

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
SVE-6	01/03/2020	-	20	133	1,431	22
	01/03/2020	-	20	145	1,344	22
	01/03/2020	-	20	-	1,283	18
	01/03/2020	Yes	20	75	1,256	20
	01/06/2020	-	21	-	877	14
	01/10/2020	Yes	21	4.5	859	15
	01/10/2020	-	21	6.8	922	15
	01/17/2020	-	20	75	-	-
	01/17/2020	-	20	120	-	-
	01/20/2020	Yes	19	17	-	-
	01/20/2020	-	19	38	807	16
	02/03/2020	-	18	2.3	802	16
	02/03/2020	Yes	19	3.6	917	17
	02/17/2020	-	20	2.8	943	15
	02/17/2020	-	20	9.2	927	17
	03/02/2020	Yes	20	0.8	921	17
	03/16/2020	-	20	37	610	14
	04/01/2020	Yes	19	0.9	650	15
	04/01/2020	-	20	0.8	800	15
	05/01/2020	-	20	0.7	717	13
	05/19/2020	-	20	1.7	539	12
	05/26/2020	-	20	7.8	760	12
	06/12/2020	-	20	1.8	738	17
	07/13/2020	Yes	20	1.8	702	14
	08/14/2020	-	20	8.0	710	10
	08/14/2020 ^d	-	0.10	-	-	-
	08/14/2020 ^d	-	0.10	-	-	-
	08/14/2020 ^d	-	0.10	-	-	-
	08/18/2020 ^d	-	0.10	-	-	-
	09/18/2020 ^d	-	0.00	-	-	-
	09/18/2020	-	20	3.1	654	13
	09/18/2020 ^d	-	0.14	-	-	-
	10/16/2020 ^d	-	0.12	-	-	-
	10/16/2020	Yes	20	9.3	762	14
	10/16/2020 ^d	-	0.22	-	-	-
	12/01/2020 ^d	-	0.12	-	-	-
	12/28/2020 ^d	-	0.12	-	-	-
	01/28/2021 ^d	-	0.12	-	-	-
	01/28/2021	Yes	20	4.8	611	12
	01/28/2021 ^d	-	0.10	-	-	-
	02/27/2021 ^d	-	0.04	-	-	-
	02/27/2021 ^d	-	0.15	-	-	-
	02/27/2021 ^d	-	0.12	-	-	-
	03/01/2021 ^d	-	0.12	-	-	-
	03/25/2021 ^d	-	0.10	-	-	-
	03/25/2021 ^d	-	0.05	-	-	-
	04/27/2021 ^d	-	0.10	-	-	-
	04/27/2021	-	12	1.2	421	15
	04/27/2021	-	12	1.1	440	15
	04/27/2021	-	12	1.1	448	15
	04/28/2021	-	18	5.0	794	19
	04/28/2021	Yes	18	3.5	781	18

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SVE-6 (cont'd)	05/06/2021	-	18	0.9	648	17
	05/14/2021	-	18	1.4	645	15
	05/19/2021	-	18	1.8	662	16
	05/27/2021 ^e	Yes	18	1.1	652	17
	07/09/2021 ^e	Yes	18	7.2	660	16
	07/09/2021	-	18	2.6	761	16
	07/09/2021	-	18	1.9	652	15
	07/09/2021	-	18	2.8	674	15
	07/09/2021	-	18	3.6	698	15
	07/09/2021	Yes	18	4.1	683	15
	07/10/2021	-	18	4.3	740	16
	07/11/2021	-	18	3.1	658	15
	07/12/2021	-	18	2.9	623	15
	07/13/2021	-	18	2.8	637	15
	07/24/2021	Yes	18	1.5	651	16
	07/30/2021	-	18	3.6	614	15
	08/05/2021	-	18	1.7	639	15
	08/05/2021 ^d	-	0	-	0	0
	08/23/2021	-	20	2.2	753	49
	09/03/2021	-	20	1.1	788	46
	09/03/2021 ^d	-	0	-	0	0
	09/22/2021	-	20	3.3	806	49
	10/08/2021	-	20	2.3	797	50
	10/08/2021 ^d	-	-	-	0	0
	10/22/2021 ^d	-	-	-	0	0
	11/09/2021	-	20	2.3	694	47
	11/09/2021 ^d	-	-	-	0	0
	11/22/2021	-	20	2.4	652	16
	12/06/2021 ^e	Yes	20	2.5	640	14
	02/15/2022 ^e	-	20	0.8	1,049	16
	02/16/2022	-	20	0.9	981	16
	02/25/2022	-	20	0.6	-	-
	02/28/2022	-	20	0.8	936	16
	03/01/2022	Yes	20	0.6	940	16
	03/15/2022	-	20	1.3	827	15
	03/31/2022 ^e	-	20	0.9	840	15
	07/27/2022 ^e	Yes	20	1.4	736	15
	07/27/2022	-	20	1.4	718	15
	07/27/2022	-	20	1.4	721	15
	07/27/2022	Yes	20	1.2	714	15
	07/27/2022	-	20	1.2	729	15
	07/27/2022	-	20	1.3	722	15
	07/28/2022	-	20	1.1	741	15
	07/29/2022	-	20	1.5	730	15
	08/03/2022	-	20	1.2	746	15
	08/10/2022	-	20	1.0	837	16
	08/17/2022	-	20	9.2	925	16
	08/25/2022	Yes	21	4.6	727	14
	09/30/2022	Yes	20	5.2	850	16
	10/31/2022	Yes	20	4.4	842	16
	11/28/2022	Yes	20	6.2	833	16
	12/19/2022	Yes	20	6.9	856	16

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SVE-6 (cont'd)	01/12/2023	Yes	20	0.3	901	18
	02/10/2023	-	20	0.2	-	-
	03/15/2023	Yes	20	2.4	1,583	16
	04/17/2023	-	18	0.1	833	9
	05/19/2023	-	15	0.1	528	7
	06/29/2023	Yes	14	4.8	482	8
	07/25/2023	-	14	63.0	500	6
	09/06/2023	Yes	20	130.0	420	-
	09/06/2023	-	20	102.0	596	-
	09/06/2023	-	20	62.7	451	-
	09/06/2023	-	20	43.3	504	-
	09/06/2023	-	20	48.1	473	-
	09/06/2023	-	20	56.2	430	-
	09/06/2023	Yes	20	50.3	456	-
	09/07/2023	-	20	32.1	529	-
	09/08/2023	-	20	26.8	453	-
	09/22/2023	-	20	11.5	462	13
	10/07/2023	-	20	6.9	508	15
	12/01/2023	-	20	29.3	512	13
	12/01/2023	-	20	20.8	506	15
	12/01/2023	-	20	22.4	531	15
	12/01/2023	-	20	16.1	546	15
	12/01/2023	-	20	10.6	563	15
	12/01/2023	-	20	12.2	529	15
	12/01/2023	-	20	13.0	542	15
	12/02/2023	-	20	3.6	578	16
	12/03/2024	-	20	3.8	493	15
	12/15/2023	-	20	2.7	839	17
	01/03/2024	-	20	0.1	-	-
	02/09/2024	-	21	0.3	1,118	22
SVE-7	01/03/2020	-	20	283	1,311	20
	01/03/2020	-	20	245	1,150	18
	01/03/2020	-	20	-	1,152	16
	01/03/2020	Yes	20	166	1,055	17
	01/06/2020	-	21	-	827	14
	01/10/2020	Yes	21	211	836	14
	01/10/2020	-	21	197	841	14
	01/17/2020	-	21	71	-	-
	01/17/2020	-	21	170	-	-
	01/20/2020	Yes	20	41	-	-
	01/20/2020	-	20	62	792	16
	02/03/2020	-	19	6.6	799	16
	02/03/2020	Yes	20	7.1	841	15
	02/17/2020	-	21	6.1	949	15
	02/17/2020	-	20	13	909	17
	03/02/2020	Yes	20	3.3	851	15
	03/16/2020	-	20	16	679	16
	04/01/2020	Yes	20	1.4	752	17
	04/01/2020	-	20	1.5	862	16
	05/01/2020	-	20	1.4	785	15
	05/19/2020	-	20	3.1	620	14
	05/26/2020	-	20	4.7	807	12

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SVE-7 (cont'd)	06/12/2020	-	21	1.6	781	18
	07/13/2020	Yes	21	1.1	776	16
	08/14/2020	-	20	8.8	739	11
	08/14/2020	-	22	10	835	22
	08/14/2020	-	28	14	900	15
	08/14/2020	-	23	-	778	15
	08/18/2020	-	23	12	802	15
	09/18/2020	-	7.0	1.9	193	26
	09/18/2020	-	20	3.2	624	22
	10/16/2020	Yes	24	2.9	816	20
	10/16/2020	-	20	2.5	824	22
	12/01/2020	-	30	1.2	861	23
	12/28/2020	-	31	0.2	920	20
	01/28/2021	Yes	25	2.3	645	22
	01/28/2021 ^d	-	0.20	-	-	-
	01/28/2021 ^d	-	0.20	-	-	-
	02/27/2021 ^d	-	0.20	-	-	-
	02/27/2021	-	30	2.4	-	-
	02/27/2021	-	12	0.7	-	-
	02/27/2021	-	12	0.7	-	-
	02/27/2021	-	12	0.8	-	-
	02/27/2021	-	12	0.9	-	-
	03/01/2021	-	12	3.7	-	-
	03/25/2021	-	12	1.3	-	-
	03/25/2021 ^d	-	0.05	-	-	-
	04/27/2021 ^d	-	0.10	-	-	-
	04/27/2021	-	12	2.0	485	17
	04/27/2021	-	12	1.4	472	16
	04/27/2021	-	12	1.3	494	16
	04/28/2021	-	20	3.0	734	17
	04/28/2021	Yes	20	1.2	807	18
	05/06/2021	-	20	1.0	612	16
	05/14/2021	-	20	2.3	707	16
	05/19/2021	-	20	1.9	691	16
	05/27/2021 ^e	Yes	20	0.8	641	17
	07/09/2021 ^e	Yes	20	4.0	739	18
	07/09/2021	-	20	2.5	816	18
	07/09/2021	-	20	2.0	848	19
	07/09/2021	-	20	2.7	784	18
	07/09/2021	-	20	3.8	857	19
	07/09/2021	Yes	20	4.2	830	18
	07/10/2021	-	20	4.0	797	17
	07/11/2021	-	20	2.8	703	16
	07/12/2021	-	20	2.7	696	17
	07/13/2021	-	20	2.5	714	17
	07/24/2021	Yes	20	3.8	607	15
	07/30/2021	-	20	2.1	597	14
	08/05/2021	-	20	1.5	644	15
	08/05/2021 ^d	-	0	-	0	0
	11/22/2021	-	20	2.3	681	16
	12/06/2021 ^e	Yes	20	2.1	699	15
	02/15/2022 ^e	-	20	0.1	1,043	15
	02/16/2022	-	20	0.3	1,020	16
	02/25/2022	-	21	7.5	-	-

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SVE-7 (cont'd)	02/28/2022	-	20	4.9	983	17
	03/01/2022	Yes	20	50	950	16
	03/15/2022	-	20	16	962	17
	03/31/2022 ^e	-	20	3.9	921	17
	07/27/2022 ^e	Yes	20	0.9	864	18
	07/27/2022	-	20	1.0	804	17
	07/27/2022	-	20	1.0	809	17
	07/27/2022	Yes	20	0.9	799	17
	07/27/2022	-	20	0.8	806	17
	07/27/2022	-	20	0.9	808	17
	07/28/2022	-	20	0.9	827	17
	07/29/2022	-	20	1.0	816	17
	08/03/2022	-	20	0.7	833	17
	08/10/2022	-	20	0.6	862	17
	08/17/2022	-	17	9.3	1,226	21
	08/25/2022	Yes	23	4.2	848	17
	09/30/2022	Yes	20	4.4	847	16
	10/31/2022	Yes	20	3.7	825	16
	11/28/2022	Yes	20	3.1	839	16
	12/19/2022	Yes	20	3.6	821	16
	01/12/2023	Yes	20	1.4	852	17
	02/10/2023	Yes	20	1.9	651	13
	03/15/2023	Yes	23	8.1	1,656	16
	04/17/2023	-	16	0.1	824	8
	05/19/2023	-	15	0.2	571	8
	06/29/2023	Yes	14	2.7	489	8
	07/25/2023	-	14	87.3	452	5
	09/06/2023	Yes	20	55.4	645	-
	09/06/2023	-	20	60.3	859	-
	09/06/2023	-	20	53.2	422	-
	09/06/2023	-	20	42.1	729	-
	09/06/2023	-	20	45.7	814	-
	09/06/2023	-	20	56.2	652	-
	09/06/2023	Yes	20	50.8	738	-
	09/07/2023	-	20	43.1	681	-
	09/08/2023	-	20	44.1	812	-
	09/22/2023	-	20	4.3	704	20
	10/07/2023	-	20	2.6	673	20
	12/01/2023	-	20	20.5	794	21
	12/01/2023	-	20	16.4	622	19
	12/01/2023	-	20	15.8	678	19
	12/01/2023	-	20	12.7	715	20
	12/01/2023	-	20	8.4	689	19
	12/01/2023	-	20	3.1	674	19
	12/01/2023	-	20	3.5	703	19
	12/02/2023	-	20	2.7	599	17
	12/03/2024	-	20	2.4	630	19
	12/15/2023	-	20	3.3	751	15
	01/03/2024	-	20	0.2	824	16
	02/09/2024	-	21	0.2	-	-
SVE-8	01/03/2020	-	20	928	1,366	21
	01/03/2020	-	20	388	1,378	22
	01/03/2020	-	20	-	1,354	19

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SVE-8 (cont'd)	01/03/2020	Yes	20	385	1,270	21
	01/06/2020	-	21	-	825	14
	01/10/2020	Yes	21	372	842	15
	01/10/2020	-	21	360	810	14
	01/17/2020	-	20	65	-	-
	01/17/2020	-	20	284	-	-
	01/20/2020	Yes	20	89	-	-
	01/20/2020	-	20	110	796	16
	02/03/2020	-	19	37	777	16
	02/03/2020	Yes	20	36	848	15
	02/17/2020	-	21	10	928	15
	02/17/2020	-	20	29	915	17
	03/02/2020	Yes	20	12	855	15
	03/16/2020	-	20	15	701	17
	04/01/2020	Yes	20	1.8	653	15
	04/01/2020	-	20	7.8	973	18
	05/01/2020	-	20	2.8	733	14
	05/19/2020	-	20	8.1	650	14
	05/26/2020	-	20	16	817	12
	06/12/2020	-	21	2.3	803	18
	07/13/2020	Yes	20	1.6	787	16
	08/14/2020	-	20	21	750	11
	08/14/2020	-	22	14	762	20
	08/14/2020	-	27	18	773	13
	08/14/2020	-	22	-	721	13
	08/18/2020	-	22	30	739	13
	09/18/2020	-	6.0	1.6	138	19
	09/18/2020	-	23	5.4	709	25
	10/16/2020	Yes	26	3.1	853	21
	10/16/2020	-	23	3.5	763	20
	12/01/2020	-	29	1.4	906	24
	12/28/2020	-	30	0.3	897	19
	01/28/2021	Yes	24	1.4	690	24
	01/28/2021 ^d	-	0.05	-	-	-
	01/28/2021	-	30	2.8	907	44
	02/27/2021	-	30	4.6	785	47
	02/27/2021 ^d	-	0.05	-	-	-
	02/27/2021 ^d	-	0.02	-	-	-
	02/27/2021 ^d	-	0.02	-	-	-
	03/25/2021 ^d	-	0.02	-	-	-
	03/25/2021	-	30	2.2	863	45
	04/27/2021	Yes	30	0.7	1,112	49
	04/27/2021	-	12	1.1	467	16
	04/27/2021	-	12	1.1	476	16
	04/27/2021	-	12	1.0	480	16
	04/28/2021	-	18	2.0	724	17
	04/28/2021	-	18	2.3	746	17
	05/06/2021	-	18	1.3	598	16
	05/14/2021	-	18	3.1	763	18
	05/19/2021	-	18	1.7	741	18
	05/27/2021 ^e	Yes	18	0.9	615	16
	07/09/2021 ^e	Yes	18	3.3	626	15
	07/09/2021	-	18	2.7	675	15

