-0.21		pCi/Filter	2	0.83	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	400	400		pCi/Filter	11	13	8/6/2009	mwm	
M903.1	0.26	0.26		pCi/Filter	2.3	0.85	7/29/2009	mwm	
ESM 4506	0.18	0.18		pCi/Filter	2.1	1.1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	18	15	8/6/2009	mwm	
M903.1	1	1		pCi/Filter	2.2	0.77	7/29/2009	mwm	
ESM 4506	-0.22	-0.22		pCi/Filter	2	1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	21	17	8/6/2009	mwm	
M903.1	1.1	1.1		pCi/Filter	2.1	0.76	7/29/2009	mwm	
ESM 4506	0.54	0.54		pCi/Filter	2.2	1.1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	16	15	8/6/2009	mwm	
M903.1	0.62	0.62		pCi/Filter	2.1	0.68	7/29/2009	mwm	
ESM 4506	-0.17	-0.17		pCi/Filter	2.1	1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.007	0.03	7/29/2009	erf	7440-61-1
Eichrom	0	0.0		pCi/Filter	170	71	8/6/2009	mwm	
M903.1	1.5	1.5		pCi/Filter	9.8	2.2	7/29/2009	mwm	
ESM 4506	10	10		pCi/Filter	16	8.4	7/27/2009	mtb	

1-1-B1-A3	L76826-01	AQ	N	Field		L76826	4/1/2009	0:00	1-1-B1-A3	7/8/2009	20092	N	0:00
2-1-B1-A3	L76826-02	AQ	N	Field		L76826	4/1/2009	0:00	2-1-B1-A3	7/8/2009	20092	N	0:00
3-1-B1-A3	L76826-03	AQ	N	Field		L76826	4/1/2009	0:00	3-1-B1-A3	7/8/2009	20092	N	0:00
4-1-B1-A3	L76826-04	AQ	N	Field		L76826	4/1/2009	0:00	4-1-B1-A3	7/8/2009	20092	N	0:00
5-1-B1-A3	L76826-05	AQ	N	Field		L76826	4/1/2009	0:00	5-1-B1-A3	7/8/2009	20092	N	0:00
L76826-01DUP		AQ	LR	Lab	1-1-B1-A3	L76826	4/1/2009					N	
L76826-02DUP		AQ	LR	Lab	2-1-B1-A3	L76826	4/1/2009					N	
L76826-02MS		AQ	MS	Lab	2-1-B1-A3	L76826	4/1/2009					N	
L76826-05SDL		AQ	SDL	Lab	5-1-B1-A3	L76826	4/1/2009					N	
TRIP BLANK	L76826-06	AQ	N	Field		L76826	4/1/2009	0:00	TRIP BLANK	7/8/2009	20092	N	0:00
WG267308PBS1		SQ	LB	Lab		L76826	7/22/2009					N	
WG267308PBS2		SQ	LB	Lab		L76826	7/22/2009					N	
WG267460LCSS		SQ	RM	Lab		L76826	7/23/2009					N	
WG267460PBS		SQ	LB	Lab		L76826	7/23/2009					N	
WG267498LCSS		SQ	RM	Lab		L76826	7/24/2009					N	
WG267498PBS		SQ	LB	Lab		L76826	7/24/2009					N	
WG267723CCB1		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCB2		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCB3		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCV1		W	CCV	Lab		L76826	7/28/2009					N	
WG267723CCV2		W	CCV	Lab		L76826	7/28/2009					N	
WG267723CCV3		W	CCV	Lab		L76826	7/28/2009					N	
WG267723ICB		W	ICB	Lab		L76826	7/28/2009					N	
WG267723ICSA		W	IFC	Lab		L76826	7/28/2009					N	
WG267723ICSAB		W	IFC	Lab		L76826	7/28/2009					N	
WG267723ICV		W	ICV	Lab		L76826	7/28/2009					N	
WG267763LCSW		W	RM	Lab		L76826	7/29/2009					N	
WG267763PBW		W	LB	Lab		L76826	7/29/2009					N	

