

Appendix O

Soil Vapour Contaminant Concentration Stability Calculations

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Well ID	Sample Date	TCE Conc (µg/m3)	Mean of last 3 events (µg/m3)	Abs Dev from Mean (µg/m3)	% Dev from Mean	Total VCH Conc (µg/m3)	Mean of last 3 events (µg/m3)	Abs Dev from Mean (µg/m3)	% Dev from Mean	1,1-DCE Conc (µg/m3)	Mean of last 3 events (µg/m3)	Abs Dev from Mean (µg/m3)	% Dev from Mean
SV_EPA27	Oct-14	<5				<LOR				N/A			
	Mar-15	<5				<LOR				<200			
	Sep-15	<5.4				<LOR				<200			
	Nov-17	<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	<12	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<9	N/A	N/A	N/A
SV_EPA30	Oct-14	26				N/A				N/A			
	Sep-15	18.3				1408.3				1390			
	Sep-16	38.1				2578.1				2540			
	Nov-17	38.7	32	7	22%	1418.7	1802	-383	-21%	1380	1770	-390	-22%
	Mar-18	55	38	17	47%	1955	1840	115	6%	1900	1803	98	5%
SV_EPA32	Mar-15	112				112				<200			
	Nov-17	454	N/A	N/A	N/A	454	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	130	232	102	44%	2930	1165	1765	151%	<9	N/A	N/A	N/A
SV_EPA33A	Oct-14	940				955				N/A			
	Mar-15	1,400				1428				<200			
	Sep-15	1,120				1120				<200			
	Sep-16	1,080				1080				<200			
	Nov-17	1,200	1133	67	6%	1200	1133	67	6%	<200	N/A	N/A	N/A
	Mar-18	1,400	1200	200	17%	1400	1200	200	17%	<9	N/A	N/A	N/A
SV_EPA33B	Oct-14	2200				2216				N/A			
	Sep-15	3740				3740				<200			
	Sep-16	4920				4920				<200			
	Nov-17	5690	4783	907	19%	5690	4783	907	19%	<200	N/A	N/A	N/A
	Mar-18	8200	5638	2563	45%	8200	5638	2563	45%	<9	N/A	N/A	N/A
SV_EPA34A	Oct-14	920				934				N/A			
	Mar-15	1200				1219				<200			
	Sep-15	870				870				<200			
	Sep-16	934				934				<200			
	Nov-17	698	834	-136	-16%	698	834	-136	-16%	<200	N/A	N/A	N/A
	Mar-18	1000	876	125	14%	1047	887	160	18%	<9	N/A	N/A	N/A
SV_EPA34B	Oct-14	1400				1424.5				N/A			
	Sep-15	1770				1770				<200			
	Nov-17	3120	2097	1023	49%	3120	2105	1015	48%	<200	N/A	N/A	N/A
	Mar-18	5100	2848	2253	79%	5158	2868	2290	80%	<10	N/A	N/A	N/A
SV_EPA35A	Oct-14	95				N/A				N/A			
	Sep-15	38.1				2148.1				2110			
	Nov-17	43.5	59	-15	-26%	637.5	N/A	N/A	N/A	594	N/A	N/A	N/A
	Mar-18	<13	59	-46	-78%	150	979	-829	-85%	150	951	-801	-84%
SV_EPA35B	Oct-14	58				N/A				N/A			
	Sep-15	34.4				1484.4				1450			
	Nov-17	27.9	40	-12	-30%	554.9	N/A	N/A	N/A	527	N/A	N/A	N/A
	Mar-18	<13	40	-27	-68%	210	750	-540	-72%	210	729	-519	-71%
SV_EPA40A	Oct-14	<5				327				N/A			
	Sep-15	192				192				<200			
	Sep-16	199				199				<200			
	Nov-17	141	177	-36	-20%	141	177	-36	-20%	<200	N/A	N/A	N/A
	Mar-18	270	201	70	35%	270	201	70	35%	<9	N/A	N/A	N/A

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SV_EPA40B	Oct-14	830				848				N/A			
	Sep-15	644				644				<200			
	Sep-16	585				585				<200			
	Nov-17	440	556	-116	-21%	440	556	-116	-21%	<200	N/A	N/A	N/A
	Mar-18	690	590	100	17%	690	590	100	17%	<9	N/A	N/A	N/A
SV_EPA42	Oct-14	12				12				N/A			
	Sep-15	33.3				33.3				<200			
	Sep-16	59.1				59.1				<200			
	Nov-17	37.6	43	-6	-13%	37.6	43	-6	-13%	<200	N/A	N/A	N/A
	Mar-18	70	50	20	40%	70	50	20	40%	<9	N/A	N/A	N/A
SV_EPA49	Oct-14	<5				<LOR				N/A			
	Aug-15	<5.4				<LOR				<200			
	Sep-16	<5.4				<LOR				<200			
	Nov-17	<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	<13	N/A	N/A	N/A	51	N/A	N/A	N/A	<10	N/A	N/A	N/A
SV_EPA51	Oct-14	<5				<LOR				N/A			
	Aug-15	<5.4				<LOR				<200			
	Nov-17	<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	<13	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<10	N/A	N/A	N/A
	SV_EPA52	Oct-14	<5				<LOR				N/A		
Sep-15		<5.4				<LOR				<200			
Nov-17		<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
Mar-18		<12	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<9	N/A	N/A	N/A
SV_EPA54A		Oct-14	<5				<LOR				N/A		
	Sep-15	<5.4				<LOR				<200			
	Nov-17	<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	<13	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<10	N/A	N/A	N/A
	SV_EPA56	Sep-15	<5.4				<LOR				<200		
Nov-17		<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
Mar-18		<12	N/A	N/A	N/A	51	N/A	N/A	N/A	<9	N/A	N/A	N/A
SV_EPA57A	Oct-14	36				36				N/A			
	Mar-15	290				295				<200			
	Nov-17	137	154	-17	-11%	137	156	-19	-12%	<200	N/A	N/A	N/A
	Mar-18	210	168	42	25%	210	170	41	24%	<9	N/A	N/A	N/A
	SV_EPA76A	Mar-15	46				52.2				<200		
Nov-17		<5.4	N/A	N/A	N/A	<LOR	N/A	N/A	N/A	<200	N/A	N/A	N/A
SV_EPA76B	Mar-15	1200				1232				<200			
	Nov-17	498	N/A	N/A	N/A	498	N/A	N/A	N/A	<200	N/A	N/A	N/A
SV_EPA78A	Mar-15	360								N/S			
	Nov-17	160	N/A	N/A	N/A	160	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	480	333	147	44%	480	N/A	N/A	N/A	<10	N/A	N/A	N/A
SV_EPA78B	Mar-15	810								N/S			
	Nov-17	564	N/A	N/A	N/A	564	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	390	588	-198	-34%	390	N/A	N/A	N/A	<10	N/A	N/A	N/A
SV_EPA80	Mar-15	180				180				N/S			
	Nov-17	53.7	N/A	N/A	N/A	53.7	N/A	N/A	N/A	<200	N/A	N/A	N/A
	Mar-18	140	125	15	12%	140	125	15	12%	<11	N/A	N/A	N/A