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SVE-8 (cont'd)	07/09/2021	-	18	2.4	678	15
	07/09/2021	-	18	2.9	670	15
	07/09/2021	-	18	4.1	643	14
	07/09/2021	Yes	18	4.4	657	15
	07/10/2021	-	18	4.2	594	13
	07/11/2021	-	18	2.9	617	14
	07/12/2021	-	18	2.6	634	15
	07/13/2021	-	18	2.6	647	15
	07/24/2021	Yes	18	4.3	671	16
	07/30/2021	-	18	1.9	633	15
	08/05/2021	-	18	1.5	702	16
	08/05/2021	-	20	1.6	817	49
	08/23/2021	-	20	1.8	695	49
	08/23/2021 ^d	-	0	-	0	0
	09/03/2021	-	20	1.8	751	46
	09/22/2021	-	20	4.1	492	49
	09/22/2021 ^d	-	0	-	0	0
	10/08/2021	-	20	2.8	890	50
	10/22/2021	-	20	2.6	868	50
	10/22/2021 ^d	-	-	-	0	0
	11/09/2021	-	20	2.6	782	47
	11/22/2021	-	20	2.8	777	19
	12/06/2021 ^e	Yes	20	2.7	818	18
	02/15/2022 ^e	-	20	0.3	1,290	19
	02/16/2022	-	20	0.3	1,147	18
	02/25/2022	-	21	0.6	-	-
	02/28/2022	-	20	0.8	1,026	18
	03/01/2022	Yes	20	1.1	1,019	18
	03/15/2022	-	20	0.9	979	18
	03/31/2022 ^e	-	20	0.7	957	18
	07/27/2022 ^e	Yes	20	0.4	819	17
	07/27/2022	-	20	0.5	811	17
	07/27/2022	-	20	0.6	790	17
	07/27/2022	Yes	20	0.5	798	17
	07/27/2022	-	20	0.6	804	17
	07/27/2022	-	20	0.5	793	17
	07/28/2022	-	20	0.7	814	17
	07/29/2022	-	20	0.9	830	17
	08/03/2022	-	20	0.6	822	17
	08/10/2022	-	20	0.7	850	16
	08/17/2022	-	18	6.7	677	12
	08/25/2022	Yes	22	4.6	749	15
	09/30/2022	Yes	20	4.0	817	16
	10/31/2022	Yes	20	4.6	832	16
	11/28/2022	Yes	20	3.5	804	15
	12/19/2022	Yes	20	3.2	846	16
	01/12/2023	Yes	20	0.1	766	15
	02/10/2023	Yes	20	0.1	771	15
	03/15/2023	Yes	20	0.8	1465	14
	04/17/2023	-	18	0.1	644	7
	05/19/2023	-	15	0.1	522	7
	06/29/2023	Yes	14	2.1	418	7
	07/25/2023	-	14	30.5	493	6
	09/06/2023	Yes	20	30.4	428	-

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
SVE-8 (cont'd)	09/06/2023	-	20	26.9	459	-
	09/06/2023	-	20	27.6	462	-
	09/06/2023	-	20	25.1	450	-
	09/06/2023	-	20	29.3	471	-
	09/06/2023	-	20	34.9	438	-
	09/06/2023	Yes	20	28.1	462	-
	09/07/2023	-	20	35.3	440	-
	09/08/2023	-	20	26.2	463	-
	09/22/2023	-	20	3.1	452	13
	10/07/2023	-	20	2.5	441	13
	12/01/2023	-	20	4.4	562	15
	12/01/2023	-	20	4.0	488	15
	12/01/2023	-	20	4.0	510	15
	12/01/2023	-	20	3.2	520	14
	12/01/2023	-	20	3.3	564	15
	12/01/2023	-	20	3.5	537	15
	12/01/2023	-	20	3.8	532	15
	12/02/2023	-	20	2.7	561	16
	12/03/2024	-	20	2.4	507	15
	12/15/2023	-	20	2.8	797	16
	01/03/2024	-	20	0.2	462	9
	02/09/2024	-	21	0.1	670	13
AWS Inlet	01/03/2020	-	20	-	1,425	62
	01/03/2020	-	20	118	1,418	62
	01/03/2020	-	20	386	1,237	54
	01/03/2020	Yes	20	-	1,340	58
	01/06/2020	-	21	-	943	42
	01/10/2020	Yes	20	-	991	44
	01/10/2020	-	20	-	974	43
	01/17/2020	-	20	40	758	48
	01/17/2020	-	21	114	703	45
	01/20/2020	Yes	20	86	803	50
	01/20/2020	-	20	95	819	47
	02/03/2020	-	20	30	842	47
	02/03/2020	Yes	22	33	853	47
	02/17/2020	-	21	7.2	1,147	45
	02/17/2020	-	20	25	875	50
	03/02/2020	Yes	20	8.4	859	47
	03/16/2020	-	20	16	635	47
	04/01/2020	Yes	20	1.4	737	47
	04/01/2020	-	20	12	829	49
	05/01/2020	-	20	2.1	715	42
	05/19/2020	-	20	6.4	721	40
	05/26/2020	-	21	10	759	36
	06/12/2020	-	21	2.9	744	52
	07/13/2020	Yes	20	2.9	762	46
	08/14/2020	-	20	23	767	32
	08/14/2020	-	22	18	765	43
	08/14/2020	-	27	19	715	28
	08/14/2020	-	23	-	753	28
	08/18/2020	-	22	32	774	28
	09/18/2020	-	4.8	5.5	145	45

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
AWS Inlet (cont'd)	09/18/2020	-	24	6.5	795	46
	10/16/2020	Yes	26	1.5	809	41
	10/16/2020	-	26	4.6	786	41
	12/01/2020	-	30	1.3	1,097	47
	12/28/2020	-	30	0.1	950	39
	01/28/2021	Yes	24	1.8	718	46
	01/28/2021	-	20	3.5	750	48
	01/28/2021	-	30	2.2	907	44
	02/27/2021	-	30	3.8	793	47
	02/27/2021	-	30	1.2	762	41
	02/27/2021	-	12	0.9	906	45
	03/01/2021	-	12	2.5	831	46
	03/25/2021	-	12	1.0	499	46
	03/25/2021	-	30	1.3	907	45
	04/27/2021	-	30	0.6	984	49
	04/27/2021	-	12	1.0	517	48
	04/27/2021	-	12	0.9	529	47
	04/27/2021	-	12	0.9	535	47
	04/28/2021	-	18	1.6	763	53
	04/28/2021	Yes	18	2.4	759	52
	05/06/2021	-	18	1.1	810	50
	05/14/2021	-	18	3.1	707	49
	05/19/2021	-	18	1.6	692	50
	05/27/2021 ^e	Yes	18	0.8	732	51
	07/09/2021 ^e	-	18	2.8	740	49
	07/09/2021	-	18	2.3	727	49
	07/09/2021	-	18	2.4	850	49
	07/09/2021	-	18	2.9	785	48
	07/09/2021	-	18	3.7	814	48
	07/09/2021	Yes	18	4.0	817	48
	07/10/2021	-	18	4.2	648	45
	07/11/2021	-	18	2.8	636	46
	07/12/2021	-	18	2.7	684	48
	07/13/2021	-	18	2.5	690	48
	07/24/2021	Yes	18	1.9	631	46
	07/30/2021	-	18	3.5	575	44
	08/05/2021	-	18	1.5	693	46
	08/05/2021	-	20	1.9	760	49
	08/22/2021	-	20	1.7	687	49
	08/22/2021	-	20	1.9	727	49
	09/03/2021	-	20	1.2	644	46
	09/03/2021	-	20	1.7	660	46
	09/22/2021	-	20	3.9	797	49
	09/22/2021	-	20	3.1	744	49
	10/08/2021	-	20	2.2	730	50
	10/08/2021	-	20	2.6	752	50
	10/22/2021	-	20	2.5	783	50
	10/22/2021	-	20	2.7	690	47
	11/09/2021	-	20	2.3	698	47
	11/09/2021	-	20	2.5	721	47
	11/22/2021	-	20	2.7	830	50
	12/06/2021 ^e	Yes	20	2.4	763	48
	02/15/2022 ^e	-	20	0.3	979	50
	02/16/2022	-	20	0.4	956	50

TABLE 1
Soil Vapor Extraction Monitoring Data
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 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
AWS Inlet (cont'd)	02/25/2022	-	21	2.9	-	-
	02/28/2022	-	20	1.2	904	50
	03/01/2022	Yes	20	2.6	927	50
	03/15/2022	-	20	9.1	858	50
	03/31/2022 ^e	-	20	3.3	839	50
	07/27/2022 ^e	Yes	20	0.7	716	49
	07/27/2022	-	20	0.8	692	49
	07/27/2022	-	20	0.8	699	49
	07/27/2022	Yes	20	0.9	708	49
	07/27/2022	-	20	0.8	710	49
	07/27/2022	-	20	0.7	691	49
	07/28/2022	-	20	0.6	736	49
	07/29/2022	-	20	0.8	722	49
	08/03/2022	-	20	0.6	740	49
	08/10/2022	-	20	0.3	848	49
	08/17/2022	-	20	6.7	820	49
	08/25/2022	Yes	20	4.8	705	46
	09/30/2022	Yes	20	4.2	793	48
	10/31/2022	Yes	20	3.7	752	49
	11/28/2022	Yes	20	4.1	708	48
	12/19/2022	Yes	20	4.4	744	48
	01/12/2023	Yes	20	0.3	806	49
	02/10/2023	Yes	20	0.7	946	47
	03/15/2023	Yes	19	3.5	1,399	46
	04/17/2023	-	19	0.1	910	24
	05/19/2023	-	20	0.1	527	23
	06/29/2023	Yes	18	1.9	478	23
	07/25/2023	-	19	126.0	483	16
	09/06/2023	Yes	20	193.0	435	-
	09/06/2023	-	20	76.0	417	-
	09/06/2023	-	20	68.2	440	-
	09/06/2023	-	20	59.3	407	-
	09/06/2023	-	20	55.5	419	-
	09/06/2023	-	20	69.4	376	-
	09/06/2023	Yes	20	62.3	409	-
	09/07/2023	-	20	42.0	463	-
	09/08/2023	-	20	27.9	457	-
	09/22/2023	-	20	6.4	419	47
	10/07/2023	-	20	3.5	487	48
	12/01/2023	-	20	12.1	397	49
	12/01/2023	-	20	9.5	401	49
	12/01/2023	-	20	7.8	451	49
	12/01/2023	-	20	8.9	485	49
	12/01/2023	-	20	6.4	496	49
	12/01/2023	-	20	4.9	481	49
	12/01/2023	-	20	5.1	472	49
	12/02/2023	-	20	2.3	529	49
	12/03/2024	-	20	2.9	466	49
	12/15/2023	-	20	2.1	920	49
	01/03/2024	-	20	0.3	916	49
	02/09/2024	-	21	0.0	1,104	49
AWS Outlet	01/03/2020	-	22	-	-	-
	01/03/2020	-	22	-	-	-

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
AWS Outlet (cont'd)	01/03/2020	-	22	-	-	-
	01/03/2020	-	22	-	-	-
	01/06/2020	-	23	-	-	-
	01/10/2020	-	23	-	-	-
	01/10/2020	-	23	-	-	-
	01/17/2020	-	21	-	-	-
	01/17/2020	-	19	-	-	-
	01/20/2020	-	22	-	-	-
	01/20/2020	-	22	-	-	-
	02/03/2020	-	23	-	-	-
	02/03/2020	-	25	-	-	-
	02/17/2020	-	25	-	-	-
	02/17/2020	-	23	-	-	-
	03/02/2020	-	23	-	-	-
	03/16/2020	-	24	-	-	-
	04/01/2020	-	25	-	-	-
	04/01/2020	-	26	-	-	-
	05/01/2020	-	23	-	-	-
	05/19/2020	-	23	-	-	-
	05/26/2020	-	23	-	-	-
	06/12/2020	-	25	-	-	-
	07/13/2020	-	25	-	-	-
	08/14/2020	-	25	-	-	-
	08/14/2020	-	26	-	-	-
	08/14/2020	-	33	-	-	-
	08/14/2020	-	27	-	-	-
	08/18/2020	-	27	-	-	-
	09/18/2020	-	64	-	-	-
	09/18/2020	-	26	-	-	-
	10/16/2020	-	29	-	-	-
	10/16/2020	-	28	-	-	-
	12/01/2020	-	34	-	-	-
	12/28/2020	-	32	-	-	-
	01/28/2021	-	26	-	-	-
	01/28/2021	-	24	-	-	-
	01/28/2021	-	33	-	-	-
	02/27/2021	-	33	-	-	-
	02/27/2021	-	32	-	-	-
	02/27/2021	-	14	-	-	-
	03/01/2021	-	14	-	-	-
	03/25/2021	-	15	-	-	-
	03/25/2021	-	33	-	-	-
	04/27/2021	-	34	-	-	-
	04/27/2021	-	16	-	-	-
	04/27/2021	-	16	-	-	-
	04/27/2021	-	16	-	-	-
	04/28/2021	-	23	-	-	-
	04/28/2021	-	23	-	-	-
	05/06/2021	-	23	-	-	-
	05/14/2021	-	23	-	-	-
	05/19/2021	-	21	-	-	-
	05/27/2021 ^e	-	21	-	-	-
	07/09/2021 ^e	-	22	-	-	-

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
AWS Outlet (cont'd)	07/09/2021	-	22	-	-	-
	07/09/2021	-	22	-	-	-
	07/09/2021	-	22	-	-	-
	07/09/2021	-	22	-	-	-
	07/09/2021	-	21	-	-	-
	07/10/2021	-	21	-	-	-
	07/11/2021	-	21	-	-	-
	07/12/2021	-	21	-	-	-
	07/13/2021	-	21	-	-	-
	07/24/2021	-	22	-	-	-
	07/30/2021	-	22	-	-	-
	08/05/2021	-	22	-	-	-
	08/05/2021	-	24	-	-	-
	08/22/2021	-	24	-	-	-
	08/22/2021	-	24	-	-	-
	09/03/2021	-	24	-	-	-
	09/03/2021	-	24	-	-	-
	09/22/2021	-	24	-	-	-
	09/22/2021	-	25	-	-	-
	10/08/2021	-	25	-	-	-
	10/08/2021	-	25	-	-	-
	10/22/2021	-	25	-	-	-
	10/22/2021	-	25	-	-	-
	11/09/2021	-	24	-	-	-
	11/09/2021	-	24	-	-	-
	11/22/2021	-	24	-	-	-
	12/06/2021 ^e	-	24	-	-	-
	02/15/2022 ^e	-	24	-	-	-
	02/16/2022	-	24	-	-	-
	02/25/2022	-	26	-	-	-
	02/28/2022	-	24	-	-	-
	03/01/2022	-	24	-	-	-
	03/15/2022	-	24	-	-	-
	03/31/2022 ^e	-	24	-	-	-
	07/27/2022 ^e	-	24	-	-	-
	07/27/2022	-	24	-	-	-
	07/27/2022	-	24	-	-	-
	07/27/2022	-	24	-	-	-
	07/27/2022	-	24	-	-	-
	07/27/2022	-	24	-	-	-
	07/28/2022	-	24	-	-	-
	07/29/2022	-	24	-	-	-
	08/03/2022	-	24	-	-	-
	08/10/2022	-	24	-	-	-
	08/17/2022	-	28	-	-	-
	08/25/2022	-	31	-	-	-
	09/30/2022	-	23	-	-	-
	10/31/2022	-	24	-	-	-
	11/28/2022	-	24	-	-	-
	12/19/2022	-	24	-	-	-
	01/12/2023	-	24	-	-	-
	02/10/2023	-	23	-	-	-
	03/15/2023	-	22	-	-	-
	04/17/2023	-	20	-	-	-

TABLE 1
Soil Vapor Extraction Monitoring Data
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 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
AWS Outlet (cont'd)	05/19/2023	-	15	-	-	-
	06/29/2023	-	18	-	-	-
	07/25/2023	-	14	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/06/2023	-	22	-	-	-
	09/07/2023	-	22	-	-	-
	09/08/2023	-	22	-	-	-
	09/22/2023	-	22	-	-	-
	10/07/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/01/2023	-	22	-	-	-
	12/02/2023	-	22	-	-	-
	12/03/2024	-	22	-	-	-
	12/15/2023	-	22	-	-	-
	01/03/2024	-	24	-	-	-
	02/09/2024	-	26	-	-	-
Stack ^c	01/03/2020	-	0.15	77	-	-
	01/03/2020	-	0.14	71	2,153	166
	01/03/2020	-	0.08	64	2,305	177
	01/03/2020	-	0.06	61	2,285	174
	01/06/2020	-	0.15	44	2,404	187
	01/10/2020	-	0.14	31	2,267	178
	01/10/2020	-	0.13	34	2,306	180
	01/17/2020	-	0.12	14	2,337	187
	01/17/2020	-	0.14	10	2,489	200
	01/20/2020	-	0.14	55	2,262	175
	01/20/2020	-	0.14	53	2,096	161
	02/03/2020	-	0.16	30	2,235	175
	02/03/2020	-	0.16	30	2,186	171
	02/17/2020	-	0.16	6.4	2,091	161
	02/17/2020	-	0.10	13	2,159	167
	03/02/2020	-	0.12	6.4	2,217	174
	03/16/2020	-	0.10	9.7	2,052	157
	04/01/2020	-	0.09	1.3	2,234	174
	04/01/2020	-	0.10	8.5	2,121	164
	05/01/2020	-	0.06	1.3	1,922	147
	05/19/2020	-	0.08	12	1,889	140
	05/26/2020	-	0.10	7.3	1,890	138
	06/12/2020	-	0.08	2.0	1,826	140
	07/13/2020	-	0.10	2.0	1,816	132
	08/14/2020	-	0.05	10	1,977	142
	08/14/2020	-	0.05	13	1,870	134