1-1-B1-A3	Eichrom	8/6/2009	10:12	N	NA	Initial	Analysis	WG268233
1-1-B1-A3	ESM 4506	7/27/2009	8:30	N	NA	Initial	Analysis	WG267899
1-1-B1-A3	M903.1	7/29/2009	6:24	N	NA	Initial	Analysis	WG267898
1-1-B1-A3	SW6020	7/29/2009	9:28	T	NA	Initial	Analysis	WG267723
2-1-B1-A3	Eichrom	8/6/2009	10:14	N	NA	Initial	Analysis	WG268233
2-1-B1-A3	ESM 4506	7/27/2009	8:32	N	NA	Initial	Analysis	WG267899
2-1-B1-A3	M903.1	7/29/2009	6:26	N	NA	Initial	Analysis	WG267898
2-1-B1-A3	SW6020	7/29/2009	9:36	T	NA	Initial	Analysis	WG267723
3-1-B1-A3	Eichrom	8/6/2009	10:15	N	NA	Initial	Analysis	WG268233
3-1-B1-A3	ESM 4506	7/27/2009	8:33	N	NA	Initial	Analysis	WG267899
3-1-B1-A3	M903.1	7/29/2009	6:27	N	NA	Initial	Analysis	WG267898
3-1-B1-A3	SW6020	7/29/2009	9:43	T	NA	Initial	Analysis	WG267723
4-1-B1-A3	Eichrom	8/6/2009	10:17	N	NA	Initial	Analysis	WG268233
4-1-B1-A3	ESM 4506	7/27/2009	8:35	N	NA	Initial	Analysis	WG267899
4-1-B1-A3	M903.1	7/29/2009	6:29	N	NA	Initial	Analysis	WG267898
4-1-B1-A3	SW6020	7/29/2009	9:54	T	NA	Initial	Analysis	WG267723
5-1-B1-A3	Eichrom	8/6/2009	10:18	N	NA	Initial	Analysis	WG268233
5-1-B1-A3	ESM 4506	7/27/2009	8:36	N	NA	Initial	Analysis	WG267899
5-1-B1-A3	M903.1	7/29/2009	6:30	N	NA	Initial	Analysis	WG267898
5-1-B1-A3	SW6020	7/29/2009	9:58	T	NA	Initial	Analysis	WG267723
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	Analysis	WG268233
L76826-01DUP	ESM 4506	7/27/2009	8:39	N	NA	Initial	Analysis	WG267899
L76826-01DUP	M903.1	7/29/2009	6:33	N	NA	Initial	Analysis	WG267898
L76826-01DUP	SW6020	7/29/2009	9:32	T	NA	Initial	Analysis	WG267723
L76826-02DUP	SW6020	7/29/2009	9:39	T	NA	Initial	Analysis	WG267723
L76826-02MS	Eichrom	8/6/2009	10:22	N	NA	Initial	Analysis	WG268233
L76826-02MS	ESM 4506	7/27/2009	8:40	N	NA	Initial	Analysis	WG267899
L76826-02MS	M903.1	7/29/2009	6:34	N	NA	Initial	Analysis	WG267898
L76826-05SDL	SW6020	7/29/2009	10:02	T	NA	Initial	Analysis	WG267723
TRIP BLANK	Eichrom	8/6/2009	10:20	N	NA	Initial	Analysis	WG268233
TRIP BLANK	ESM 4506	7/27/2009	8:38	N	NA	Initial	Analysis	WG267899
TRIP BLANK	M903.1	7/29/2009	6:32	N	NA	Initial	Analysis	WG267898
TRIP BLANK	SW6020	7/29/2009	10:05	T	NA	Initial	Analysis	WG267723
WG267308PBS1	SW6020	7/29/2009	9:21	T	NA	Initial	Analysis	WG267723
WG267308PBS2	SW6020	7/29/2009	9:25	T	NA	Initial	Analysis	WG267723
WG267460LCSS	M903.1	7/29/2009	6:23	N	NA	Initial	Analysis	WG267898
WG267460PBS	M903.1	7/29/2009	6:22	N	NA	Initial	Analysis	WG267898
WG267498LCSS	ESM 4506	7/27/2009	8:29	N	NA	Initial	Analysis	WG267899
WG267498PBS	ESM 4506	7/27/2009	8:28	N	NA	Initial	Analysis	WG267899
WG267723CCB1	SW6020	7/29/2009	9:51	T	NA	Initial	Analysis	WG267723
WG267723CCB2	SW6020	7/29/2009	10:35	T	NA	Initial	Analysis	WG267723
WG267723CCB3	SW6020	7/29/2009	11:01	T	NA	Initial	Analysis	WG267723
WG267723CCV1	SW6020	7/29/2009	9:47	T	NA	Initial	Analysis	WG267723
WG267723CCV2	SW6020	7/29/2009	10:31	T	NA	Initial	Analysis	WG267723
WG267723CCV3	SW6020	7/29/2009	10:57	T	NA	Initial	Analysis	WG267723
WG267723ICB	SW6020	7/29/2009	9:06	T	NA	Initial	Analysis	WG267723
WG267723ICSA	SW6020	7/29/2009	9:10	T	NA	Initial	Analysis	WG267723
WG267723ICSAB	SW6020	7/29/2009	9:13	T	NA	Initial	Analysis	WG267723
WG267723ICV	SW6020	7/29/2009	9:02	T	NA	Initial	Analysis	WG267723
WG267763LCSW	Eichrom	8/6/2009	10:11	N	NA	Initial	Analysis	WG268233
WG267763PBW	Eichrom	8/6/2009	10:10	N	NA	Initial	Analysis	WG268233

1-1-B1-A3	Eichrom	8/6/2009	10:12	N	NA	Initial	14255-04-0	Lead-210	290		TRG	YES	Y		N	29	20
1-1-B1-A3	ESM 4506	7/27/2009	8:30	N	NA	Initial	14269-63-7	THORIUM-230	-0.21		TRG	YES	Y		N	2	0.83
1-1-B1-A3	M903.1	7/29/2009	6:24	N	NA	Initial	13982-63-3	Radium 226	0.55		TRG	YES	Y		N	1.9	0.56
1-1-B1-A3	SW6020	7/29/2009	9:28	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N	U	N	0.001	0.006
2-1-B1-A3	Eichrom	8/6/2009	10:14	N	NA	Initial	14255-04-0	Lead-210	400		TRG	YES	Y		N	11	13
2-1-B1-A3	ESM 4506	7/27/2009	8:32	N	NA	Initial	14269-63-7	THORIUM-230	0.18		TRG	YES	Y		N	2.1	1.1
2-1-B1-A3	M903.1	7/29/2009	6:26	N	NA	Initial	13982-63-3	Radium 226	0.26		TRG	YES	Y		N	2.3	0.85
2-1-B1-A3	SW6020	7/29/2009	9:36	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N	U	N	0.001	0.006
3-1-B1-A3	Eichrom	8/6/2009	10:15	N	NA	Initial	14255-04-0	Lead-210	350		TRG	YES	Y		N	18	15
3-1-B1-A3	ESM 4506	7/27/2009	8:33	N	NA	Initial	14269-63-7	THORIUM-230	-0.22		TRG	YES	Y		N	2	1
3-1-B1-A3	M903.1	7/29/2009	6:27	N	NA	Initial	13982-63-3	Radium 226	1		TRG	YES	Y		N	2.2	0.77
3-1-B1-A3	SW6020	7/29/2009	9:43	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N	U	N	0.001	0.006
4-1-B1-A3	Eichrom	8/6/2009	10:17	N	NA	Initial	14255-04-0	Lead-210	350		TRG	YES	Y		N	21	17
4-1-B1-A3	ESM 4506	7/27/2009	8:35	N	NA	Initial	14269-63-7	THORIUM-230	0.54		TRG	YES	Y		N	2.2	1.1
4-1-B1-A3	M903.1	7/29/2009	6:29	N	NA	Initial	13982-63-3	Radium 226	1.1		TRG	YES	Y		N	2.1	0.76
4-1-B1-A3	SW6020	7/29/2009	9:54	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N	U	N	0.001	0.006
5-1-B1-A3	Eichrom	8/6/2009	10:18	N	NA	Initial	14255-04-0	Lead-210	350		TRG	YES	Y		N	16	15
5-1-B1-A3	ESM 4506	7/27/2009	8:36	N	NA	Initial	14269-63-7	THORIUM-230	-0.17		TRG	YES	Y		N	2.1	1
5-1-B1-A3	M903.1	7/29/2009	6:30	N	NA	Initial	13982-63-3	Radium 226	0.62		TRG	YES	Y		N	2.1	0.68
5-1-B1-A3	SW6020	7/29/2009	9:58	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N	U	N	0.001	0.006
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	14255-04-0	Lead-210	350		TRG	YES	Y		N		
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	14255-04-0	Lead-210	350		TRG	YES	Y	X	N		
L76826-01DUP	ESM 4506	7/27/2009	8:39	N	NA	Initial	14269-63-7	THORIUM-230	1		TRG	YES	Y		N		
L76826-01DUP	M903.1	7/29/2009	6:33	N	NA	Initial	13982-63-3	Radium 226	0.16		TRG	YES	Y		N		
L76826-01DUP	SW6020	7/29/2009	9:32	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N		N	0.001	0.006
L76826-02DUP	SW6020	7/29/2009	9:39	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N		N	0.001	0.006
L76826-02MS	Eichrom	8/6/2009	10:22	N	NA	Initial	14255-04-0	Lead-210	610		SC	YES	Y		N		
L76826-02MS	ESM 4506	7/27/2009	8:40	N	NA	Initial	14269-63-7	THORIUM-230	680		SC	YES	Y		N		
L76826-02MS	M903.1	7/29/2009	6:34	N	NA	Initial	13982-63-3	Radium 226	170		SC	YES	Y		N		
L76826-05SDL	SW6020	7/29/2009	10:02	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N		N	0.001	0.006
TRIP BLANK	Eichrom	8/6/2009	10:20	N	NA	Initial	14255-04-0	Lead-210	0		TRG	YES	Y		N	170	71
TRIP BLANK	ESM 4506	7/27/2009	8:38	N	NA	Initial	14269-63-7	THORIUM-230	10		TRG	YES	Y		N	16	8.4
TRIP BLANK	M903.1	7/29/2009	6:32	N	NA	Initial	13982-63-3	Radium 226	1.5		TRG	YES	Y		N	9.8	2.2
TRIP BLANK	SW6020	7/29/2009	10:05	T	NA	Initial	7440-61-1	Uranium	0.03		TRG	YES	N	U	N	0.007	0.03
WG267308PBS1	SW6020	7/29/2009	9:21	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N		N	0.001	0.006
WG267308PBS2	SW6020	7/29/2009	9:25	T	NA	Initial	7440-61-1	Uranium	0.006		TRG	YES	N		N	0.001	0.006
WG267460LCSS	M903.1	7/29/2009	6:23	N	NA	Initial	13982-63-3	Radium 226	180		TRG	YES	Y		N		