TABLE 1
Soil Vapor Extraction Monitoring Data
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 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
Stack ^c (cont'd)	08/14/2020	-	0.05	16	1,778	127
	08/14/2020	-	0.05	-	-	-
	08/18/2020	-	0.06	16	1,878	137
	09/18/2020	-	0.04	7.0	840	65
	09/18/2020	-	0.06	3.9	1,789	134
	10/16/2020	-	0.05	1.3	1,902	146
	10/16/2020	-	0.06	2.2	1,817	135
	12/01/2020	-	0.05	1.1	1,906	150
	12/28/2020	-	0.04	0.0	1,877	145
	01/28/2021	-	0.05	1.2	1,992	153
	01/28/2021	-	0.06	2.8	2,114	163
	01/28/2021	-	0.06	1.8	1,897	146
	02/27/2021	-	0.05	2.3	1,933	148
	02/27/2021	-	0.06	1.0	1,999	153
	02/27/2021	-	0.08	0.8	2,318	179
	03/01/2021	-	0.08	1.8	2,329	176
	03/25/2021	-	0.07	0.7	2,347	180
	03/25/2021	-	0.06	1.0	1,808	135
	04/27/2021	-	0.12	0.4	1,822	136
	04/27/2021	-	0.08	1.0	2,071	157
	04/27/2021	-	0.08	1.0	2,133	161
	04/27/2021	-	0.08	0.8	2,104	159
	04/28/2021	-	0.10	0.9	2,127	161
	04/28/2021	-	0.10	1.5	2,116	160
	05/06/2021	-	0.10	0.8	2,096	157
	05/14/2021	-	0.10	2.8	1,912	139
	05/19/2021	-	0.11	1.4	2,133	159
	05/27/2021 ^e	-	0.12	0.6	2,001	149
	07/09/2021 ^e	-	0.12	2.5	1,993	146
	07/09/2021	-	0.12	2.0	2,031	148
	07/09/2021	-	0.12	2.0	1,984	144
	07/09/2021	-	0.12	2.5	1,998	144
	07/09/2021	-	0.12	3.3	2,086	149
	07/09/2021	-	0.12	3.6	2,037	145
	07/10/2021	-	0.11	3.8	2,115	151
	07/11/2021	-	0.12	2.7	2,087	152
	07/12/2021	-	0.11	2.5	2,059	152
	07/13/2021	-	0.10	2.1	2,073	155
	07/24/2021	-	0.10	1.2	1,849	134
	07/30/2021	-	0.10	3.0	1,896	134
	08/05/2021	-	0.10	1.0	1,973	148
	08/05/2021	-	0.10	0.9	1,909	142
	08/22/2021	-	0.10	1.1	1,876	138
	08/22/2021	-	0.10	1.5	1,914	140
	09/03/2021	-	0.10	0.9	1,877	138
	09/03/2021	-	0.10	1.1	1,794	132
	09/22/2021	-	0.10	2.9	1,823	131
	09/22/2021	-	0.10	2.7	1,846	133
	10/08/2021	-	0.10	1.9	1,781	134
	10/08/2021	-	0.10	2.0	1,820	136
	10/22/2021	-	0.10	2.2	1,874	141

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
Stack ^c (cont'd)	10/22/2021	-	0.10	2.6	1,833	138
	11/09/2021	-	0.10	2.1	1,901	144
	11/09/2021	-	0.10	2.2	1,876	142
	11/22/2021	-	0.10	2.5	1,844	141
	12/06/2021 ^e	-	0.10	2.2	1,829	141
	02/15/2022 ^e	-	0.10	0.4	2,104	161
	02/16/2022	-	0.10	0.4	2,085	158
	02/25/2022	-	0.05	0.2	-	-
	02/28/2022	-	0.10	0.4	1,953	150
	03/01/2022	-	0.10	0.4	2,034	156
	03/15/2022	-	0.10	0.9	2,070	157
	03/31/2022 ^e	-	0.10	0.6	1,984	149
	07/27/2022 ^e	-	0.10	0.7	1,857	136
	07/27/2022	-	0.10	0.6	1,932	141
	07/27/2022	-	0.10	0.7	1,916	140
	07/27/2022	-	0.10	0.7	1,950	142
	07/27/2022	-	0.10	0.6	1,926	140
	07/27/2022	-	0.10	0.6	1,942	141
	07/28/2022	-	0.10	0.5	1,893	138
	07/29/2022	-	0.10	0.6	1,920	139
	08/03/2022	-	0.10	0.3	1,972	144
	08/10/2022	-	0.10	0.5	1,805	133
	08/17/2022	-	0.10	0.0	1,510	105
	08/25/2022	-	0.05	4.5	1,682	122
	09/30/2022	-	0.10	4.0	1,831	139
	10/31/2022	-	0.10	3.4	1,796	139
	11/28/2022	-	0.10	3.3	1,786	142
	12/19/2022	-	0.10	3.4	1,812	145
	01/12/2023	-	0.10	0.4	1,780	140
	02/10/2023	-	0.10	0.8	1,225	97
	03/15/2023	-	0.05	0.6	2,319	179
	04/17/2023	-	0.06	0.2	2,060	160
	05/19/2023	-	0.04	0.2	1,863	137
	06/29/2023	-	0.04	1.2	1,802	131
	07/25/2023	-	0.03	0.3	1,971	147
	09/06/2023	-	0.07	6.3	1,822	136
	09/06/2023	-	0.07	4.1	1,740	129
	09/06/2023	-	0.07	3.6	1,900	141
	09/06/2023	-	0.07	2.0	1,812	134
	09/06/2023	-	0.07	1.9	1,784	132
	09/06/2023	-	0.07	1.8	1,726	128
	09/06/2023	-	0.07	2.0	1,814	134
	09/07/2023	-	0.07	1.5	1,742	131
	09/08/2023	-	0.07	1.7	1,653	125
	09/22/2023	-	0.08	1.0	1,892	146
	10/07/2023	-	0.08	1.3	1,784	137
	12/01/2023	-	0.08	4.8	1,519	123
	12/01/2023	-	0.08	3.9	1,642	132
	12/01/2023	-	0.08	3.7	1,720	138
	12/01/2023	-	0.08	2.9	1,831	146
	12/01/2023	-	0.08	2.1	1,747	139

TABLE 1
Soil Vapor Extraction Monitoring Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Analytical Sampling	Induced Vacuum (inches H ₂ O) ^a	PID (ppmv) ^a	Approximate Velocity (fpm) ^a	Flow (scfm) ^b
Stack ^c (cont'd)	12/01/2023	-	0.08	1.8	1,763	140
	12/01/2023	-	0.08	1.9	1,819	145
	12/02/2023	-	0.08	1.4	1,936	145
	12/03/2024	-	0.08	1.9	1,847	136
	12/15/2023	-	0.05	1.4	2,318	182
	01/03/2024	-	0.04	0.0	2,159	166
	02/09/2024	-	0.04	0.0	2,115	166

Notes:

^a Measured at SVE system manifold.

^b Air flow calculated at individual well laterals (SVE-6 through -8), and measured at AWS Inlet (system total) using a pitot tube. Individual well air flow calculations corrected to reflect proportional contribution to the system total.

^c Values in the vacuum column are positive pressure at the stack (inches H₂O).

^d Well disabled.

^e System disabled 05/27/2021-07/09/2021, 12/06/2021-02/15/2022, and 03/31/2022-07/27/2022 for contaminant rebound monitoring.

AWS = air/water separator

scfm = standard cubic feet per minute

fpm = feet per minute

ppmv = parts per million vapor

- = Not measured

cont'd = continued

TABLE 2
Biodegradation Parameter and Zone of Influence Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
Active SVE Wells								
SVE-6	1/2/2020	10:30	0.45	-	1,166	19.3	0.0	0.6
	1/3/2020 ^b	12:00	-	-	133	20.7	0.1	0.0
	1/3/2020	12:25	5.9	-	-	-	-	-
	1/3/2020	14:00	7.0	-	-	-	-	-
	2/3/2020 ^b	14:30	-	-	2.9	20.7	0.1	0.1
	3/2/2020 ^b	12:30	-	-	0.8	20.8	0.0	0.0
	4/1/2020 ^b	14:00	-	-	0.8	20.8	0.0	0.0
	7/13/2020 ^b	14:00	-	-	1.8	20.8	0.0	0.0
	8/14/2020 ^{b,d}	13:50	0.10	Yes	-	-	-	-
	10/16/2020 ^{b,d}	10:30	0.14	Yes	3.2	20.9	0.0	0.0
	1/28/2021 ^{b,d}	12:00	0.12	Yes	2.1	20.7	0.0	0.0
	4/27/2021 ^d	12:30	0.12	No	2.1	18.9	0.9	0.0
	4/28/2021	10:30	16	Yes	-	-	-	-
	5/27/2021	13:00	17	Yes	1.4	20.6	0.2	0.0
	5/27/2021	14:30	0.00	-	1.3	20.6	0.1	0.0
	6/11/2021	11:30	0.00	-	2.1	-	-	-
	6/21/2021	12:30	0.00	-	3.2	-	-	-
	7/9/2021	10:00	0.00	-	11	14.9	1.7	0.0
	3/1/2022	13:30	16	Yes	1.2	18.6	0.5	0.0
	7/6/2022	13:00	0.00	-	5.9	-	-	-
	7/14/2022	12:00	0.00	-	4.1	19.0	1.3	0.0
	7/21/2022	11:00	0.00	-	5.3	-	-	-
	7/27/2022	8:30	0.00	-	5.6	18.7	1.6	0.0
	7/27/2022	11:30	17	Yes	1.3	20.7	0.1	0.0
	2/10/2023 ^b	11:00	-	-	0.8	20.6	0.0	0.0
	6/29/2023	12:00	-	-	4.8	20.9	0.0	0.1
	9/6/2023	16:30	17	Yes	52	20.9	0.2	0.0
	12/1/2023	16:00	17	Yes	15	20.4	0.6	0.0
SVE-7	1/2/2020	10:30	0.00	-	1,951	20.4	0.0	1.1
	1/3/2020 ^b	12:00	-	-	283	20.3	0.5	0.0
	1/3/2020	12:25	20	-	-	-	-	-
	1/3/2020	14:00	20	-	-	-	-	-
	2/3/2020 ^b	14:30	-	-	7.4	19.6	1.4	0.3
	3/2/2020 ^b	12:30	-	-	3.3	19.9	1.0	0.0
	4/1/2020 ^b	14:00	-	-	1.5	19.4	1.3	0.0
	7/13/2020 ^b	14:00	-	-	1.1	19.5	1.5	0.0
	10/16/2020 ^b	10:30	-	-	2.9	19.8	1.3	0.0
	1/28/2021 ^b	12:00	-	-	2.3	20.1	1.5	0.0
	4/27/2021 ^d	12:30	0.20	No	2.1	17.8	1.0	0.0
	4/28/2021	10:30	16	Yes	-	-	-	-
	5/27/2021	13:00	17	Yes	1.2	19.7	0.7	0.0
	5/27/2021	14:30	0.00	-	1.0	20.0	0.6	0.0
	6/11/2021	11:30	0.00	-	1.9	-	-	-
	6/21/2021	12:30	0.00	-	3.1	-	-	-
	7/9/2021	10:00	0.00	-	14	6.7	6.5	0.0
	3/1/2022	13:30	17	Yes	36	19.1	1.4	0.0
	7/6/2022	13:00	0.00	-	28	-	-	-
	7/14/2022	12:00	0.00	-	25	19.2	2.0	0.0
	7/21/2022	11:00	0.00	-	25	-	-	-
	7/27/2022	8:30	0.00	-	29	19.1	1.9	0.0

TABLE 2
Biodegradation Parameter and Zone of Influence Data

Plaid Pantry No. 112
Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
SVE-7 (cont'd)	7/27/2022	11:30	18	Yes	1.1	20.1	0.8	0.0
	2/10/2023 ^b	11:00	-	-	1.9	20.3	1.1	0.0
	6/29/2023	12:00	-	-	2.7	21.0	0.0	0.1
	9/6/2023	16:30	17	Yes	55	20.2	1.2	0.0
	12/1/2023	16:00	17	Yes	4.8	19.9	1.3	0.0
SVE-8	1/2/2020	10:30	0.00	-	10,899	19.9	0.0	4.9
	1/3/2020 ^b	12:00	-	-	928	19.2	0.9	0.0
	1/3/2020	12:25	20	-	-	-	-	-
	1/3/2020	14:00	20	-	-	-	-	-
	2/3/2020 ^b	14:30	-	-	36	19.8	1.1	0.4
	3/2/2020 ^b	12:30	-	-	12	19.2	1.6	0.1
	4/1/2020 ^b	14:00	-	-	7.8	19.0	1.6	0.0
	7/13/2020 ^b	14:00	-	-	1.6	18.7	2.3	0.0
	10/16/2020 ^b	10:30	-	-	3.1	18.9	2.1	0.0
	1/28/2021 ^b	12:00	-	-	1.4	19.2	1.7	0.0
	4/27/2021 ^d	12:30	0.20	No	2.1	17.8	1.0	0.0
	4/28/2021	10:30	14	Yes	-	-	-	-
	5/27/2021	13:00	17	Yes	1.1	19.0	1.1	0.0
	5/27/2021	14:30	0.00	-	1.1	19.2	0.9	0.0
	6/11/2021	11:30	0.00	-	2.2	-	-	-
	6/21/2021	12:30	0.00	-	3.6	-	-	-
	7/9/2021	10:00	0.00	-	15	7.2	3.3	0.0
	3/1/2022	13:30	17	Yes	1.8	19.3	0.4	0.0
	7/6/2022	13:00	0.00	-	16	-	-	-
	7/14/2022	12:00	0.00	-	10	17.7	2.8	0.0
	7/21/2022	11:00	0.00	-	13	-	-	-
	7/27/2022	8:30	0.00	-	12	18.0	2.6	0.0
	7/27/2022	11:30	17	Yes	0.7	19.3	1.0	0.0
	2/10/2023 ^b	11:00	-	-	2.0	18.5	1.2	0.0
	6/29/2023	12:00	-	-	2.1	21.0	0.0	0.1
	9/6/2023	16:30	17	Yes	36	19.1	1.0	0.0
	12/1/2023	16:00	18	Yes	5.1	19.3	1.0	0.0
Inactive SVE Wells								
SVE-1	1/2/2020	10:30	0.00	-	127	14.6	6.0	0.0
	1/3/2020	12:25	0.16	-	-	-	-	-
	1/3/2020	14:00	0.17	-	4.8	15.5	4.6	0.1
	1/3/2020	16:00	0.17	-	-	14.0	6.3	0.0
	1/10/2020	13:00	0.14	-	-	-	-	-
	1/20/2020	14:30	0.06	-	-	-	-	-
	2/3/2020	14:30	0.14	Yes	1.2	21.1	0.5	0.0
	3/2/2020	12:30	0.18	-	6.4	20.5	0.6	0.0
	4/1/2020	14:00	0.12	-	2.6	20.9	0.0	0.0
	7/13/2020	14:00	0.12	-	2.0	20.9	0.0	0.0
	8/14/2020	13:50	0.02	No	-	-	-	-
	10/16/2020	10:30	0.08	No	1.5	20.6	0.5	0.0
	1/28/2021	12:00	0.04	No	2.2	19.8	0.4	0.0
	4/27/2021	12:30	0.06	No	1.8	20.1	0.4	0.0
	4/28/2021	10:30	0.10	No	-	-	-	-
	5/27/2021	13:00	0.15	No	1.0	20.6	0.2	0.0
	5/27/2021	14:30	0.05	-	1.3	20.7	0.1	0.0
	6/11/2021	11:30	0.00	-	1.7	-	-	-
	6/21/2021	12:30	0.00	-	2.6	-	-	-