WG267460PBS	M903.1	7/29/2009	6:22	N	NA	Initial	13982-63-3	Radium 226	-0.04		TRG	YES	Y	N		
WG267498LCSS	ESM 4506	7/27/2009	8:29	N	NA	Initial	14269-63-7	THORIUM-230	640		TRG	YES	Y	N		
WG267498PBS	ESM 4506	7/27/2009	8:28	N	NA	Initial	14269-63-7	THORIUM-230	0.87		TRG	YES	Y	N		
WG267723CCB1	SW6020	7/29/2009	9:51	T	NA	Initial	7440-61-1	Uranium	0.0005		TRG	YES	N	N	0.0001	0.0005
WG267723CCB2	SW6020	7/29/2009	10:35	T	NA	Initial	7440-61-1	Uranium	0.0005		TRG	YES	N	N	0.0001	0.0005
WG267723CCB3	SW6020	7/29/2009	11:01	T	NA	Initial	7440-61-1	Uranium	0.0005		TRG	YES	N	N	0.0001	0.0005
WG267723CCV1	SW6020	7/29/2009	9:47	T	NA	Initial	7440-61-1	Uranium	0.0458		TRG	YES	Y	N	0.0001	0.0005
WG267723CCV2	SW6020	7/29/2009	10:31	T	NA	Initial	7440-61-1	Uranium	0.04583		TRG	YES	Y	N	0.0001	0.0005
WG267723CCV3	SW6020	7/29/2009	10:57	T	NA	Initial	7440-61-1	Uranium	0.04523		TRG	YES	Y	N	0.0001	0.0005
WG267723ICB	SW6020	7/29/2009	9:06	T	NA	Initial	7440-61-1	Uranium	0.0005		TRG	YES	N	N	0.0001	0.0005
WG267723ICSA	SW6020	7/29/2009	9:10	T	NA	Initial	7440-61-1	Uranium	0.0005		TRG	YES	N	N	0.0001	0.0005
WG267723ICSAB	SW6020	7/29/2009	9:13	T	NA	Initial	7440-61-1	Uranium	0.01944		TRG	YES	Y	N	0.0001	0.0005
WG267723ICV	SW6020	7/29/2009	9:02	T	NA	Initial	7440-61-1	Uranium	0.04555		TRG	YES	Y	N	0.0001	0.0005
WG267763LCSW	Eichrom	8/6/2009	10:11	N	NA	Initial	14255-04-0	Lead-210	49		TRG	YES	Y	N		
WG267763PBW	Eichrom	8/6/2009	10:10	N	NA	Initial	14255-04-0	Lead-210	2		TRG	YES	Y	N		

1-1-B1-A3	20	pCi/Filter	pCi/Filter												
1-1-B1-A3	0.83	pCi/Filter	pCi/Filter												
1-1-B1-A3	0.56	pCi/Filter	pCi/Filter												
1-1-B1-A3	0.006	mg/flt	mg/flt												
2-1-B1-A3	13	pCi/Filter	pCi/Filter												
2-1-B1-A3	1.1	pCi/Filter	pCi/Filter												
2-1-B1-A3	0.85	pCi/Filter	pCi/Filter												
2-1-B1-A3	0.006	mg/flt	mg/flt												
3-1-B1-A3	15	pCi/Filter	pCi/Filter												
3-1-B1-A3	1	pCi/Filter	pCi/Filter												
3-1-B1-A3	0.77	pCi/Filter	pCi/Filter												
3-1-B1-A3	0.006	mg/flt	mg/flt												
4-1-B1-A3	17	pCi/Filter	pCi/Filter												
4-1-B1-A3	1.1	pCi/Filter	pCi/Filter												
4-1-B1-A3	0.76	pCi/Filter	pCi/Filter												
4-1-B1-A3	0.006	mg/flt	mg/flt												
5-1-B1-A3	15	pCi/Filter	pCi/Filter												
5-1-B1-A3	1	pCi/Filter	pCi/Filter												
5-1-B1-A3	0.68	pCi/Filter	pCi/Filter												
5-1-B1-A3	0.006	mg/flt	mg/flt												
L76826-01DUP		pCi/Filter	pCi/Filter	290	0	350	0			18.8					20.45
L76826-01DUP		pCi/Filter	pCi/Filter	290	0	350	0								2
L76826-01DUP		pCi/Filter	pCi/Filter	-0.21	0	1	0								2
L76826-01DUP		pCi/Filter	pCi/Filter	0.55	0	0.16	0								2
L76826-01DUP	0.006	mg/kg	mg/kg					0	0	0	0	0			20
L76826-02DUP	0.006	mg/kg	mg/kg					0	0	0	0	0			20
L76826-02MS		pCi/Filter	pCi/Filter	400	308.59	610	68.1						58	111	
L76826-02MS		pCi/Filter	pCi/Filter	0.18	623.53	680	109						92	119	
L76826-02MS		pCi/Filter	pCi/Filter	0.26	183.96	170	92.3						44	128	
L76826-05SDL	0.006	mg/kg	mg/kg	0	0	0	0								10
TRIP BLANK	71	pCi/Filter	pCi/Filter												
TRIP BLANK	8.4	pCi/Filter	pCi/Filter												
TRIP BLANK	2.2	pCi/Filter	pCi/Filter												
TRIP BLANK	0.03	mg/flt	mg/flt												
WG267308PBS1	0.006	mg/kg	mg/kg	0	0	0	0						-0.003	0.003	
WG267308PBS2	0.006	mg/kg	mg/kg	0	0	0	0						-0.003	0.003	
WG267460LCSS		pCi/Filter	pCi/Filter	0	183.96	180	97.8						44	128	