TABLE 2
Biodegradation Parameter and Zone of Influence Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
SVE-1 (cont'd)	7/9/2021	10:00	0.00	-	1.1	13.3	7.6	0.0
	3/1/2022	13:30	0.10	No	0.9	12.0	8.1	0.0
	7/6/2022	13:00	0.00	-	1.6	-	-	-
	7/14/2022	12:00	0.00	-	1.0	11.8	7.9	0.0
	7/21/2022	11:00	0.00	-	1.7	-	-	-
	7/27/2022	8:30	0.00	-	1.6	12.2	8.0	0.0
	7/27/2022	11:30	0.00	-	1.5	12.4	7.3	0.0
	10/31/2022	12:30	0.00	-	-	-	-	-
	11/28/2022	12:30	0.00	-	-	-	-	-
	12/19/2022	6:00	0.00	-	-	-	-	-
	1/12/2023	12:00	0.00	-	-	-	-	-
	2/10/2023	11:00	0.00	-	1.3	20.4	0.6	0.0
	9/6/2023	16:30	0.00	No	2.0	11.8	7.4	0.0
	12/1/2023	16:00	0.00	No	1.3	15.1	4.6	0.0
SVE-2	1/2/2020	10:30	0.00	-	184	20.4	0.6	0.0
	1/3/2020	12:25	0.06	-	-	-	-	-
	1/3/2020	14:00	0.17	-	4.4	18.1	2.1	0.0
	1/3/2020	16:00	-	-	-	18.1	2.2	0.0
	1/10/2020	13:00	0.10	-	-	-	-	-
	1/20/2020	14:30	0.18	-	-	-	-	-
	2/3/2020	14:30	0.12	Yes	2.2	20.9	0.1	0.0
	3/2/2020	12:30	0.12	-	4.8	18.6	2.1	0.0
	4/1/2020	14:00	0.08	-	2.1	18.6	1.9	0.0
	7/13/2020	14:00	0.12	-	1.7	18.9	2.3	0.0
	8/14/2020	13:50	0.04	No	-	-	-	-
	10/16/2020	10:30	0.02	No	1.0	18.0	3.1	0.0
	1/28/2021	12:00	0.06	No	1.6	19.8	0.7	0.0
	4/27/2021	12:30	0.04	No	1.4	19.3	1.4	0.0
	4/28/2021	10:30	0.05	No	-	-	-	-
	5/27/2021	13:00	0.10	No	0.7	20.8	0.1	0.0
	5/27/2021	14:30	0.02	-	1.3	20.7	0.1	0.0
	6/11/2021	11:30	0.00	-	1.9	-	-	-
	6/21/2021	12:30	0.00	-	2.6	-	-	-
	7/9/2021	10:00	0.00	-	1.3	16.9	3.4	0.0
	3/1/2022	13:30	0.05	No	1.6	17.8	2.0	0.0
	7/6/2022	13:00	0.00	-	2.5	-	-	-
	7/14/2022	12:00	0.00	-	1.2	16.7	2.9	0.0
	7/21/2022	11:00	0.00	-	2.0	-	-	-
	7/27/2022	8:30	0.00	-	1.8	16.9	2.7	0.0
	7/27/2022	11:30	0.10	-	1.9	16.7	2.7	0.0
	10/31/2022	12:30	0.05	-	-	-	-	-
	11/28/2022	12:30	0.10	-	-	-	-	-
	12/19/2022	6:00	0.10	-	-	-	-	-
	1/12/2023	12:00	0.10	-	-	-	-	-
	2/10/2023	11:00	0.00	-	1.0	18.7	1.2	0.0
	9/6/2023	16:30	0.00	No	1.7	16.4	3.0	0.0
	12/1/2023	16:00	0.00	No	1.9	17.3	2.4	0.0
SVE-3	1/2/2020	10:30	0.00	-	153	16.6	4.2	0.0
	1/3/2020	12:25	0.15	-	-	-	-	-
	1/3/2020	14:00	0.16	-	4.4	17.7	3.4	0.0
	1/3/2020	16:00	-	-	-	18.3	3.2	0.0
	1/10/2020	13:00	0.08	-	-	-	-	-
	1/20/2020	14:30	0.10	-	-	-	-	-

TABLE 2
Biodegradation Parameter and Zone of Influence Data

Plaid Pantry No. 112
Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
SVE-3 (cont'd)	2/3/2020	14:30	0.12	Yes	2.0	20.6	0.9	0.0
	3/2/2020	12:30	0.14	-	6.7	20.1	0.9	0.0
	4/1/2020	14:00	0.14	-	2.0	20.3	0.6	0.0
	7/13/2020	14:00	0.10	-	1.6	20.5	0.6	0.0
	8/14/2020	13:50	0.08	No	-	-	-	-
	10/16/2020	10:30	0.04	No	1.2	20.6	0.6	0.0
	1/28/2021	12:00	0.04	No	1.7	19.2	1.4	0.0
	4/27/2021	12:30	0.04	No	2.0	19.7	1.6	0.0
	4/28/2021	10:30	0.05	No	-	-	-	-
	5/27/2021	13:00	0.10	No	0.9	20.8	0.1	0.0
	5/27/2021	14:30	0.05	-	1.2	20.8	0.1	0.0
	6/11/2021	11:30	0.00	-	2.1	-	-	-
	6/21/2021	12:30	0.00	-	2.8	-	-	-
	7/9/2021	10:00	0.00	-	1.2	14.7	5.3	0.0
	3/1/2022	13:30	0.10	No	1.8	18.2	1.1	0.0
	7/6/2022	13:00	0.00	-	2.1	-	-	-
	7/14/2022	12:00	0.00	-	3.0	15.4	4.7	0.0
	7/21/2022	11:00	0.00	-	2.0	-	-	-
	7/27/2022	8:30	0.00	-	3.3	16.1	5.0	0.0
	7/27/2022	11:30	0.00	-	2.8	15.9	5.1	0.0
	10/31/2022	12:30	0.00	-	-	-	-	-
	11/28/2022	12:30	0.00	-	-	-	-	-
	12/19/2022	6:00	0.00	-	-	-	-	-
	1/12/2023	12:00	0.00	-	-	-	-	-
	2/10/2023	11:00	0.00	-	1.4	19.9	0.8	0.0
	9/6/2023	16:30	0.00	No	3.7	16.4	4.9	0.0
	12/1/2023	16:00	0.00	No	1.8	18.7	0.9	0.0
SVE-4	1/2/2020	10:30	0.00	-	52	19.2	1.5	0.0
	1/3/2020	12:25	0.02	-	-	-	-	-
	1/3/2020	14:00	0.00	-	2.9	18.1	1.9	0.0
	1/10/2020	13:00	0.12	-	-	-	-	-
	1/20/2020	14:30	0.12	-	-	-	-	-
	2/3/2020	14:30	0.08	No	1.5	20.6	0.3	0.0
	3/2/2020	12:30	0.06	-	5.8	19.0	1.5	0.0
	4/1/2020	14:00	0.08	-	1.6	19.0	0.4	0.0
	7/13/2020	14:00	0.06	-	2.1	19.9	0.9	0.0
	6/11/2021	11:30	0.00	-	1.4	-	-	-
	6/21/2021	12:30	0.00	-	2.2	-	-	-
	7/9/2021	10:00	0.00	-	5.0	17.5	2.8	0.0
	3/1/2022	13:30	0.00	-	4.2	18.0	1.9	0.0
	7/6/2022	13:00	0.00	-	4.5	-	-	-
	7/14/2022	12:00	0.00	-	4.0	17.1	2.6	0.0
	7/21/2022	11:00	0.00	-	4.1	-	-	-
	7/27/2022	8:30	0.00	-	4.4	17.3	2.0	0.0
	7/27/2022	11:30	0.00	-	4.0	17.2	1.8	0.0
	10/31/2022	12:30	0.00	-	-	-	-	-
	11/28/2022	12:30	0.00	-	-	-	-	-
	12/19/2022	6:00	0.00	-	-	-	-	-
	1/12/2023	12:00	0.00	-	-	-	-	-
	2/10/2023	11:00	0.00	-	3.8	18.1	1.6	0.0
	9/6/2023	16:30	0.00	No	4.9	17.6	1.7	0.0
	12/1/2023	16:00	0.00	No	3.6	1.4	1.4	0.0
SVE-5	1/2/2020	10:30	0.02	-	33	20.8	0.2	0.0

TABLE 2
Biodegradation Parameter and Zone of Influence Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
SVE-5 (cont'd)	1/3/2020	12:25	0.10	-	-	-	-	-
	1/3/2020	14:00	0.06	-	2.8	20.1	0.3	0.0
	1/10/2020	13:00	0.02	-	-	-	-	-
	1/20/2020	14:30	0.22	-	-	-	-	-
	2/3/2020	14:30	0+	No	1.4	17.8	1.8	0.0
	3/2/2020	12:30	0.04	-	4.4	18.2	1.2	0.0
	4/1/2020	14:00	0.10	-	1.8	17.9	0.7	0.0
	7/13/2020	14:00	0.10	-	3.0	20.4	0.4	0.0
	6/11/2021	11:30	0.00	-	1.4	-	-	-
	6/21/2021	12:30	0.00	-	2.1	-	-	-
	7/9/2021	10:00	0.00	-	4.6	18.7	1.5	0.0
	3/1/2022	13:30	0+	-	3.0	19.2	1.1	0.0
	7/6/2022	13:00	0.00	-	3.4	-	-	-
	7/14/2022	12:00	0.00	-	3.7	18.8	1.4	0.0
	7/21/2022	11:00	0.00	-	3.2	-	-	-
	7/27/2022	8:30	0.00	-	3.6	18.9	1.3	0.0
	7/27/2022	11:30	0.00	-	3.3	19.0	1.4	0.0
	10/31/2022	12:30	0.00	-	-	-	-	-
	11/28/2022	12:30	0.00	-	-	-	-	-
	12/19/2022	6:00	0.00	-	-	-	-	-
	1/12/2023	12:00	0.00	-	-	-	-	-
	2/10/2023	11:00	0.00	-	3.0	19.1	1.0	0.0
	9/6/2023	16:30	0.00	No	3.4	18.8	1.2	0.0
	12/1/2023	16:00	0.00	No	2.9	19.2	1.0	0.0
Vapor Monitoring Wells								
B-17	1/2/2020	10:30	0.00	-	27.5	8.9	9.1	0.0
	1/3/2020	12:25	1.20	-	-	-	-	-
	1/3/2020	14:00	1.10	-	3.0	19.4	2.8	0.0
	1/3/2020	16:00	-	-	-	20.9	0.5	0.0
	1/10/2020	13:00	0.88	-	-	-	-	-
	1/20/2020	14:30	0.60	-	-	-	-	-
	2/3/2020	14:30	0.94	Yes	3.7	20.1	1.3	0.0
	3/2/2020	12:30	1.3	-	3.6	20.4	0.7	0.0
	4/1/2020	14:00	1.1	-	1.8	20.2	0.8	0.0
	7/13/2020	14:00	1.2	-	2.3	20.8	1.3	0.0
	8/14/2020	13:50	1.6	Yes	-	-	-	-
	10/16/2020	10:30	1.0	Yes	1.0	20.4	0.8	0.0
	1/28/2021	12:00	2.2	Yes	1.4	20.2	0.3	0.0
	4/27/2021	12:30	0.40	Yes	1.0	20.4	0.4	0.0
	4/28/2021	10:30	1.6	Yes	-	-	-	-
	5/27/2021	13:00	1.9	Yes	0.8	19.9	0.7	0.0
	5/27/2021	14:30	0.15	-	0.9	19.9	0.7	0.0
	6/11/2021	11:30	0.00	-	1.4	-	-	-
	6/21/2021	12:30	0.00	-	2.7	-	-	-
	7/9/2021	10:00	0.00	-	2.9	9.8	6.9	0.0
	3/1/2022	13:30	1.8	Yes	2.2	10.3	7.2	0.0
	7/6/2022	13:00	0.00	No	2.6	-	-	-
	7/14/2022	12:00	1.4	Yes	2.0	10.5	7.4	0.0
	7/21/2022	11:00	1.6	Yes	2.5	-	-	-
	7/27/2022	8:30	1.4	Yes	2.6	11.0	7.3	0.0
	7/27/2022	11:30	1.5	Yes	2.6	10.6	7.4	0.0
	10/31/2022	12:30	1.8	Yes	-	-	-	-
	11/28/2022	12:30	2.0	Yes	-	-	-	-

TABLE 2
Biodegradation Parameter and Zone of Influence Data

Plaid Pantry No. 112
Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
B-17 (cont'd)	12/19/2022	6:00	1.8	Yes	-	-	-	-
	1/12/2023	12:00	1.8	Yes	-	-	-	-
	2/10/2023	11:00	2.8	Yes	1.7	20.4	0.4	0.0
	6/29/2023	12:00	1.0	Yes	1.4	21.0	0.1	0.0
	7/25/2023	8:30	1.5	Yes	5.5	-	-	-
	9/6/2023	16:30	1.6	Yes	2.7	13.1	5.6	0.0
	12/1/2023	16:00	1.8	Yes	2.8	17.5	1.3	0.0
B-18	1/2/2020	10:30	0.00	-	31	18.5	1.9	0.0
	1/3/2020	12:25	0.04	-	-	-	-	-
	1/3/2020	14:00	0.06	-	3.3	19.2	1.2	0.0
	1/3/2020	16:00	-	-	-	18.1	2.3	0.0
	1/10/2020	13:00	0.24	-	-	-	-	-
	1/20/2020	14:30	0.10	-	-	-	-	-
	2/3/2020	14:30	0.74	Yes	2.2	18.0	2.6	0.0
	3/2/2020	12:30	0.58	-	2.7	18.8	1.9	0.0
	4/1/2020	14:00	1.2	-	2.0	18.4	2.0	0.0
	7/13/2020	14:00	2.0	-	2.7	17.8	2.3	0.0
	8/14/2020	13:50	0.10	No	-	-	-	-
	10/16/2020	10:30	0.06	No	1.2	17.7	3.1	0.0
	1/28/2021	12:00	0.05	No	1.4	20.2	0.8	0.0
	4/27/2021	12:30	0.05	No	2.0	19.4	1.3	0.0
	4/28/2021	10:30	0.05	No	-	-	-	-
	5/27/2021	13:00	0.20	No	0.6	18.3	2.3	0.0
	5/27/2021	14:30	0.05	No	1.0	18.1	2.4	0.0
	6/11/2021	11:30	0.00	-	1.3	-	-	-
	6/21/2021	12:30	0.00	-	2.1	-	-	-
	7/9/2021	10:00	0.00	-	1.2	16.6	3.4	0.0
	3/1/2022	13:30	0.10	No	1.0	18.3	2.8	0.0
	7/6/2022	13:00	0.00	-	1.2	-	-	-
	7/14/2022	12:00	0.00	-	2.8	17.2	2.3	0.0
	7/21/2022	11:00	0.00	-	1.1	-	-	-
	7/27/2022	8:30	0.00	-	2.2	17.4	2.4	0.0
	7/27/2022	11:30	0.20	No	2.0	17.5	2.4	0.0
	10/31/2022	11:00	0.18	No	-	-	-	-
	11/28/2022	11:00	0.20	No	-	-	-	-
	12/19/2022	6:00	0.22	No	-	-	-	-
	1/12/2023	12:00	0.18	No	-	-	-	-
	2/10/2023	11:00	0.00	No	1.8	19.4	1.6	0.0
	6/29/2023	12:00	0.00	No	2.7	19.1	1.6	0.0
	7/25/2023	8:30	0.00	No	9.3	-	-	-
	9/6/2023	16:30	0.20	Yes	2.2	17.9	1.8	0.0
	12/1/2023	16:00	0.15	Yes	2.0	18.0	1.4	0.0
S-27	1/2/2020	10:30	0.00	-	42	19.7	0.8	0.0
	1/3/2020	12:25	0.13	-	-	-	-	-
	1/3/2020	14:00	0.12	-	3.4	20.3	0.9	0.0
	1/10/2020	13:00	0.04	-	-	-	-	-
	1/20/2020	14:30	0.04	-	-	-	-	-
	2/3/2020	14:30	0.04	No	1.9	20.8	0.4	0.0
	3/2/2020	12:30	0.00	-	3.9	20.7	0.4	0.0
	4/1/2020	14:00	0.00	-	2.9	19.6	0.6	0.0
	7/13/2020	14:00	0.00	-	3.1	19.8	0.9	0.0
S-28	1/2/2020	10:30	0.11	-	53	17.7	0.6	0.0

TABLE 2
Biodegradation Parameter and Zone of Influence Data
 Plaid Pantry No. 112
 Vancouver, Washington

Well ID	Date	Time	Vacuum (inches H ₂ O) ^a	Flow Observed (Yes/No) ^c	PID (ppmv) ^a	O ₂ (%) ^a	CO ₂ (%) ^a	CH ₄ (%) ^a
S-28 (cont'd)	1/3/2020	12:25	0+	-	-	-	-	-
	1/3/2020	14:00	0+	-	3.2	17.6	0.7	0.0
	1/10/2020	13:00	0+	-	-	-	-	-
	1/20/2020	14:30	0+	-	-	-	-	-
	2/3/2020	14:30	0+	-	-	-	-	-
S-30	1/10/2020	13:00	0.12	-	-	-	-	-
	1/17/2020	11:00	0.12	-	-	-	-	-
	1/20/2020	14:30	0.06	-	-	-	-	-
	2/3/2020	14:30	0.46	-	-	-	-	-
	3/2/2020	11:00	0.96	-	-	-	-	-
	4/1/2020	14:00	1.3	-	-	-	-	-
	7/13/2020	14:00	1.0	-	-	-	-	-
	7/25/2023	8:30	0.1	No	2.0	-	-	-

Notes:

^a Vacuum, PID and biodegradation parameters measured at wellhead unless otherwise indicated.