WG267460PBS		pCi/Filter	pCi/Filter	0	0	-0.04	0			4.2
WG267498LCSS		pCi/Filter	pCi/Filter	0	623.53	640	102.6		92	119
WG267498PBS		pCi/Filter	pCi/Filter	0	0	0.87	0			4.4
WG267723CCB1	0.0005	mg/l	mg/l	0	0	0	0		-0.0003	0.0003
WG267723CCB2	0.0005	mg/l	mg/l	0	0	0	0		-0.0003	0.0003
WG267723CCB3	0.0005	mg/l	mg/l	0	0	0	0		-0.0003	0.0003
WG267723CCV1	0.0005	mg/l	mg/l	0	0.05	0.0458	91.6		90	110
WG267723CCV2	0.0005	mg/l	mg/l	0	0.05	0.04583	91.7		90	110
WG267723CCV3	0.0005	mg/l	mg/l	0	0.05	0.04523	90.5		90	110
WG267723ICB	0.0005	mg/l	mg/l	0	0	0	0		-0.0003	0.0003
WG267723ICSA	0.0005	mg/l	mg/l	0	0	0	0		-0.0005	0.0005
WG267723ICSAB	0.0005	mg/l	mg/l	0	0.02	0.01944	97.2		80	120
WG267723ICV	0.0005	mg/l	mg/l	0	0.05	0.04555	91.1		90	110
WG267763LCSW		pCi/Filter	pCi/Filter	0	80.23	49	61.1		58	111
WG267763PBW		pCi/Filter	pCi/Filter	0	0	2	0			12.6

1-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
2-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
3-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
4-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
5-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
L76826-01DUP	LR	AQ	Lab	1-1-B1-A3	4/1/2009			L76826	
L76826-02DUP	LR	AQ	Lab	2-1-B1-A3	4/1/2009			L76826	
L76826-02MS	MS	AQ	Lab	2-1-B1-A3	4/1/2009			L76826	
L76826-05SDL	SDL	AQ	Lab	5-1-B1-A3	4/1/2009			L76826	
TRIP BLANK	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
WG267308PBS1	LB	SQ	Lab		7/22/2009			L76826	
WG267308PBS2	LB	SQ	Lab		7/22/2009			L76826	
WG267460LCSS	RM	SQ	Lab		7/23/2009			L76826	
WG267460PBS	LB	SQ	Lab		7/23/2009			L76826	
WG267498LCSS	RM	SQ	Lab		7/24/2009			L76826	
WG267498PBS	LB	SQ	Lab		7/24/2009			L76826	
WG267723CCB1	CCB	W	Lab		7/28/2009			L76826	
WG267723CCB2	CCB	W	Lab		7/28/2009			L76826	
WG267723CCB3	CCB	W	Lab		7/28/2009			L76826	
WG267723CCV1	CCV	W	Lab		7/28/2009			L76826	
WG267723CCV2	CCV	W	Lab		7/28/2009			L76826	
WG267723CCV3	CCV	W	Lab		7/28/2009			L76826	
WG267723ICB	ICB	W	Lab		7/28/2009			L76826	
WG267723ICSA	IFC	W	Lab		7/28/2009			L76826	
WG267723ICSAB	IFC	W	Lab		7/28/2009			L76826	
WG267723ICV	ICV	W	Lab		7/28/2009			L76826	
WG267763LCSW	RM	W	Lab		7/29/2009			L76826	
WG267763PBW	LB	W	Lab		7/29/2009			L76826	

1-1-B1-A3	Eichrom	8/6/2009	10:12	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	ESM 4506	7/27/2009	8:30	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	M903.1	7/29/2009	6:24	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	SW6020	7/29/2009	9:28	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	10:00
2-1-B1-A3	Eichrom	8/6/2009	10:14	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	ESM 4506	7/27/2009	8:32	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	M903.1	7/29/2009	6:26	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	SW6020	7/29/2009	9:36	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	10:30
3-1-B1-A3	Eichrom	8/6/2009	10:15	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	ESM 4506	7/27/2009	8:33	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	M903.1	7/29/2009	6:27	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	SW6020	7/29/2009	9:43	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:00
4-1-B1-A3	Eichrom	8/6/2009	10:17	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	ESM 4506	7/27/2009	8:35	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	M903.1	7/29/2009	6:29	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	SW6020	7/29/2009	9:54	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:15
5-1-B1-A3	Eichrom	8/6/2009	10:18	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	ESM 4506	7/27/2009	8:36	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	M903.1	7/29/2009	6:30	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	SW6020	7/29/2009	9:58	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:30
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	ESM 4506	7/27/2009	8:39	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	M903.1	7/29/2009	6:33	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	SW6020	7/29/2009	9:32	T	NA	Initial	AQ	LB	DRY	11.2	NONE		
L76826-02DUP	SW6020	7/29/2009	9:39	T	NA	Initial	AQ	LB	DRY	11.2	NONE		
L76826-02MS	Eichrom	8/6/2009	10:22	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-02MS	ESM 4506	7/27/2009	8:40	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-02MS	M903.1	7/29/2009	6:34	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-05SDL	SW6020	7/29/2009	10:02	T	NA	Initial	AQ	LB	NA	11.2	NONE		
TRIP BLANK	Eichrom	8/6/2009	10:20	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	ESM 4506	7/27/2009	8:38	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	M903.1	7/29/2009	6:32	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	SW6020	7/29/2009	10:05	T	NA	Initial	AQ	LB	DRY	67	EPA 3050B	7/22/2009	11:45
WG267308PBS1	SW6020	7/29/2009	9:21	T	NA	Initial	SQ	LB	DRY	11.2	EPA 3050B	7/22/2009	9:30
WG267308PBS2	SW6020	7/29/2009	9:25	T	NA	Initial	SQ	LB	DRY	11.2	EPA 3050B	7/22/2009	9:45
WG267460LCSS	M903.1	7/29/2009	6:23	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267460PBS	M903.1	7/29/2009	6:22	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267498LCSS	ESM 4506	7/27/2009	8:29	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267498PBS	ESM 4506	7/27/2009	8:28	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267723CCB1	SW6020	7/29/2009	9:51	T	NA	Initial	W	LB	NA	1	NONE		