^b PID, O₂, CO₂, and CH₄ measured at SVE system manifold.

^c Qualitative field observation based on relative deflation rate of a 1-liter tedlar bag at the wellhead.

^d Well disabled.

* Water in line

Italics indicate measurements were collected while the SVE system was off for contaminant rebound monitoring

ppmv = parts per million vapor

- = Not measured

TABLE 3 SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³) Plaid Pantry No. 112 Vancouver, Washington																			
Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ²																			
MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
October 2012 SVE Pilot Test																			
SVE-1 START	10/04/2012	5-10	59,000,000	240,000	2,100,000	200,000	1,100,000	380,000	14,000 U	7,300 U	6,500 U	-	-	-	12,000 U	9,700 U	21,000 U	11,000 U	9,800 U
SVE-1 STOP	10/04/2012	5-10	74,000,000	330,000	3,400,000	490,000	2,800,000	1,000,000	19,000 U	10,000 U	8,900 U	-	-	-	17,000 U	13,000 U	29,000 U	16,000 U	13,000 U
SVE-2 START	10/05/2012	5-10	20,000	50	1,100	230	1,200	460	91 U	48 U	43 U	-	-	-	120	64 U	140 U	75 U	65 U
SVE-2 STOP	10/05/2012	5-10	42,000	36	1,300	410	3,000	1,200	18 U	9.3 U	8.3 U	-	-	-	130	12 U	27 U	18	12 U
On-Property SVE Wells																			
SVE-1	08/22/2013	5-10	11,000,000	97,000	350,000	15,000	82,000	25,000	2,400 U	1,200 U	1,100 U	-	-	-	2,100 U	1,600 U	6,900	1,900 U	1,700 U
	12/04/2013	5-10	2,000,000	360 U	2,000	2,200	62,000	31,000	860 U	450 U	400 U	-	-	-	760 U	600 U	1,300 U	700 U	610 U
	02/10/2014	5-10	1,600,000	710	3,300	3,600	38,000	15,000	710 U	370 U	330 U	-	-	-	630 U	500 U	1,100 U	580 U	500 U
	05/08/2014	5-10	2,100,000	220	1,100	3,400	60,000	34,000	460 U	240 U	220 U	-	-	-	410 U	320 U	710 U	380 U	330 U
	08/08/2014	5-10	420,000	40 U	96	77	3,700	3,300	95 U	50 U	45 U	-	-	-	620	73	150 U	78 U	68 U
	11/14/2014	5-10	460,000 ^a	65	44 U	50 U	50 U	50 U	90 U	47 U	42 U	-	-	-	79 U	63 U	140 U	73 U	64 U
	02/06/2015	5-10	65,000	77 U	91 U	100 U	100 U	100 U	190 U	98 U	87 U	510 U	-	-	160 U	130 U	290 U	150 U	130 U
	03/06/2015	5-10	660	3.8 U	13	5.2	11	5.2 U	9.2 U	4.8 U	4.3 U	25 U	-	-	580	6.4 U	14 U	7.6 U	6.5 U
	06/19/2015	5-10	3,300	4.2 U	8.0	5.8 U	5.8 U	5.8 U	10 U	5.4 U	4.8 U	14 U	-	-	67	7.1 U	17	8.3 U	7.2 U
	08/18/2015	5-10	8,600	19	71	6.8	27	11	10 U	5.5 U	4.9 U	14 U	-	-	160	7.3 U	24	8.6 U	7.4 U
	11/20/2015	5-10	140,000	140	100 U	120 U	120 U	120 U	-	-	-	570 U	-	-	-	-	-	-	-
	03/16/2016	5-10	3,200	12	14 U	16 U	16 U	16 U	-	-	-	39 U	-	-	-	-	-	-	-
	04/01/2016	5-10	780 U	6.0 U	7.1 U	8.2 U	8.2 U	8.2 U	-	-	-	40 U	-	-	-	-	-	-	-
	04/13/2016	5-10	1,800	4.2 U	5.0 U	5.7 U	5.7 U	5.7 U	-	-	-	14 U	-	-	-	-	-	-	-
	07/12/2016	5-10	650	4.0 U	4.8 U	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/21/2016	5-10	11,000	70	140	13	28	22	-	-	-	27 U	-	-	1,200	-	-	-	-
	01/30/2017	5-10	3,100,000 ^a	190 U	230 U	260 U	260 U	260 U	-	-	-	1,300 U	-	-	-	-	-	-	-
	03/21/2017	5-10	550 U	4.3 UJ	37 J	5.8 U	7.2	5.8 U	-	-	-	14 U	-	-	-	-	-	-	-
	04/13/2017	5-10	11,000	120	120	55	360	330	-	-	-	14 U	-	-	-	-	-	-	-
	07/06/2017	5-10	16,000	4.3 U	16	5.8 U	12	5.8 U	-	-	-	14 U	-	-	-	-	-	-	-
	10/28/2017	5-10	20,000 ^a	4.3	10	5.7 U	6.4	5.7 U	-	-	-	14 U	-	-	-	-	-	-	-
	02/13/2018	5-10	5,700	3.8 U	4.5 U	5.2 U	6.0	5.2 U	-	-	-	12 U	-	-	-	-	-	-	-
	04/27/2018	5-10	740 ^a	3.8 U	4.4 U	5.1 U	5.1 U	5.1 U	-	-	-	12 U	-	-	-	-	-	-	-
	07/06/2018	5-10	1,000	4.0 U	7.0	5.4 U	14	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/04/2018	5-10	1,400	4.0 U	19	5.4 U	11	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
SVE-2	08/22/2013	15-20	250 U	3.9 U	4.6 U	5.3 U	5.3 U	5.3 U	9.4 U	5.0 U	4.4 U	-	-	-	14	6.6 U	290	7.7 U	6.7 U
	03/07/2014	15-20	560	4.0 U	4.7 U	5.4 U	5.6	5.4 U	9.6 U	5.1 U	4.5 U	-	-	-	94	6.7 U	86	7.9 U	6.8 U
	05/08/2014	15-20	1,600 U	26 U	30 U	35 U	35 U	35 U	62 U	32 U	29 U	-	-	-	87	43 U	95 U	51 U	44 U
	08/08/2014	15-20	1,700	3.9 U	17	5.3 U	16	6.6	9.3 U	4.9 U	4.4 U	-	-	-	170	20	28	7.6 U	6.6 U
	11/14/2014	15-20	240 U	3.8 U	4.5 U	5.2 U	6.7	5.2 U	9.1 U	4.8 U	4.3 U	-	-	-	26	6.4 U	14	7.5 U	6.5 U
	02/06/2015	15-20	520 U	4.0 U	4.8	5.5 U	5.5 U	5.5 U	9.7 U	5.1 U	4.5 U	26 U	-	-	23	6.8 U	15 U	7.9 U	6.9 U
	03/06/2015	15-20	510 U	4.0 U	4.8	5.4 U	5.9	5.4 U	9.6 U	5.0 U	4.5 U	26 U	-	-	98	6.7 U	15 U	7.9 U	6.8 U
	06/19/2015	15-20	530 U	4.2 U	4.9 U	5.6 U	5.6 U	5.6 U	10 U	5.3 U	4.7 U	14 U	-	-	20	7.0 U	15 U	8.2 U	7.1 U
	08/18/2015	15-20	550 U	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	10 U	5.5 U	4.9 U	14 U	-	-	64	7.2 U	16 U	8.5 U	7.4 U
	11/20/2015	15-20	540 U	4.2 U	4.9 U	5.7 U	5.7 U	5.7 U	-	-	-	27 U	-	-	-	-	-	-	-
	03/16/2016	15-20	940 U	7.4 U	8.7 U	10 U	10 U	10 U	-	-	-	24 U	-	-	-	-	-	-	-
	04/01/2016	15-20	550 U	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	-	-	-	28 U	-	-	-	-	-	-	-
	04/13/2016	15-20	580 U	4.5 U	5.3 U	6.1 U	6.1 U	6.1 U	-	-	-	15 U	-	-	-	-	-	-	-
	07/12/2016	15-20	510 U	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/21/2016	15-20	500 U	3.9 U	4.6 U	5.4 U	5.4 U	5.4 U	-	-	-	26 U	-	-	220	-	-	-	-
	01/30/2017	15-20	490 U	3.9 U	4.6 U	5.2 U	5.2 U	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/13/2017	15-20	600 U	4.7 U	42	6.4 U	9.5	6.4 U	-	-	-	15 U	-	-	-	-	-	-	-
	07/06/2017	15-20	1,600	4.2 U	19	5.7 U	12	5.7 U	-	-	-	14 U	-	-	-	-	-	-	-

TABLE 3
SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³)
Plaid Pantry No. 112
Vancouver, Washington

Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ²																			
MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
SVE-2 (cont'd)	10/28/2017	15-20	490 U	3.8 U	6.9	5.2 U	5.2	5.2 U	-	-	-	12 U	-	-	-	-	-	-	-
	04/27/2018	15-20	490 U	3.9 U	4.6 U	5.2 U	5.2 U	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/06/2018	15-20	510 U	4.0 U	4.7 U	5.4 U	5.6	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/04/2018	15-20	510 U	4.0 U	17	5.4 U	11	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
SVE-3	08/22/2013	5-10	16,000	55	15	5.3 U	8.3	5.3 U	9.4 U	4.9 U	4.4 U	-	-	-	8.3 U	6.6 U	1,600 E	7.7 U	6.6 U
	12/04/2013	5-10	160,000	72	720	57	730	360	9.1 U	4.8 U	4.3 U	-	-	-	8.1 U	6.4 U	38	7.5 U	6.5 U
	02/10/2014	5-10	91,000	36	130	30	240	150	35 U	19 U	16 U	-	-	-	31 U	25 U	54 U	29 U	25 U
	05/08/2014	5-10	1,300 U	20 U	24 U	27 U	27 U	27 U	48 U	25 U	23 U	-	-	-	43 U	34 U	74 U	40 U	34 U
	08/08/2014	5-10	1,600	4.0 U	17	5.5 U	16	6.7	9.8 U	5.1 U	4.6 U	-	-	-	8.6 U	6.8 U	25	8.0 U	6.9 U
	11/14/2014	5-10	240 U	3.7 U	4.4 U	5.0 U	5.0 U	5.0 U	8.9 U	4.7 U	4.2 U	-	-	-	8.8	6.2 U	14 U	7.3 U	6.3 U
	02/06/2015	5-10	380,000	80 U	95 U	110 U	110 U	110 U	190 U	100 U	91 U	530 U	-	-	170 U	140 U	300 U	160 U	140 U
	03/06/2015	5-10	25,000	4.0 U	5.7	5.4 U	5.9	5.4 U	9.6 U	5.1 U	4.5 U	26 U	-	-	8.5 U	6.7 U	15 U	7.9 U	6.8 U
	06/19/2015	5-10	1,000	4.2 U	5.4	5.8 U	5.8 U	5.8 U	10 U	5.4 U	4.8 U	14 U	-	-	9.0 U	7.1 U	16 U	8.4 U	7.2 U
	08/18/2015	5-10	3,600	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	10 U	5.5 U	4.9 U	14 U	-	-	9.2 U	7.3 U	23	8.6 U	7.4 U
	11/20/2015	5-10	2,000	3.8 U	12	5.2 U	5.2 U	5.2 U	-	-	-	25 U	-	-	-	-	-	-	-
	03/16/2016	5-10	99,000	700	7,800	360	1,300	510	-	-	-	54 U	-	-	-	-	-	-	-
	04/01/2016	5-10	1,600	4.4 U	5.2 U	6.0 U	6.0 U	6.0 U	-	-	-	29 U	-	-	-	-	-	-	-
	04/13/2016	5-10	5,300	12	160	17	74	97	-	-	-	14 U	-	-	-	-	-	-	-
	07/12/2016	5-10	740	4.1 U	4.8 U	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/21/2016	5-10	4,900	4.5 U	7.0	6.1 U	6.1 U	6.1 U	-	-	-	30 U	-	-	9.6 U	-	-	-	-
	01/30/2017	5-10	1,700	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/13/2017	5-10	1,200	4.0 U	30	5.4 U	6.6	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/06/2017 ^d	5-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/28/2017	5-10	1,200	3.4 U	9.1	4.7 U	6.2	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	02/13/2018	5-10	520 U	4.0 U	5.4	5.5 U	6.7	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/27/2018	5-10	480 U	3.7 U	4.4 U	5.0 U	5.0 U	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
	07/06/2018	5-10	570	4.0 U	5.9	5.5 U	11	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/04/2018	5-10	530	3.8 U	14	5.1 U	11	5.1 U	-	-	-	12 U	-	-	-	-	-	-	-
SVE-4	08/22/2013	15-20	250 U	3.9 U	4.6 U	5.3 U	5.3 U	5.3 U	9.4 U	5.0 U	4.4 U	-	-	-	8.5	6.6 U	450	7.7 U	6.7 U
	12/04/2013	15-20	53,000	15 U	460	21 U	21 U	21 U	36 U	19 U	17 U	-	-	-	3,600	26 U	56 U	30 U	26 U
	03/07/2014	15-20	670	4.0 U	4.7 U	5.4 U	6.5	5.4 U	9.5 U	5.0 U	4.5 U	-	-	-	1,200	6.7 U	21	7.8 U	6.8 U
	05/08/2014	15-20	950 U	15 U	18 U	20 U	20 U	20 U	36 U	19 U	17 U	-	-	-	2,700	25 U	55 U	29 U	25 U
	08/08/2014	15-20	2,700	4.0 U	35	6.7	24	8.7	9.6 U	5.0 U	4.5 U	-	-	-	3,200	6.7 U	46	7.9 U	6.8 U
	11/14/2014	15-20	240 U	3.8 U	4.5 U	5.2 U	6.0	5.2 U	9.2 U	4.8 U	4.3 U	-	-	-	130	6.4 U	14 U	7.5 U	6.5 U
	02/06/2015	15-20	140,000	79 U	93 U	110 U	110 U	110 U	190 U	100 U	89 U	520 U	-	-	220	130 U	290 U	160 U	130 U
	03/06/2015	15-20	520 U	4.0 U	4.7 U	5.5 U	5.5 U	5.5 U	9.7 U	5.1 U	4.5 U	26 U	-	-	2,500	6.8 U	15 U	7.9 U	6.9 U
	06/19/2015	15-20	540 U	4.2 U	5.0	5.7 U	5.7 U	5.7 U	10 U	5.3 U	4.8 U	14 U	-	-	400	7.1 U	16 U	8.3 U	7.2 U
	08/18/2015	15-20	520 U	4.1 U	4.8 U	5.6 U	5.6 U	5.6 U	9.9 U	5.2 U	4.6 U	13 U	-	-	19	6.9 U	15 U	8.1 U	7.0 U
	11/20/2015	15-20	510 U	4.0 U	5.0	5.4 U	5.4 U	5.4 U	-	-	-	26 U	-	-	-	-	-	-	-
	03/16/2016	15-20	530 U	4.2 U	4.9 U	5.7 U	5.7 U	5.7 U	-	-	-	14 U	-	-	-	-	-	-	-
	04/01/2016	15-20	550 U	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	-	-	-	28 U	-	-	-	-	-	-	-
	04/13/2016	15-20	980	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	-	-	-	14 U	-	-	-	-	-	-	-
	07/12/2016	15-20	520 U	4.0 U	4.8 U	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/21/2016	15-20	850 U	6.7 U	22	9.1 U	10	9.1 U	-	-	-	44 U	-	-	4,000	-	-	-	-
	01/30/2017	15-20	39,000	40 U	47 U	55 U	55 U	55 U	-	-	-	130 U	-	-	-	-	-	-	-
	04/13/2017	15-20	6,500	3.7 U	37	5.0 U	10	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
	07/06/2017	15-20	24,000	17 U	20 U	23 U	23 U	23 U	-	-	-	55 U	-	-	-	-	-	-	-
	10/28/2017	15-20	3,600	3.6 U	24	5.0 U	6.7	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
	02/13/2018	15-20	11,000	3.9 U	7.9	5.3 U	6.6	5.3 U	-	-	-	13 U	-	-	-	-	-	-	-

TABLE 3
SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³)
Plaid Pantry No. 112
Vancouver, Washington

Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ²																			
MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
SVE-4 (cont'd)	04/27/2018	15-20	5,700 ^a	3.9 U	4.6 U	5.4 U	5.4 U	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/06/2018	15-20	610	4.0 U	7.8	5.5 U	12	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/04/2018	15-20	500 U	3.9 U	12	5.3 U	8.0	5.3 U	-	-	-	13 U	-	-	-	-	-	-	-
SVE-5	08/22/2013	5-10	8,600	17 U	20 U	23 U	23 U	23 U	41 U	21 U	19 U	-	-	-	36 U	28 U	4,500	33 U	29 U
	12/04/2013	5-10	8,100	19	640	53	180	92	8.8 U	4.6 U	4.1 U	-	-	-	18	6.2 U	20	7.2 U	6.2 U
	02/10/2014	5-10	110,000	4,000	8,400	810	2,800	970	71 U	38 U	34 U	-	-	-	63 U	50 U	110 U	58 U	51 U
	05/08/2014	5-10	3,200 U	51 U	60 U	69 U	69 U	69 U	120 U	64 U	57 U	-	-	-	280	85 U	200	100 U	86 U
	08/08/2014	5-10	2,000	4.1 U	18	5.6 U	18	7.8	9.8 U	5.2 U	4.6 U	-	-	-	8.7 U	6.9 U	37	8.0 U	7.0 U
	11/14/2014	5-10	230 U	3.6 U	4.3 U	5.0 U	13	5.0 U	8.8 U	4.6 U	4.1 U	-	-	-	87	6.2 U	14 U	7.2 U	6.2 U
	02/06/2015	5-10	74,000	41 U	49 U	56 U	56 U	56 U	99 U	52 U	46 U	270 U	-	-	88 U	69 U	150 U	81 U	70 U
	03/06/2015	5-10	41,000	13	990	69	760	330	14 U	7.6 U	6.8 U	39 U	-	-	13 U	10 U	22 U	12 U	10 U
	06/19/2015	5-10	560 U	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	10 U	5.5 U	4.9 U	14 U	-	-	9.2 U	7.3 U	18	8.6 U	7.4 U
	08/18/2015	5-10	530 U	4.1 U	4.9 U	5.6 U	5.6 U	5.6 U	9.9 U	5.2 U	4.6 U	14 U	-	-	8.8 U	6.9 U	21	8.1 U	7.0 U
	11/20/2015	5-10	510 U	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	-	-	-	26 U	-	-	-	-	-	-	-
	03/16/2016	5-10	1,300 U	9.8 U	12 U	13 U	13 U	13 U	-	-	-	32 U	-	-	-	-	-	-	-
	04/01/2016	5-10	37,000	760	1,200	40	170	67	-	-	-	26 U	-	-	-	-	-	-	-
	04/13/2016	5-10	1,900	4.4 U	5.2	6.0 U	82	100	-	-	-	14 U	-	-	-	-	-	-	-
	07/12/2016	5-10	940	3.8 U	7.1	5.2 U	10	12	-	-	-	12 U	-	-	-	-	-	-	-
	10/21/2016	5-10	830 U	6.5 U	8.6	8.8 U	8.8 U	8.8 U	-	-	-	42 U	-	-	4,200	-	-	-	-
	01/30/2017	5-10	31,000	26 U	31 U	36 U	36 U	36 U	-	-	-	86 U	-	-	-	-	-	-	-
	04/13/2017	5-10	5,700	3.8 U	33	5.2 U	8.9	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/06/2017	5-10	360,000	140	4,300	1,400	9,000	4,600	-	-	-	66 U	-	-	-	-	-	-	-
	10/28/2017	5-10	1,900	4.4 U	8.2	6.0 U	6.0 U	6.0 U	-	-	-	14 U	-	-	-	-	-	-	-
	02/13/2018	5-10	10,000	4.0 U	40	5.4 U	6.3	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/27/2018	5-10	500 U	3.9 U	4.6 U	5.3 U	5.5	5.3 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/06/2018	5-10	520 U	4.0 U	4.8 U	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	10/04/2018	5-10	540 U	4.2 U	5.0 U	5.7 U	5.7 U	5.7 U	-	-	-	14 U	-	-	-	-	-	-	-
Off-Property SVE Wells																			
SVE-6	01/03/2020	10	1,900,000	100 U	120 U	140 U	140 U	140 U	-	-	-	680 U	-	-	-	-	-	-	-
	01/10/2020	10	170,000	39 U	46 U	52 U	52 U	52 U	-	-	-	250 U	-	-	-	-	-	-	-
	01/20/2020	10	740,000	67 U	79 U	91 U	91 U	91 U	-	-	-	220 U	-	-	-	-	-	-	-
	02/03/2020	10	130,000	52 U	62 U	71 U	71 U	71 U	-	-	-	170 U	-	-	-	-	-	-	-
	03/02/2020	10	490 U	3.8 U	4.5 U	5.2 U	5.2 U	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/01/2020	10	490 U	3.8 U	4.5 U	5.2 U	5.2 U	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/13/2020	10	1,600	4.1 U	14	18	66	34	-	-	-	14 U	-	-	-	-	-	-	-
	10/16/2020	10	1,100 U	8.4 U	9.9 U	11 U	11 U	11 U	-	-	-	28 U	-	-	-	-	-	-	-
	01/28/2021	10	510 U	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/28/2021	10	420 U	3.2 U	3.8 U	4.4 U	4.4 U	4.4 U	-	-	-	11 U	-	-	-	-	-	-	-
	05/27/2021 ^f	10	450 U	3.5 U	4.1 U	4.8 U	4.8 U	4.8 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/09/2021 ^f	10	1,100 ^a	32	33	4.5 U	4.5 U	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/09/2021	10	440 U	3.5 U	4.1 U	4.7 U	4.7 U	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/24/2021	10	430 U	3.4 U	4.0 U	4.6 U	4.6 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/06/2021	10	420 U	3.2 U	3.8 U	4.4 U	4.4 U	4.4 U	-	-	-	11 U	-	-	-	-	-	-	-
	03/01/2022	10	420 U	3.3 U	3.9 U	4.5 U	5.0	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/27/2022 ^f	10	3,300 U	3.2 U	190 U	4.3 U	8.7 U	4.3 U	-	-	-	2.6 U	-	-	-	-	-	-	-
	07/27/2022 ^f	10	4,500	25	420	17	45	12	-	-	-	2.6 U	-	-	-	-	-	-	-
	08/25/2022	10	5,300	3.2 U	190 U	4.3 U	8.7 U	4.3 U	-	-	-	2.1 U ^g	-	-	-	- ^g	-	-	-
	09/30/2022	10	1,900 U	1.9 U	110 U	2.6 U	5.1 U	2.6 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	10/31/2022	10	2,700	2.0 U	120 U	2.7 U	5.5 U	2.7 U	-	-	-	1.7 U	-	-	-	-	-	-	-

TABLE 3
SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³)
Plaid Pantry No. 112
Vancouver, Washington

Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ²																			
MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
SVE-6 (cont'd)	11/28/2022	10	1,900 U	1.9 U	110 U	2.5 U	5.0 U	2.5 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	12/19/2022	10	1,800 U	1.7 U	100 U	2.3 U	4.7 U	2.3 U	-	-	-	1.4 U	-	-	-	-	-	-	-
	01/12/2023	10	1,700 U	1.7 U	100 U	2.3 U	4.6 U	2.3 U	-	-	-	1.4 U	-	-	-	-	-	-	-
	02/20/2023	10	6,000	1.8 U	100 U	2.4 U	4.8 U	2.4 U	-	-	-	1.4 U	-	-	-	-	-	-	-
	03/15/2023	10	1,900 U	1.9 U	110 U	2.5 U	6.6	2.6	-	-	-	1.5 U	-	-	-	-	-	-	-
	06/29/2023	10	2,100 U	2.1 U	49 U	2.8 U	5.6 U	2.8 U	-	-	-	1.7 U	-	-	-	-	-	-	-
	09/06/2023	10	2,100	3.6 U	8.5 U	4.9 U	9.8 U	4.9 U	-	-	-	12 U	-	-	-	-	-	-	-
	09/06/2023	10	2,600	3.7 U	8.7 U	5.0 U	10 U	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
	10/07/2023	10	980	3.2 U	7.6 U	4.4 U	8.8 U	4.4 U	-	-	-	10 U	-	-	-	-	-	-	-
	12/01/2023	10	430 U	3.3 U	7.9 U	4.5 U	9.1 U	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/01/2023	10	390 U	3.0 U	7.2 U	4.1 U	8.3 U	4.1 U	-	-	-	10 U	-	-	-	-	-	-	-
SVE-7	01/03/2020	8	2,200,000	140 U	160 U	190 U	190 U	190 U	-	-	-	900 U	-	-	-	-	-	-	-
	01/10/2020	8	1,800,000	36 U	43 U	50 U	50 U	50 U	-	-	-	240 U	-	-	-	-	-	-	-
	01/20/2020	8	900,000	9.9 U	12 U	13 U	13 U	13 U	-	-	-	32 U	-	-	-	-	-	-	-
	02/03/2020	8	820,000	53 U	63 U	72 U	72 U	72 U	-	-	-	180 U	-	-	-	-	-	-	-
	03/02/2020	8	82,000	78 U	92 U	100 U	100 U	100 U	-	-	-	260 U	-	-	-	-	-	-	-
	04/01/2020	8	30,000	3.9 U	4.6 U	5.2 U	5.2 U	5.2 U	-	-	-	13 U	-	-	-	-	-	-	-
	07/13/2020	8	33,000	4.1 U	14	25	100	52	-	-	-	14 U	-	-	-	-	-	-	-
	10/16/2020	8	4,000	4.3 U	6.0	5.8 U	5.8 U	5.8 U	-	-	-	14 U	-	-	-	-	-	-	-
	01/28/2021	8	520 U	4.0 U	4.8 U	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/28/2021	8	400 U	3.2 U	3.7 U	4.3 U	4.3 U	4.3 U	-	-	-	10 U	-	-	-	-	-	-	-
	05/27/2021 ^f	8	420 U	3.3 U	3.9 U	4.5 U	4.5 U	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/09/2021 ^f	8	780 ^a	4.1	4.1	4.8 U	4.8 U	4.8 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/09/2021	8	3,000	3.4 U	4.0 U	4.6 U	4.6 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/24/2021	8	440 U	3.4 U	4.0 U	4.6 U	4.6 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/06/2021	8	650,000	110 U	130 U	150 U	150 U	150 U	-	-	-	710 U	-	-	-	-	-	-	-
	03/01/2022	8	410 U	3.2 U	8.5	4.4 U	6.0	4.4 U	-	-	-	10 U	-	-	-	-	-	-	-
	07/27/2022 ^f	8	3,600 U	3.5 U	210 U	4.8 U	9.6 U	4.8 U	-	-	-	2.9 U	-	-	-	-	-	-	-
	07/27/2022 ^f	8	2,300 U	2.2 U	130 U	3.0 U	6.1 U	3.0 U	-	-	-	1.8 U	-	-	-	-	-	-	-
	08/25/2022	8	6,500	3.5 U	210 U	4.8 U	9.6 U	4.8 U	-	-	-	2.3 U ^g	-	-	-	-	-	-	-
	09/30/2022	8	1,800 U	1.8 U	110 U	2.4 U	4.9 U	2.4 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	10/31/2022	8	11,000	5.8 U	340 U	7.8 U	16 U	7.8 U	-	-	-	4.7 U	-	-	-	-	-	-	-
	11/28/2022	8	360,000 U	350 U	21,000 U	480 U	960 U	480 U	-	-	-	290 U	480,000 ⁱ	47,000	-	-	-	-	-
	12/19/2022	8	360,000 U	350 U	21,000 U	480 U	960 U	480 U	-	-	-	290 U	450,000 ⁱ	36,000	-	-	-	-	-
	01/12/2023	8	3,100	2.7 U	160 U	3.7 U	7.5 U	3.7 U	-	-	-	2.3 U	-	-	-	-	-	-	-
	02/10/2023	8	6,000	1.8 U	100 U	2.4 U	4.8 U	2.4 U	-	-	-	1.4 U	-	-	-	-	-	-	-
	03/15/2023	8	5,800	5.4 U	320 U	7.4 U	15.0 U	7.4 U	-	-	-	4.5 U	-	-	-	-	-	-	-
	6/29/2023	8	2,100	2.0 U	48 U	2.8 U	5.6 U	2.8 U	-	-	-	1.7 U	-	-	-	-	-	-	-
	09/06/2023	8	440 U	3.5 U	8.2 U	4.7 U	9.5 U	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	09/06/2023	8	3,900	3.7 U	8.8 U	5.0 U	10 U	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
	10/07/2023	8	7,800	3.5 U	220	17	63	11	-	-	-	11 U	-	-	-	-	-	-	-
	12/01/2023	8	420 U	3.3 U	7.7 U	4.4 U	8.9 U	4.4 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/01/2023	8	410 U	3.2 U	7.6 U	4.4 U	8.8 U	4.4 U	-	-	-	10 U	-	-	-	-	-	-	-
	01/03/2024	8	2,800	3.6 U	8.6 U	4.9 U	9.9 U	5.0 U	-	-	-	12 U	-	-	-	-	-	-	-
SVE-8	01/03/2020	10	7,000,000	130 U	160 U	180 U	180 U	180 U	-	-	-	880 U	-	-	-	-	-	-	-
	01/10/2020	10	5,300,000	39 U	46 U	54 U	54 U	54 U	-	-	-	260 U	-	-	-	-	-	-	-
	01/20/2020	10	2,900,000	27 U	32 U	36 U	36 U	36 U	-	-	-	88 U	-	-	-	-	-	-	-
	02/03/2020	10	1,400,000	52 U	61 U	70 U	70 U	70 U	-	-	-	170 U	-	-	-	-	-	-	-
	03/02/2020	10	150,000	78 U	92 U	100 U	100 U	100 U	-	-	-	260 U	-	-	-	-	-	-	-