WG267723CCB2	SW6020	7/29/2009	10:35	T	NA	Initial	W	LB	NA	1	NONE
WG267723CCB3	SW6020	7/29/2009	11:01	T	NA	Initial	W	LB	NA	1	NONE
WG267723CCV1	SW6020	7/29/2009	9:47	T	NA	Initial	W	LB	NA	1	NONE
WG267723CCV2	SW6020	7/29/2009	10:31	T	NA	Initial	W	LB	NA	1	NONE
WG267723CCV3	SW6020	7/29/2009	10:57	T	NA	Initial	W	LB	NA	1	NONE
WG267723ICB	SW6020	7/29/2009	9:06	T	NA	Initial	W	LB	NA	1	NONE
WG267723ICSA	SW6020	7/29/2009	9:10	T	NA	Initial	W	LB	NA	1	NONE
WG267723ICSAB	SW6020	7/29/2009	9:13	T	NA	Initial	W	LB	NA	1	NONE
WG267723ICV	SW6020	7/29/2009	9:02	T	NA	Initial	W	LB	NA	1	NONE
WG267763LCSW	Eichrom	8/6/2009	10:11	N	NA	Initial	W	LB	NA	1	NONE
WG267763PBW	Eichrom	8/6/2009	10:10	N	NA	Initial	W	LB	NA	1	NONE

1-1-B1-A3	Eichrom	ACZ	L76826-01	-	ml	mwm	LB770
1-1-B1-A3	ESM 4506	ACZ	L76826-01	-	ml	mtb	OCTETE
1-1-B1-A3	M903.1	ACZ	L76826-01	-	ml	mwm	LUCAS CELL
1-1-B1-A3	SW6020	ACZ	L76826-01	-	ml	erf	ICPMS3
2-1-B1-A3	Eichrom	ACZ	L76826-02	-	ml	mwm	LB770
2-1-B1-A3	ESM 4506	ACZ	L76826-02	-	ml	mtb	OCTETE
2-1-B1-A3	M903.1	ACZ	L76826-02	-	ml	mwm	LUCAS CELL
2-1-B1-A3	SW6020	ACZ	L76826-02	-	ml	erf	ICPMS3
3-1-B1-A3	Eichrom	ACZ	L76826-03	-	ml	mwm	LB770
3-1-B1-A3	ESM 4506	ACZ	L76826-03	-	ml	mtb	OCTETE
3-1-B1-A3	M903.1	ACZ	L76826-03	-	ml	mwm	LUCAS CELL
3-1-B1-A3	SW6020	ACZ	L76826-03	-	ml	erf	ICPMS3
4-1-B1-A3	Eichrom	ACZ	L76826-04	-	ml	mwm	LB770
4-1-B1-A3	ESM 4506	ACZ	L76826-04	-	ml	mtb	OCTETE
4-1-B1-A3	M903.1	ACZ	L76826-04	-	ml	mwm	LUCAS CELL
4-1-B1-A3	SW6020	ACZ	L76826-04	-	ml	erf	ICPMS3
5-1-B1-A3	Eichrom	ACZ	L76826-05	-	ml	mwm	LB770
5-1-B1-A3	ESM 4506	ACZ	L76826-05	-	ml	mtb	OCTETE
5-1-B1-A3	M903.1	ACZ	L76826-05	-	ml	mwm	LUCAS CELL
5-1-B1-A3	SW6020	ACZ	L76826-05	-	ml	erf	ICPMS3
L76826-01DUP	Eichrom	ACZ	L76826-01DUP	-	ml		
L76826-01DUP	ESM 4506	ACZ	L76826-01DUP	-	ml		
L76826-01DUP	M903.1	ACZ	L76826-01DUP	-	ml		
L76826-01DUP	SW6020	ACZ	L76826-01DUP	-	ml		
L76826-02DUP	SW6020	ACZ	L76826-02DUP	-	ml		
L76826-02MS	Eichrom	ACZ	L76826-02MS	-	ml		
L76826-02MS	ESM 4506	ACZ	L76826-02MS	-	ml		
L76826-02MS	M903.1	ACZ	L76826-02MS	-	ml		
L76826-05SDL	SW6020	ACZ	L76826-05SDL	-	ml		
TRIP BLANK	Eichrom	ACZ	L76826-06	-	ml	mwm	LB770
TRIP BLANK	ESM 4506	ACZ	L76826-06	-	ml	mtb	OCTETE
TRIP BLANK	M903.1	ACZ	L76826-06	-	ml	mwm	LUCAS CELL
TRIP BLANK	SW6020	ACZ	L76826-06	-	ml	erf	ICPMS3
WG267308PBS1	SW6020	ACZ	WG267308PBS1	-	ml		
WG267308PBS2	SW6020	ACZ	WG267308PBS2	-	ml		
WG267460LCSS	M903.1	ACZ	WG267460LCSS	-	ml		
WG267460PBS	M903.1	ACZ	WG267460PBS	-	ml		
WG267498LCSS	ESM 4506	ACZ	WG267498LCSS	-	ml		
WG267498PBS	ESM 4506	ACZ	WG267498PBS	-	ml		
WG267723CCB1	SW6020	ACZ	WG267723CCB1	-	ml		

WG267723CCB2	SW6020	ACZ	WG267723CCB2	-	ml
WG267723CCB3	SW6020	ACZ	WG267723CCB3	-	ml
WG267723CCV1	SW6020	ACZ	WG267723CCV1	-	ml
WG267723CCV2	SW6020	ACZ	WG267723CCV2	-	ml
WG267723CCV3	SW6020	ACZ	WG267723CCV3	-	ml
WG267723ICB	SW6020	ACZ	WG267723ICB	-	ml
WG267723ICSA	SW6020	ACZ	WG267723ICSA	-	ml
WG267723ICSAB	SW6020	ACZ	WG267723ICSAB	-	ml
WG267723ICV	SW6020	ACZ	WG267723ICV	-	ml
WG267763LCSW	Eichrom	ACZ	WG267763LCSW	-	ml
WG267763PBW	Eichrom	ACZ	WG267763PBW	-	ml

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H_2O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m^3/min)	Flow Rate (ft^3/min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m^3)	volume (ft^3)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 12:11	4/16/09 8:31	1-1	11.4459	0.127	8229611	353.5	21210	20.19	1.4846	22.9921	0.939348	1.1880	41.9538	7.037	24.48	25197.4	889839.5	4/1/09 13:00	4/16/09 9:00
4/16/09 9:18	5/1/09 9:27	1-1	11.4459	0.127	8229616	360.1	21606	22.07	1.6224	22.9531	0.933982	1.1923	42.1062	12.842	24.58	25761.2	909746.5	4/16/09 10:00	5/1/09 10:00
5/1/09 9:36	5/14/09 13:49	1-1	11.4459	0.127	8229621	314.6	18876	21.99	1.6165	22.9137	0.9340999	1.2008	42.4054	16.836	24.53	22666.1	800444.2	5/1/09 10:00	5/14/09 14:00
5/14/09 13:57	5/28/09 15:35	1-1	11.4459	0.127	8229626	337.6	20256	21.27	1.5636	23.0558	0.936489	1.2056	42.5762	17.453	24.62	24421.1	862422.7	5/14/09 14:00	5/28/09 16:00
5/28/09 15:46	6/16/09 8:22	1-1	11.4459	0.127	8229631	448.6	26916	20.31	1.4930	23.0804	0.9392426	1.2102	42.7391	17.699	24.57	32574.7	1150364.7	5/28/09 16:00	6/16/09 9:00
6/16/09 8:40	7/1/09 8:48	1-1	11.4459	0.127	8229636	360.0	21600	19.46	1.4305	23.169	0.9418478	1.2199	43.0801	20.474	24.60	26349.7	930531.1	6/16/09 9:00	7/1/09 9:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H_2O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m^3/min)	Flow Rate (ft^3/min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m^3)	volume (ft^3)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 14:48	4/16/09 10:32	2-1	10.3903	0.2213	8229612	352.9	21174	19.11	1.4048	22.9996	0.9424375	1.1619	41.0332	7.123	24.40	24602.7	868837.2	4/1/09 15:00	4/16/09 11:00
4/16/09 10:49	5/1/09 10:53	2-1	10.3903	0.2213	8229617	360.1	21606	22.04	1.6202	22.887	0.9338881	1.1600	40.9666	12.958	24.51	25064.0	885125.4	4/16/09 11:00	5/1/09 11:00
5/1/09 11:07	5/14/09 15:05	2-1	10.3903	0.2213	8229622	314.3	18858	21.46	1.5779	22.8851	0.935497	1.1715	41.3726	17.343	24.46	22092.9	780205.0	5/1/09 12:00	5/14/09 16:00
5/14/09 15:11	5/28/09 16:05	2-1	10.3903	0.2213	8229627	336.9	20214	20.30	1.4926	23.0597	0.9392056	1.1787	41.6245	17.861	24.55	23825.7	841397.4	5/14/09 16:00	5/28/09 17:00
5/28/09 16:15	6/16/09 11:09	2-1	10.3903	0.2213	8229632	451.1	27066	20.68	1.5206	22.9841	0.9379471	1.1772	41.5731	18.164	24.50	31862.6	1125218.4	5/28/09 17:00	6/16/09 12:00
6/16/09 11:24	7/1/09 7:59	2-1	10.3903	0.2213	8229637	356.5	21390	19.48	1.4320	23.1003	0.9416285	1.1889	41.9865	20.956	24.53	25431.1	898090.8	6/16/09 12:00	7/1/09 8:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H_2O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m^3/min)	Flow Rate (ft^3/min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m^3)	volume (ft^3)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 13:42	4/17/09 8:49	3-1	12.0097	0.0877	8229613	379.1	22746	20.22	1.4868	22.9258	0.939098	1.1866	41.9042	7.008	24.41	26990.3	953151.9	4/1/09 14:00	4/17/09 9:00
4/17/09 9:26	5/1/09 11:43	3-1	12.0097	0.0877	8229618	338.2	20292	21.62	1.5897	22.9203	0.935141	1.1947	42.1913	13.519	24.51	24243.3	856145.1	4/17/09 10:00	5/1/09 12:00
5/1/09 11:55	5/15/09 8:22	3-1	12.0097	0.0877	8229623	332.4	19944	22.33	1.6415	22.8215	0.932897	1.1996	42.3648	17.418	24.46	23925.6	844923.0	5/1/09 12:00	5/15/09 9:00
5/15/09 8:30	5/29/09 6:18	3-1	12.0097	0.0877	8229628	333.8	20028	19.82	1.4574	23.1044	0.940666	1.2112	42.7730	17.674	24.56	24257.9	856658.0	5/15/09 9:00	5/29/09 7:00
5/29/09 6:21	6/16/09 14:37	3-1	12.0097	0.0877	8229633	440.2	26412	20.36	1.4967	23.0031	0.93891	1.2100	42.7298	18.286	24.50	31957.8	1128580.0	5/29/09 7:00	6/16/09 15:00
6/16/09 14:46	7/1/09 14:04	3-1	12.0097	0.0877	8229638	320.5	19230	19.51	1.4342	23.098	0.941538	1.2193	43.0605	20.994	24.53	23447.8	828052.5	6/16/09 15:00	7/1/09 15:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H_2O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m^3/min)	Flow Rate (ft^3/min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m^3)	volume (ft^3)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 11:14	4/17/09 12:31	4-1	11.6708	0.1191	8229614	382.5	22950	23.73	1.7445	22.7357	0.9287389	1.1615	41.0172	7.161	24.48	26655.9	941344.4	4/1/09 12:00	4/17/09 13:00
4/17/09 13:10	5/1/09 12:32	4-1	11.6708	0.1191	8229619	335.3	20118	26.54	1.9515	22.6277	0.9206049	1.1635	41.0878	13.864	24.58	23406.8	826603.6	4/17/09 14:00	5/1/09 13:00
5/1/09 12:41	5/15/09 9:31	4-1	11.6708	0.1191	8229624	331.2	19872	22.54	1.6574	22.8723	0.9324346	1.1881	41.9576	17.502	24.53	23610.1	833781.3	5/1/09 13:00	5/15/09 10:00
5/15/09 9:43	5/29/09 5:46	4-1	11.6708	0.1191	8229629	332.0	19920	20.39	1.4993	23.1301	0.939127	1.1982	42.3156	17.678	24.63	23869.0	842926.9	5/15/09 10:00	5/29/09 6:00
5/29/09 5:50	6/16/09 15:47	4-1	11.6708	0.1191	8229634	441.9	26514	21.19	1.5577	23.0107	0.9365967	1.1959	42.2322	18.329	24.57	31707.7	1119745.5	5/29/09 6:00	6/16/09 16:00
6/16/09 15:57	7/1/09 20:33	4-1	11.6708	0.1191	8229639	364.6	21876	19.24	1.4143	23.1863	0.942508	1.2106	42.7506	21.256	24.60	26482.3	935213.1	6/16/09 16:00	7/1/09 21:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H_2O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m^3/min)	Flow Rate (ft^3/min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m^3)	volume (ft^3)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 15:40	4/17/09 13:58	5-1	11.3823	0.1417	8229615	379.5	22770	20.10	1.4779	23.0041	0.9396317	1.1734	41.4366	6.997	24.48	26717.2	943510.8	4/1/09 16:00	4/17/09 14:00
4/17/09 14:30	5/1/09 13:05	5-1	11.3823	0.1417	8229620	334.5	20070	22.30	1.6393	22.9401	0.9333045	1.1775	41.5842	13.525	24.58	23633.1	834594.8	4/17/09 15:00	5/1/09 14:00
5/1/09 13:18	5/15/09 10:09	5-1	11.3823	0.1417	8229625	331.3	19878	22.01	1.6180	22.9118	0.9340388	1.1856	41.8686	16.922	24.53	23567.1	832264.7	5/1/09 14:00	5/15/09 11:00
5/15/09 10:23	5/29/09 5:15	5-1	11.3823	0.1417	8229630	330.8	19848	19.65	1.4445	23.1849	0.9413511	1.1972	42.2772	17.226	24.63	23761.2	839117.7	5/15/09 11:00	5/29/09 6:00
5/29/09 5:18	6/16/09 16:30	5-1	11.3823	0.1417	8229635	443.2	26592	20.39	1.4989	23.0695	0.938991	1.1950	42.2009	17.895	24.57	31777.4	1122206.7	5/29/09 6:00	6/16/09 17:00
6/16/09 17:02	7/1/09 21:30	5-1	11.3823	0.1417	8229640	364.4	21864	19.65	1.4445	23.1561	0.9412825	1.2042	42.5242	20.679	24.60	26327.5	929748.4	6/16/09 18:00	7/1/09 22:00