TABLE 3 SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³) Plaid Pantry No. 112 Vancouver, Washington																			
Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ² MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
SVE-8 (cont'd)	04/01/2020	10	140,000	7.7 U	9.1 U	10 U	10 U	10 U	-	-	-	25 U	-	-	-	-	-	-	-
	07/13/2020	10	150,000	4.0 U	16	27	100	56	-	-	-	13 U	-	-	-	-	-	-	-
	10/16/2020	10	13,000	3.9 U	5.6	5.3 U	5.3 U	5.3 U	-	-	-	13 U	-	-	-	-	-	-	-
	01/28/2021	10	510 U	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/27/2021	10	430 U	3.3 U	3.9 U	4.5 U	4.5 U	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
	05/27/2021 ^f	10	3,300	3.4 U	4.0 U	4.7 U	4.7 U	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/09/2021 ^f	10	5,700 ^{a,e}	4.7 U	5.5 U	6.4 U	6.4 U	6.4 U	-	-	-	15 U	-	-	-	-	-	-	-
	07/09/2021	10	32,000	3.5 U	4.1 U	4.8 U	4.8 U	4.8 U	-	-	-	11 U	-	-	-	-	-	-	-
	07/24/2021	10	8,200	3.4 U	4.0 U	4.6 U	4.6 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/06/2021	10	410 U	3.2 U	3.7 U	4.3 U	4.3 U	4.3 U	-	-	-	10 U	-	-	-	-	-	-	-
	03/01/2022	10	400 U	3.2 U	3.7 U	4.3 U	4.3 U	4.3 U	-	-	-	10 U	-	-	-	-	-	-	-
	07/27/2022 ^f	10	3,300 U	14	190 U	9.5	8.7 U	4.3 U	-	-	-	2.6 U	-	-	-	-	-	-	-
	07/27/2022 ^f	10	3,300 U	3.2 U	190 U	4.3 U	8.7 U	4.3 U	-	-	-	2.6 U	-	-	-	-	-	-	-
	08/25/2022	10	7,800	3.5 U	210 U	4.8 U	9.6 U	4.8 U	-	-	-	2.3 U ^g	-	-	-	-	-	-	-
	09/30/2022	10	2,000 U	1.9 U	110 U	2.6 U	5.2 U	2.6 U	-	-	-	1.6 U	-	-	-	-	-	-	-
	10/31/2022	10	3,000	1.9 U	110 U	2.6 U	5.1 U	2.6 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	11/28/2022	10	2,900 U	2.8 U	170 U	3.8 U	7.6 U	3.8 U	-	-	-	2.3 U	-	-	-	-	-	-	-
	12/19/2022	10	1,800 U	1.7 U	100 U	2.3 U	4.7 U	2.3 U	-	-	-	1.4 U	-	-	-	-	-	-	-
	01/12/2023	10	1,900 U	1.9 U	110 U	2.6 U	5.3 U	2.6 U	-	-	-	1.6 U	-	-	-	-	-	-	-
	02/10/2023	10	1,900 U	1.9 U	110 U	2.5 U	5.0 U	2.5 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	03/15/2023	10	1,800 U	1.8 U	110 U	2.4 U	6.0	2.4 U	-	-	-	1.5 U	-	-	-	-	-	-	-
	06/29/2023	10	2,000 U	1.9 U	46 U	2.6 U	5.3 U	2.6 U	-	-	-	1.6 U	-	-	-	-	-	-	-
	09/06/2023	10	1,600	4.3	14	4.6 U	9.3 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	09/06/2023	10	1,800	3.5 U	8.2 U	4.7 U	9.4 U	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	10/07/2023	10	2,200	4.0	8.3 U	4.8 U	9.6 U	4.8 U	-	-	-	12 U	-	-	-	-	-	-	-
	12/01/2023	10	24,000	3.9	8.2 U	4.7 U	9.4 U	4.7 U	-	-	-	11 U	-	-	-	-	-	-	-
	12/01/2023	10	440 U	3.4 U	8.0 U	4.6 U	9.2 U	4.6 U	-	-	-	11 U	-	-	-	-	-	-	-
	01/03/2024	10	450 U	3.5 U	8.4	6.8	17	4.8 U	-	-	-	11 U	-	-	-	-	-	-	-
Off-Property Vapor Monitoring Wells																			
B-17	06/29/2023	10	2,000 U	1.9 U	45 U	2.6 U	5.2 U	2.6 U	-	-	-	1.6 U	-	-	-	-	-	-	-
	12/01/2023	10	420 U	3.3 U	7.8 U	4.5 U	9.0 U	4.5 U	-	-	-	11 U	-	-	-	-	-	-	-
B-18	06/29/2023	20	3,400	1.9 U	44 U	2.6 U	5.1 U	2.6 U	-	-	-	1.6	-	-	-	-	-	-	-
	12/01/2023	20	410 U	3.2 U	7.5 U	4.3 U	8.7 U	4.3 U	-	-	-	10 U	-	-	-	-	-	-	-
System Totals ^h																			
SVE Blower Inlet	08/22/2013	NA	160,000	2,100	2,100	65	290	85	92 U	48 U	43 U	-	-	-	81 U	64 U	140 U	76 U	65 U
	09/27/2013	NA	24,000	95	92	5.2	18	5.2 U	9.2 U	4.8 U	4.3 U	-	-	-	8.1 U	6.4 U	14 U	7.5 U	6.5 U
	11/01/2013	NA	68,000	200	1,200	450	2,200	630	18 U	9.7 U	8.6 U	-	-	-	300	13 U	28 U	15 U	13 U
	12/04/2013	NA	26,000	12	1,500	16	130	52	8.8 U	4.6 U	4.1 U	-	-	-	1,200	6.2 U	14 U	7.2 U	6.2 U
	03/07/2014	NA	50,000	8.3	65	70	1,100	470	18 U	9.7 U	8.6 U	-	-	-	410	13 U	28 U	15 U	13 U
	05/08/2014	NA	24,000	39 U	46 U	54 U	510	290	95 U	50 U	44 U	-	-	-	1,200	66 U	140 U	78 U	67 U
	08/08/2014	NA	25,000	3.8 U	35	8.3	130	100	9.1 U	4.8 U	4.2 U	-	-	-	1,200	9.4	21	7.4 U	6.4 U
	11/14/2014	NA	19,000 ^a	36 U	43 U	49 U	50 U	50 U	88 U	46 U	41 U	-	-	-	77 U	61 U	130 U	72 U	62 U
	02/06/2015	NA	94,000	79 U	93 U	110 U	110 U	110 U	190 U	100 U	89 U	520 U	-	-	170 U	150	290 U	160 U	140 U
	06/19/2015	NA	590 U	4.6 U	5.4 U	6.2 U	6.2 U	6.2 U	11 U	5.8 U	5.2 U	15 U	-	-	38	7.7 U	17 U	9.1 U	7.8 U
	08/18/2015	NA	540 U	4.2 U	5.0 U	5.8 U	5.8 U	5.8 U	10 U	5.4 U	4.8 U	14 U	-	-	26	7.1 U	16 U	8.3 U	7.2 U
	11/20/2015	NA	13,000	10 U	12 U	14 U	14 U	14 U	24 U	13 U	11 U	33 U	-	-	90	17 U	37 U	20 U	17 U
	04/13/2016	NA	540 U	4.2 U	10	5.7 U	5.7 U	5.7 U	10 U	5.3 U	4.7 U	14 U	-	-	390	7.1 U	16 U	8.3 U	7.2 U
	07/12/2016	NA	560 U	4.3 U	5.1 U	5.9 U	5.9 U	5.9 U	-	-	-	14 U	-	-	2,200	-	-	-	-
	10/21/2016	NA	2,400	9.5	29	5.8 U	6.7	5.8 U	10 U	5.4 U	19 U	14 U	-	-	1,800	7.2 U	16 U	8.5 U	7.3 U

TABLE 3																			
SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³)																			
Plaid Pantry No. 112																			
Vancouver, Washington																			
Location	Date	Sample Depth (feet bgs)	Gasoline	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	EDB	EDC	MTBE	Naphthalene	Butane	Pentane	PCE	TCE	2-Butanone	Carbon Tetrachloride	1,1,1- Trichloroethane
SVE Operational Target ¹			4,700	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	-	-	-	-	-	-
MTCA Vapor Intrusion Soil Gas Screening Levels ²																			
MTCA Method B			1,500	11	76,000	15,000	1,500 ³	1,500 ³	0.14	3.2	320	2.5	-	460	320	11	76,000	14	76,000
Commercial Worker ^{2a}			13,000	50	650,000	130,000	13,000 ³	13,000 ³	0.65	15	1,500	11	-	-	1,500	95	650,000	65	650,000
SVE Blower Inlet (cont'd)	01/30/2017	NA	34,000	40 U	48 U	55 U	55 U	55 U	97 U	51 U	180 U	130 U	-	-	600	68 U	150 U	80 U	69 U
	03/21/2017	NA	520 U	4.0 UJ	25 J	5.5 U	5.5 U	5.5 U	-	-	-	13 U	-	-	-	-	-	-	-
	04/13/2017	NA	3,600	4.4 U	39	5.9 U	13	5.9 U	10 U	5.5 U	20 U	14 U	-	-	690	7.3 U	16 U	8.6 U	7.4 U
	07/06/2017	NA	16,000	5.5 U	75	18	130	59	13 U	7.0 U	25 U	18 U	-	-	1,100	9.2 U	20 U	11 U	9.4 U
	10/28/2017	NA	3,600	4.0 U	12	5.4 U	7.8	5.4 U	9.6 U	5.0 U	18 U	13 U	-	-	980	6.7 U	15 U	7.8 U	6.8 U
	02/13/2018	NA	4,900	4.2 U	5.0 U	5.8 U	5.8	5.8 U	10 U	5.4 U	19 U	14 U	-	-	73	7.1 U	16 U	8.3 U	7.2 U
	04/27/2018	NA	2,600 ^a	3.9 U	4.6 U	5.3 U	5.3 U	5.3 U	9.4 U	4.9 U	18 U	13 U	-	-	400	6.6 U	180	7.7 U	6.6 U
	07/06/2018	NA	520 U	4.0 U	5.2	5.5 U	8.0	5.5 U	9.8 U	5.1 U	18 U	13 U	-	-	720	6.8 U	56	8.0 U	6.9 U
	10/04/2018	NA	520 U	4.0 U	5.2	5.5 U	5.5 U	5.5 U	9.7 U	5.1 U	18 U	13 U	-	-	580	6.8 U	17	8.0 U	6.9 U
	01/03/2020	NA	2,800,000	200 U	240 U	270 U	270 U	270 U	480 U	250 U	230 U	1,300 U	-	-	430 U	340 U	6,600	400 U	340 U
	01/10/2020	NA	1,300,000	38 U	45 U	52 U	52 U	52 U	91 U	48 U	43 U	250 U	-	-	81 U	64 U	400	75 U	65 U
	01/20/2020	NA	130,000	3.7 U	4.4 U	5.0 U	5.0 U	5.0 U	9.0 U	4.7 U	17 U	12 U	-	-	33	6.3 U	170	7.3 U	6.4 U
	02/03/2020	NA	13,000	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	9.5 U	5.0 U	18 U	13 U	-	-	8.4 U	6.7 U	15 U	7.8 U	6.8 U
	03/02/2020	NA	13,000	7.6 U	9.0 U	10 U	10 U	10 U	18 U	9.7 U	34 U	25 U	-	-	16 U	13 U	28 U	15 U	13 U
	04/01/2020	NA	18,000	3.8 U	4.4 U	5.1 U	5.1 U	5.1 U	9.1 U	4.8 U	17 U	12 U	-	-	8.0 U	6.3 U	14 U	7.4 U	6.4 U
	07/13/2020	NA	20,000	4.0 U	5.7	10	36	20	9.7 U	5.1 U	18 U	13 U	-	-	8.5 U	6.8 U	19	7.9 U	6.9 U
	10/16/2020	NA	13,000	4.0 U	4.7 U	5.4 U	5.4 U	5.4 U	9.5 U	5.0 U	18 U	13 U	-	-	16	6.7 U	100	7.8 U	6.8 U
	01/28/2021	NA	7,000 U	55 U	64 U	74 U	74 U	74 U	130 U	69 U	250 U	180 U	-	-	120 U	92 U	200 U	110 U	93 U
	04/28/2021	NA	420 U	3.3 U	3.9 U	4.4 U	4.4 U	4.4 U	7.9 U	4.1 U	15 U	11 U	-	-	7.0 U	5.5 U	12 U	6.4 U	5.6 U
	05/27/2021 ^f	NA	460 U	3.6 U	4.2 U	4.9 U	4.9 U	4.9 U	8.6 U	4.5 U	16 U	12 U	-	-	7.6 U	6.0 U	13 U	7.0 U	6.1 U
	07/09/2021 ^f	NA	740	3.6 U	4.2 U	4.9 U	4.9 U	4.9 U	8.6 U	4.5 U	16 U	12 U	-	-	7.6 U	6.0 U	13 U	7.0 U	6.1 U
	07/24/2021	NA	430 U	3.4 U	4.0 U	4.6 U	4.6 U	4.6 U	8.1 U	4.2 U	15 U	11 U	-	-	7.1 U	5.6 U	12 U	6.6 U	5.7 U
	12/06/2021	NA	37,000	33 U	39 U	45 U	45 U	45 U	80 U	42 U	150 U	110 U	-	-	70 U	56 U	120 U	65 U	56 U
	03/01/2022	NA	4,000	3.3 U	3.9 U	4.5 U	7.9	4.5 U	7.9 U	4.2 U	15 U	11 U	-	-	7.0 U	5.5 U	14	6.5 U	5.6 U
	07/27/2022 ^f	NA	4,000	3.5 U	210 U	4.8 U	9.6 U	4.8 U	0.85 U	0.45 U	79 U	2.9 U	-	-	75 U	1.2 U	140	3.5 U	6.0 U
	07/27/2022 ^f	NA	2,100 U	3.3	120 U	6.5	19	6.3	0.48 U	0.25 U	45 U	1.7 U	-	-	43 U	0.68 U	81	2.0 U	3.4 U
	08/25/2022	NA	2,500 U	2.4 U	140 U	3.2 U	6.4 U	3.2 U	0.57 U	0.30 U	53 U	1.9 U	-	-	50 U	0.80 U	44 U	2.3 U	4.0 U
	09/30/2022	NA	2,000 U	2.0 U	120 U	2.7 U	5.4 U	70	0.48 U	0.25 U	45 U	1.6 U	-	-	42 U	0.67 U	37 U	2.0 U	3.4 U
	10/31/2022	NA	8,400	2.1 U	120 U	2.9 U	5.7 U	2.9 U	0.51 U	0.27 U	48 U	1.7 U	12,000 ⁱ	2,400 ⁱ	45 U	0.71 U	39 U	2.1 U	3.6 U
	11/28/2022	NA	180,000 U	180 U	11,000 U	240 U	490 U	240 U	43 U	23 U	4,000 U	150 U	170,000 ⁱ	18,000	3,800 U	60 U	3,300 U	88,000 UE	310 U
	12/19/2022	NA	200,000 U	190 U	11,000 U	260 U	530 U	260 U	47 U	25 U	4,400 U	160 U	220,000 ⁱ	20,000	4,100 U	66 U	3,600 U	9,500 UE	330 U
	01/12/2023	NA	2,000 U	2.0 U	120 U	2.7 U	5.4 U	2.7 U	0.48 U	0.25 U	45 U	1.6 U	77	37 U	42 U	0.67 U	37 U	2.0 U	3.4 U
	02/10/2023	NA	3,200	1.9 U	110 U	2.6 U	5.2 U	2.6 U	0.46 U	0.24 U	43 U	1.6 U	1,800 ⁱ	99	41 U	0.64 U	35 U	1.9 U	3.3 U
	03/15/2023	NA	2,900 U	1.9 U	170 U	3.8 U	7.6 U	3.8 U	0.68 U	0.36 U	63 U	2.3 U	19,000 ⁱ	1800 ⁱ	60 U	0.95 U	52 U	2.8 U	4.8 U
	06/29/2023	NA	2,200	2.8 U	47 U	2.7 U	5.5 U	2.7 U	0.48 U	0.25 U	45 U	1.7 U	30 U	37 U	43 U	0.68 U	37 U	2.0	3.4 U
	09/06/2023	NA	3,000	3.2 U	7.7 U	4.4 U	8.8 U	4.4 U	7.8 U	4.1 U	15 U	11 U	-	-	6.9 U	5.5 U	34	6.4 U	5.6 U
	09/06/2023	NA	2,700	3.6 U	8.5 U	4.9 U	9.8 U	4.9 U	8.6 U	4.6 U	16 U	12 U	-	-	8.7	6.0 U	13 U	7.1 U	6.1 U
	10/07/2023	NA	3,700	3.5 U	8.3 U	4.8 U	9.6 U	4.8 U	8.4 U	4.4 U	16 U	12 U	-	-	7.5 U	5.9 U	13 U	6.9 U	6.0 U
	12/01/2023	NA	420 U	4.2	7.8 U	4.5 U	8.9 U	4.5 U	7.9 U	4.2 U	15 U	11 U	-	-	24	5.5 U	12 U	6.5 U	5.6 U
	12/01/2023	NA	420 U	3.3 U	7.7 U	4.4 U	8.9 U	4.4 U	7.9 U	4.1 U	15 U	11 U	-	-	7.0 U	5.5 U	12 U	6.4 U	5.6 U
	01/03/2024	NA	1,300	3.4 U	8.1 U	5.6	14	4.7 U	8.3 U	4.4 U	16 U	11 U	-	-	7.3 U	5.8 U	13 U	6.8 U	5.9 U
Post-GAC	08/22/2013	NA	230 U	3.6 U	4.3 U	4.9 U	4.9 U	4.9 U	8.7 U	4.6 U	4.1 U	-	-	-	7.7 U	6.1 U	13	7.1 U	6.2 U
	09/27/2013	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/01/2013	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/04/2013	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/18/2013	NA	1,900	3.8 U	5.4	5.2 U	5.2 U	5.2 U	9.2 U	4.8 U	4.3 U	-	-	-	8.1 U	6.4 U	14 U	7.6 U	6.5 U
	03/07/2014	NA	43,000	37 U	44 U	51 U	51 U	51 U	90 U	47 U	42 U	-	-	-	79 U	63 U	140 U	74 U	64 U
	05/08/2014 ^b	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3
SVE Monitoring Analytical Results - Volatile Organic Compounds (µg/m³)
Plaid Pantry No. 112
Vancouver, Washington

Notes:

- ¹ Sub-Slab Soil Gas Screening Levels for Vapor Intrusion (rounded to two significant figures). Washington Department of Ecology (WDOE) Opinion Letter. February 20, 2019.
- ² WDOE, Cleanup Levels and Risk Calculation (CLARC) database values (February 2024). Shown for reference only.
- ^{2a} Vapor Intrusion Screening Levels for Workers. Supporting material for CLARC. WDOE – Toxics Cleanup Program. February 2024⁴
- ³ Screening levels for total xylenes.
- ^a The hydrocarbon profile present did not resemble that of commercial gasoline. Results calculated using the response factor derived from the gasoline calibration.
- ^b Carbon treatment for system exhaust discontinued on March 28, 2014.
- ^c Reporting limits were raised due to high levels of non-target analytes.
- ^d This sample was not analyzed due to canister vacuum issues.
- ^e Dilution was performed on sample due to the presence of high level target species.
- ^f System disabled 05/27/2021-07/09/2021, 12/06/2021-02/15/2022, 03/31/2022-07/27/2022, 08/03/2023-09/06/2023, and 10/07/2023-12/01/2023 for contaminant rebound monitoring.
- ^g The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- ^h On-property SVE operations conducted between 2013 and 2018. Off-property operations conducted between January 2020 and present.
- ⁱ The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

Volatiles by EPA Method TO-15

MTBE = Methyl tert-butyl ether

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

PCE = Tetrachloroethene

TCE = Trichloroethene

µg/m³ = Micrograms per cubic meter

Bold values indicate concentrations exceed the SVE Operational Target.