SECOND QUARTER 2009 AIR FILTER RESULTS

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
1-1	4/1/09	AirFlowRate	cfm	41.9538		
1-1	4/1/09	SamplingTime	min	21210		
1-1	4/1/09	SampleVolume	liter	25197000		
1-1	4/16/09	AirFlowRate	cfm	42.1062		
1-1	4/16/09	SamplingTime	min	21606		
1-1	4/16/09	SampleVolume	liter	25761000		
1-1	5/1/09	AirFlowRate	cfm	42.4054		
1-1	5/1/09	SamplingTime	min	18876		
1-1	5/1/09	SampleVolume	liter	22666000		
1-1	5/14/09	AirFlowRate	cfm	42.5762		
1-1	5/14/09	SamplingTime	min	20256		
1-1	5/14/09	SampleVolume	liter	24421000		
1-1	5/28/09	AirFlowRate	cfm	42.7391		
1-1	5/28/09	SamplingTime	min	26916		
1-1	5/28/09	SampleVolume	liter	32575000		
1-1	6/16/09	AirFlowRate	cfm	43.0801		
1-1	6/16/09	SamplingTime	min	21600		
1-1	6/16/09	SampleVolume	liter	26350000		
1-1	4/1/09	TotalSample Volume	liter	156970000		
1-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
1-1	4/1/09	Lead210LabResult	pCi/filter	290		29
1-1	4/1/09	Radium226LabResult	pCi/filter	0.55		1.9
1-1	4/1/09	Thorium230LabResult	pCi/filter	-0.21		2
1-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
1-1	4/1/09	Lead210Converted	pCi/liter	1.8E-06		1.8E-07
1-1	4/1/09	Radium226Converted	pCi/liter	3.5E-09		1.2E-08
1-1	4/1/09	Thorium230Converted	pCi/liter	-1.3E-09		1.3E-08

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
2-1	4/1/09	AirFlowRate	cfm	41.0332		
2-1	4/1/09	SamplingTime	min	21174		
2-1	4/1/09	SampleVolume	liter	24603000		
2-1	4/16/09	AirFlowRate	cfm	40.9666		
2-1	4/16/09	SamplingTime	min	21606		
2-1	4/16/09	SampleVolume	liter	25064000		
2-1	5/1/09	AirFlowRate	cfm	41.3726		
2-1	5/1/09	SamplingTime	min	18858		
2-1	5/1/09	SampleVolume	liter	22093000		
2-1	5/14/09	AirFlowRate	cfm	41.6245		
2-1	5/14/09	SamplingTime	min	20214		
2-1	5/14/09	SampleVolume	liter	23826000		
2-1	5/28/09	AirFlowRate	cfm	41.5731		
2-1	5/28/09	SamplingTime	min	27066		
2-1	5/28/09	SampleVolume	liter	31863000		
2-1	6/16/09	AirFlowRate	cfm	41.9865		
2-1	6/16/09	SamplingTime	min	21390		
2-1	6/16/09	SampleVolume	liter	25431000		
2-1	4/1/09	TotalSample Volume	liter	152880000		
2-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
2-1	4/1/09	Lead210LabResult	pCi/filter	400		11
2-1	4/1/09	Radium226LabResult	pCi/filter	0.26		2.3
2-1	4/1/09	Thorium230LabResult	pCi/filter	0.18		2.1
2-1	4/1/09	UraniumConverted	ug/liter		U	6.5E-09
2-1	4/1/09	Lead210Converted	pCi/liter	2.6E-06		7.2E-08
2-1	4/1/09	Radium226Converted	pCi/liter	1.7E-09		1.5E-08
2-1	4/1/09	Thorium230Converted	pCi/liter	1.2E-09		1.4E-08

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
3-1	4/1/09	AirFlowRate	cfm	41.9042		
3-1	4/1/09	SamplingTime	min	22746		
3-1	4/1/09	SampleVolume	liter	26990000		
3-1	4/17/09	AirFlowRate	cfm	42.1913		
3-1	4/17/09	SamplingTime	min	20292		
3-1	4/17/09	SampleVolume	liter	24243000		
3-1	5/1/09	AirFlowRate	cfm	42.3648		
3-1	5/1/09	SamplingTime	min	19944		
3-1	5/1/09	SampleVolume	liter	23926000		
3-1	5/15/09	AirFlowRate	cfm	42.7730		
3-1	5/15/09	SamplingTime	min	20028		
3-1	5/15/09	SampleVolume	liter	24258000		
3-1	5/29/09	AirFlowRate	cfm	42.7298		
3-1	5/29/09	SamplingTime	min	26412		
3-1	5/29/09	SampleVolume	liter	31958000		
3-1	6/16/09	AirFlowRate	cfm	43.0605		
3-1	6/16/09	SamplingTime	min	19230		
3-1	6/16/09	SampleVolume	liter	23448000		
3-1	4/1/09	TotalSample Volume	liter	154823000		
3-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
3-1	4/1/09	Lead210LabResult	pCi/filter	350		18
3-1	4/1/09	Radium226LabResult	pCi/filter	1		2.2
3-1	4/1/09	Thorium230LabResult	pCi/filter	-0.22		2
3-1	4/1/09	UraniumConverted	ug/liter		U	6.5E-09
3-1	4/1/09	Lead210Converted	pCi/liter	2.3E-06		1.2E-07
3-1	4/1/09	Radium226Converted	pCi/liter	6.5E-09		1.4E-08
3-1	4/1/09	Thorium230Converted	pCi/liter	-1.4E-09		1.3E-08

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
4-1	4/1/09	AirFlowRate	cfm	41.0172		
4-1	4/1/09	SamplingTime	min	22950		
4-1	4/1/09	SampleVolume	liter	26656000		
4-1	4/17/09	AirFlowRate	cfm	41.0878		
4-1	4/17/09	SamplingTime	min	20118		
4-1	4/17/09	SampleVolume	liter	23407000		
4-1	5/1/09	AirFlowRate	cfm	41.9576		
4-1	5/1/09	SamplingTime	min	19872		
4-1	5/1/09	SampleVolume	liter	23610000		
4-1	5/15/09	AirFlowRate	cfm	42.3156		
4-1	5/15/09	SamplingTime	min	19920		
4-1	5/15/09	SampleVolume	liter	23869000		
4-1	5/29/09	AirFlowRate	cfm	42.2322		
4-1	5/29/09	SamplingTime	min	26514		
4-1	5/29/09	SampleVolume	liter	31708000		
4-1	6/16/09	AirFlowRate	cfm	42.7506		
4-1	6/16/09	SamplingTime	min	21876		
4-1	6/16/09	SampleVolume	liter	26482000		
4-1	4/1/09	TotalSample Volume	liter	155732000		
4-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
4-1	4/1/09	Lead210LabResult	pCi/filter	350		21
4-1	4/1/09	Radium226LabResult	pCi/filter	1.1		2.1
4-1	4/1/09	Thorium230LabResult	pCi/filter	0.54		2.2
4-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
4-1	4/1/09	Lead210Converted	pCi/liter	2.2E-06		1.3E-07
4-1	4/1/09	Radium226Converted	pCi/liter	7.1E-09		1.3E-08
4-1	4/1/09	Thorium230Converted	pCi/liter	3.5E-09		1.4E-08

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
5-1	4/1/09	AirFlowRate	cfm	41.4366		
5-1	4/1/09	SamplingTime	min	22770		
5-1	4/1/09	SampleVolume	liter	26717000		
5-1	4/17/09	AirFlowRate	cfm	41.5842		
5-1	4/17/09	SamplingTime	min	20070		
5-1	4/17/09	SampleVolume	liter	23633000		
5-1	5/1/09	AirFlowRate	cfm	41.8686		
5-1	5/1/09	SamplingTime	min	19878		
5-1	5/1/09	SampleVolume	liter	23567000		
5-1	5/15/09	AirFlowRate	cfm	42.2772		
5-1	5/15/09	SamplingTime	min	19848		
5-1	5/15/09	SampleVolume	liter	23761000		
5-1	5/29/09	AirFlowRate	cfm	42.2009		
5-1	5/29/09	SamplingTime	min	26592		
5-1	5/29/09	SampleVolume	liter	31777000		
5-1	6/16/09	AirFlowRate	cfm	42.5242		
5-1	6/16/09	SamplingTime	min	21864		
5-1	6/16/09	SampleVolume	liter	26328000		
5-1	4/1/09	TotalSample Volume	liter	155783000		
5-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
5-1	4/1/09	Lead210LabResult	pCi/filter	350		16
5-1	4/1/09	Radium226LabResult	pCi/filter	0.62		2.1
5-1	4/1/09	Thorium230LabResult	pCi/filter	-0.17		2.1
5-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
5-1	4/1/09	Lead210Converted	pCi/liter	2.2E-06		1.0E-07
5-1	4/1/09	Radium226Converted	pCi/liter	4.0E-09		1.3E-08
5-1	4/1/09	Thorium230Converted	pCi/liter	-1.1E-09		1.3E-08
TRIP BLANK	4/1/09	UraniumLabResult	mg/filter		U	0.007
TRIP BLANK	4/1/09	Lead210LabResult	pCi/filter	0.0		170
TRIP BLANK	4/1/09	Radium226LabResult	pCi/filter	1.5		9.8
TRIP BLANK	4/1/09	Thorium230LabResult	pCi/filter	10		16

FIRST QUARTER 2009 AIR FILTER RESULTS

Field	Unit						
SampleID		1-1	2-1	3-1	4-1	5-1	Trip Blank
SampleDate	Date	4/1/09	4/1/09	4/1/09	4/1/09	4/1/09	4/1/2009
SampleVolume	liter	156970000	152880000	154823000	155732000	155783000	N/A
UraniumConverted	ug/liter	6.4E-09 U	6.5E-09 U	6.5E-09 U	6.4E-09 U	6.4E-09 U	7.0E-03 U
Lead210Converted	pCi/liter	1.8E-06	2.6E-06	2.3E-06	2.2E-06	2.2E-06	0.0E+00
Radium226Converted	pCi/liter	3.5E-09	1.7E-09	6.5E-09	7.1E-09	4.0E-09	1.5E+00
Thorium230Converted	pCi/liter	-1.3E-09	1.2E-09	-1.4E-09	3.5E-09	-1.1E-09	1.0E+01