Italics indicate analytical reporting limits exceed the SVE Operational Target.

U = Undetected at method reporting limit shown

J = Estimated concentration. The associated numerical value is the approximate concentration of the analyte in the sample. See data validation report for additional information.

NA = Not Applicable/Not Available

E = Estimated concentration. Result exceeds calibration range for the instrument.

- = not analyzed for this parameter

TABLE 4A
Soil Vapor Extraction Mass Removal in Right-of-Way
 Plaid Pantry No. 112
 Vancouver, Washington

Date	Cumulative Operating Days	Total System Flow (ft ³ /min)	Pre-Treatment Lab Analysis (mg/m ³)			Estimated Mass Removal Rate Per Cycle (Pounds/Day) ^a			Estimated Cumulative Mass Removed & Discharge Emissions (Pounds)		
			Gasoline	Benzene	PCE	Gasoline	Benzene	PCE	Gasoline	Benzene	PCE
01/03/2020	0.4	58	2,800	0.20 U	0.43 U	15	0.0010	0.0023	6.0	0.00043	0.00092
01/10/2020	7	44	1,300	0.038 U	0.081 U	9.4	0.00055	0.0012	70	0.0042	0.0089
01/20/2020	17	50	130	0.0037 U	0.033	3.0	0.000088	0.00024	101	0.0050	0.011
02/03/2020	31	47	13	0.0040 U	0.0084 U	0.31	0.000017	0.000091	105	0.0053	0.013
03/02/2020	59	47	13	0.0076 U	0.016 U	0.055	0.000025	0.000052	107	0.0060	0.014
04/01/2020	80	47	18	0.0038 U	0.0080 U	0.066	0.000024	0.000051	108	0.0065	0.015
07/13/2020	183	46	20	0.0040 U	0.0085 U	0.080	0.000016	0.000035	116	0.0082	0.019
10/16/2020	278	41	13	0.0040 U	0.016	0.065	0.000016	0.000048	122	0.0097	0.023
01/28/2021	382	46	7.0 U	0.055 U	0.12 U	0.039	0.00011	0.00026	126	0.022	0.051
04/28/2021	472	52	0.42 U	0.0033 U	0.0070 U	0.016	0.00013	0.00028	128	0.033	0.076
05/27/2021 ^d	501	51	0.46 U	0.0036 U	0.0076 U	0.0020	0.000016	0.000034	128	0.034	0.077
07/09/2021 ^d	501	48	0.74	0.0036 U	0.0076 U	-	-	-	128	0.034	0.077
07/24/2021	516	46	0.43 U	0.0034 U	0.0071 U	0.0025	0.000015	0.000031	128	0.034	0.077
12/06/2021 ^d	651	48	37	0.033 U	0.070 U	0.079	0.000077	0.00016	139	0.044	0.099
03/01/2022	665	50	4.0	0.0033 U	0.0070 U	0.090	0.000080	0.00017	140	0.045	0.10
07/27/2022 ^d	695	49	4.0	0.0035 U	0.075 U	-	-	-	143	0.048	0.11
07/27/2022	695	49	2.1 U	0.0033	0.043 U	0.013	0.000015	0.00026	143	0.048	0.11
08/25/2022	724	46	2.5 U	0.0024 U	0.050 U	0.010	0.000012	0.00020	143	0.048	0.11
09/30/2022	760	48	2.0 U	0.0020 U	0.042 U	0.010	0.0000093	0.00020	143	0.048	0.12
10/31/2022	791	49	8.4	0.0021 U	0.045 U	0.023	0.0000089	0.00019	144	0.049	0.13
11/28/2022 ^e	819	48	180 U	0.18 U	3.8 U	0.41	0.00039	0.0083	155	0.060	0.36
12/19/2022 ^e	840	48	200 U	0.19 U	4.1 U	0.82	0.00079	0.017	173	0.076	0.71
01/12/2023	864	49	2.0 U	0.0020 U	0.0 U	0.44	0.00042	0.009	183	0.086	0.93
02/10/2023	893	47	3.2	0.0019 U	0.041 U	0.011	0.0000085	0.00018	183	0.087	0.94
03/15/2023	926	46	2.9	0.0019 U	0.060 U	0.013	0.0000080	0.00021	184	0.087	0.94
06/29/2023	1,032	23	2.2	0.0028 U	0.043 U	0.0079	0.0000073	0.00016	185	0.088	0.96
09/06/2023 ^d	1,067	47	3.0	0.0032 U	0.0069 U	-	-	-	185	0.088	0.97
09/06/2023	1,067	47	2.7	0.0036 U	0.0087	0.012	0.000014	0.000033	185	0.088	0.97
10/07/2023	1,098	48	3.7	0.0035 U	0.0075 U	0.014	0.000015	0.000035	185	0.088	0.97
12/01/2023 ^d	1,098	49	0.42 U	0.0042	0.024	-	-	-	185	0.088	0.97
12/01/2023	1,098	49	0.42 U	0.0033 U	0.0070 U	0.0018	0.000016	0.000068	185	0.088	0.97
01/03/2024	1,131	49	1.3	0.0034 U	0.0073 U	0.0038	0.000015	0.000031	186	0.089	0.97
Estimated Emissions During Last 12 Months (Pounds/Year):									2.4	0.0025	0.037
Annual Emissions Threshold (Pounds/Year):									NE ^b	20 ^c	500 ^c

TABLE 4A
Soil Vapor Extraction Mass Removal in Right-of-Way
 Plaid Pantry No. 112
 Vancouver, Washington

Notes:

^a Concentrations are averaged between start and end of each time period.

^b No emission threshold established for gasoline. Registration exemption threshold for the sum of total criteria pollutants and VOCs is 2,000 pounds per year, per SWCAA Chapter 400-109, Air Discharge Permits - Exempt Emission Thresholds, dated 03/21/2020.

^c Small Quantity Emissions Rate (SQER), per SWCAA 400, General Regulations for Air Pollution Sources, dated 03/21/2020.

^d System disabled 05/27/2021-07/09/2021, 12/06/2021-02/15/2022, 03/31/2022-07/27/2022, 08/03/2023-09/06/2023, and 10/07/2023-12/01/2023 for contaminant rebound monitoring.

^e Laboratory reporting limits elevated. Corresponding mass removal estimates may be biased high due to the elevated reporting limits associated with those samples.

ft³/min = cubic feet per minute

mg/m³ = milligrams per cubic meter

NE = not established

Sample Calculations:

Estimated Gasoline Mass Removal Rate on 01/10/2020:

$$\left(\frac{58 \frac{ft^3}{min} + 44 \frac{ft^3}{min}}{2} \right) \times \left(\frac{2,800 \frac{mg}{m^3} + 1,300 \frac{mg}{m^3}}{2} \right) \times \frac{1 m^3}{35.3146667 ft^3} \times \frac{1 pound}{453592.37 mg} \times \frac{1440 min}{day} = 9.4 \frac{pounds}{day}$$

Estimated Cumulative Gasoline Emissions on 01/10/2020:

$$(7 days - 0.4 day) \times \left(\frac{58 \frac{ft^3}{min} + 44 \frac{ft^3}{min}}{2} \right) \times \left(\frac{2,800 \frac{mg}{m^3} + 1,300 \frac{mg}{m^3}}{2} \right) \times \frac{1 m^3}{35.3146667 ft^3} \times \frac{1 pound}{453592.37 mg} \times \frac{1440 min}{day} + 6.0 pounds = 70 pounds$$

TABLE 4B
Site Total Soil Vapor Extraction Mass Removal
 Plaid Pantry No. 112
 Vancouver, Washington

Date	Cumulative Operating Days	Total System Flow (ft ³ /min)	Pre-Treatment Lab Analysis (mg/m ³)		Estimated Mass Removal Rate Per Cycle (Pounds/Day) ^a		Estimated Cumulative Mass Removed (Pounds)		Estimated Cumulative Discharge Emissions (Pounds) ^b	
			Gasoline	PCE	Gasoline	PCE	Gasoline	PCE	Gasoline	PCE
08/22/2013 ^f	0.25	95	160	0.081 U	1.4	0.00069	0.34	0.00017	0.00049	0.000016
09/27/2013	23	79	24	0.0081 U	0.72	0.00035	17	0.0081	0.042	0.0014
11/01/2013	57	54	68	0.30	0.28	0.00092	26	0.039	0.088	0.0029
12/04/2013	89	98	26	1.2	0.32	0.0051	36	0.20	0.32	0.0047
03/07/2014	160	55	50	0.41	0.26	0.0055	55	0.60	11	0.026
05/08/2014	223	88	24	1.2	0.24	0.0052	70	0.92	25	0.28
08/08/2014	314	87	25	1.2	0.19	0.0095	87	1.8	42	1.1
11/14/2014	412	97	19	0.077 U	0.18	0.0053	105	2.3	60	1.7
02/06/2015	475	88	94	0.17 U	0.47	0.0010	135	2.4	90	1.7
03/06/2015	503	88	0.0 ^e	0.0 ^e	0.37	0.0007	145	2.4	100	1.7
06/19/2015	607	87	0.59 U	0.038	0.002	0.0001	145	2.4	100	1.8
08/18/2015	667	96	0.54 U	0.026	0.0047	0.00026	146	2.4	101	1.8
11/20/2015 ^h	758	89	13	0.090	0.056	0.00048	151	2.5	106	1.8
04/13/2016 ^h	803	112	0.54 U	0.39	0.061	0.0022	154	2.6	109	1.9
07/12/2016	881	96	0.56 U	2.2	0.0052	0.012	154	3.5	109	2.9
10/21/2016	975	97	2.4	1.8	0.013	0.017	155	5.1	110	4.5
01/30/2017	1,052	89	34	0.60	0.15	0.010	167	5.9	122	5.3
03/21/2017	1,102	89	0.52	-	0.14	0.0053	174	6.2	129	5.5
04/13/2017	1,125	97	3.6	0.69	0.017	0.0054	174	6.3	129	5.6
07/06/2017	1,209	116	16	1.1	0.094	0.0085	182	7.0	137	6.4
10/28/2017	1,323	110	3.6	0.98	0.099	0.011	193	8.2	148	7.6
02/13/2018	1,403	93	4.9	0.073	0.039	0.0048	196	8.6	151	7.9
04/27/2018	1,468	105	2.6	0.40	0.033	0.0021	199	8.7	154	8.1
07/06/2018	1,538	104	0.52 U	0.72	0.015	0.0053	200	9.1	155	8.4
10/04/2018 ^f	1,592	109	0.52 U	0.58	0.0050	0.0062	200	9	155	8.8
01/03/2020 ^g	1,592	58	2,800	0.43 U	15	0.0023	206	9	161	8.8
01/10/2020	1,599	44	1,300	0.081 U	9.4	0.0012	270	9	225	8.8
01/20/2020	1,609	50	130	0.033 U	3.0	0.00024	301	9	256	8.8
02/03/2020	1,623	47	13	0.0084 U	0.31	0.000091	305	9	260	8.8
03/02/2020	1,651	47	13	0.016 U	0.055	0.000052	307	9	262	8.8
04/01/2020	1,672	47	18	0.0080 U	0.066	0.000051	308	9	263	8.8
07/13/2020	1,775	46	20	0.0085 U	0.080	0.000035	316	9	271	8.8
10/16/2020	1,870	41	13	0.016	0.065	0.000048	322	9	277	8.8
01/28/2021	1,974	46	7.0 U	0.12 U	0.039	0.00026	326	9	281	8.8
04/28/2021	2,064	52	0.42 U	0.0070 U	0.016	0.00028	328	10	283	8.9
05/27/2021 ^h	2,093	51	0.46 U	0.0076 U	0.0020	0.000034	328	10	283	8.9
07/09/2021 ^h	2,093	48	0.74 U	0.0076 U	-	-	328	10	283	8.9
07/24/2021	2,108	46	0.43 U	0.0071 U	0.0025	0.000031	328	10	283	8.9

TABLE 4B
Site Total Soil Vapor Extraction Mass Removal
 Plaid Pantry No. 112
 Vancouver, Washington

Date	Cumulative Operating Days	Total System Flow (ft ³ /min)	Pre-Treatment Lab Analysis (mg/m ³)		Estimated Mass Removal Rate Per Cycle (Pounds/Day) ^a		Estimated Cumulative Mass Removed (Pounds)		Estimated Cumulative Discharge Emissions (Pounds) ^b	
			Gasoline	PCE	Gasoline	PCE	Gasoline	PCE	Gasoline	PCE
12/06/2021 ^h	2,243	48	37	0.070 U	0.079	0.00016	339	10	294	8.9
03/01/2022	2,257	50	4.0	0.0070 U	0.090	0.00017	340	10	295	8.9
07/27/2022 ^h	2,287	49	4.0	0.075 U	-	-	343	10	298	8.9
07/27/2022	2,287	49	2.1 U	0.043 U	0.013	0.00026	343	10	298	8.9
08/25/2022	2,316	46	2.5 U	0.050 U	0.010	0.00020	343	10	298	8.9
09/30/2022	2,352	48	2.0 U	0.042 U	0.010	0.00020	343	10	298	8.9
10/31/2022	2,383	49	8.4	0.045 U	0.023	0.00019	344	10	299	8.9
11/28/2022 ⁱ	2,411	48	180 U	3.8 U	0.41	0.0083	355	10	310	9.1
12/19/2022 ⁱ	2,432	48	200 U	4.1 U	0.82	0.017	372	10	327	9.5
01/12/2023	2,456	49	2.0 U	0.042 U	0.44	0.0090	383	10	338	9.7
02/10/2023	2,485	47	3.2	0.041 U	0.011	0.00018	383	10	338	9.7
03/15/2023	2,518	46	2.9	0.060 U	0.013	0.00021	384	10	339	9.7
06/29/2023	2,624	23	2.2	0.043 U	0.0079	0.00016	385	10	340	9.7
09/06/2023 ^h	2,659	47	3.0	0.0069 U	-	-	385	10	340	9.8
09/06/2023	2,659	47	2.7	0.0087	0.012	0.000033	385	10	340	9.8
10/07/2023	2,690	48	3.7	0.0075 U	0.014	0.000035	385	10	340	9.8
12/01/2023 ^h	2,690	49	0.42 U	0.024	-	-	385	10	340	9.8
12/01/2023	2,690	49	0.42 U	0.0070 U	0.0018	0.000068	385	10	340	9.8
01/03/2024	2,723	49	1.3	0.0073 U	0.0038	0.000031	385	10	340	9.8
Estimated Emissions During Last 12 Months (Pounds/Year):									2.4	0.037
Annual Emissions Threshold (Pounds/Year):									NE ^c	500 ^d

Notes:

^a Concentrations are averaged between start and end of each time period.

^b Granular activated carbon used to treat emissions prior to discharge between 8/22/13 and 3/28/14. Emissions treatment discontinued on 3/28/14.

^c No emission threshold established for gasoline. Registration exemption threshold for the sum of total criteria pollutants and VOCs is 2,000 pounds per year, per SWCAA Chapter 400-109, Air Discharge Permits - Exempt Emission Thresholds, dated 03/21/2020.

^d Small Quantity Emissions Rate (SQER), per SWCAA 400, General Regulations for Air Pollution Sources, dated 03/21/2020.

^e Estimated mass based upon historic data trends.

^f SVE operated on-Property between August 2013 and December 2018.

^g Off-property SVE operations in the West Fourth Plain Boulevard right-of-way began January 3, 2020.

^h System disabled 05/27/2021-07/09/2021, 12/06/2021-02/15/2022, 03/31/2022-07/27/2022, 08/03/2023-09/06/2023, and 10/07/2023-12/01/2023 for contaminant rebound monitoring.

ⁱ Laboratory reporting limits elevated. Corresponding mass removal estimates may be biased high due to the elevated reporting limits associated with those samples.

ft³/min = Cubic feet per minute

mg/m³ = Milligrams per cubic meter

NE = not established

- = Not measured