

APPENDICES
Yakima Railroad Area
PCE Contamination

Groundwater Quality Monitoring,
Data Summary 2018-2020

by

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Appendix A. Well Construction Details and Field Measurement Data

Table A- 1. Well construction details.

Well ID	Well Installation Date	Well Tag ID	Latitude (decimal degrees)	Longitude (decimal degrees)	TOC Elevation (feet)	TOC Stickup (feet)	Ground Surface Elevation (feet)	Casing Diameter (inches)	Well Depth from TOC (feet)	Top of Screen Depth (below TOC)	Bottom of Screen Depth (below TOC)
GMW-1	4/1994	ABJ993	46.59949	-120.5019	1063.00	-1.44	1064.44	2	23	13	23
GMW-2	4/1994	ABJ994	46.59911	-120.50169	1055.42	-0.27	1055.69	2	23	13	23
GMW-4	1/1996	BIN804	46.59924	-120.50151	1056.94	-0.34	1057.28	2	30	10	30
NMW-1	6/1995	ABJ918	46.59366	-120.49867	1044.00	-0.29	1044.29	2	24.1	15	25
NMW-2 ¹	6/1995	ABJ919	46.59322	-120.49748	1044.21	-0.23	1044.44	2	23.6	10	25
NMW-3	6/1995	ABJ920	46.59362	-120.49820	1043.83	--	--	2	23.8	15	25
SGMW-1	4/1996	BIN801	46.58660	-120.51086	1056.90	-0.26	1057.16	2	43.7	15	45
SGMW-2	4/1996	BIN803	46.58617	-120.51034	1056.47	-0.35	1056.82	2	44.2	15	45
SGMW-3	4/1996	BIN802	46.58583	-120.51027	1054.77	-0.49	1055.26	2	45	15	45
WDOE-3S	--	BIN819	46.58963	-120.50341	1053.32	2.82	1050.50	2	29.9	--	--
WDOE-3I	--	BIN817	46.58963	-120.50325	1053.27	2.87	1050.40	2	58.5	--	--
WDOE-3D	--	BIN818	46.58962	-120.50332	1053.12	2.81	1050.31	2	100	--	--
5WMW-2	2/1995	BIN808	46.58887	-120.49778	1039.22	-0.55	1039.77	2	33.6	15	35
CYIMW102S	--	BIN810	46.58388	-120.49798	1030.74	-0.29	1031.03	2	30	10	30
CYIMW103S	--	BIN809	46.58388	-120.49757	1030.65	-0.54	1031.19	2	29.5	10	30
CYIMW103D	1/2003	AHR176	46.58386	-120.49757	1030.66	-0.35	1031.01	2	60	50	60
CYIMW106S	--	BIN806	46.58439	-120.49839	1033.46	-0.46	1033.92	2	29.2	10	30
CYIMW107S	8/1998	BIN805	46.58436	-120.49738	1033.85	-0.15	1034.00	2	29.3	10	30
CYIMW108S	8/1998	BIN807	46.58405	-120.49637	1031.45	-0.64	1032.09	2	30	10	30
CYIMW109S	8/1998	BIN815	46.58394	-120.49649	1029.19	-0.97	1030.16	2	29	10	30
CYIMW110S	8/1998	--	46.58389	-120.49678	1028.50	--	--	2	29	10	30
CYIMW111S	8/1998	--	46.58389	-120.49711	1029.33	--	--	2	31	10	30
CYIMW112S	8/1998	BIN811	46.58298	-120.49679	1028.84	-0.69	1029.53	2	29	10	30
CYIMW113S	8/1998	BIN814	46.58275	-120.49690	1028.38	-1.15	1029.53	2	30	11	31
CYIMW113D	8/1998	BIN813	46.58276	-120.49689	1028.19	-0.89	1029.08	2	59.5	50	60

Well ID	Well Installation Date	Well Tag ID	Latitude (decimal degrees)	Longitude (decimal degrees)	TOC Elevation (feet)	TOC Stickup (feet)	Ground Surface Elevation (feet)	Casing Diameter (inches)	Well Depth from TOC (feet)	Top of Screen Depth (below TOC)	Bottom of Screen Depth (below TOC)
CYIMW114S	8/1998	BIN812	46.58275	-120.49652	1028.18	-1.34	1029.52	2	30.7	10	30
ATMW-4	10/1997	BIN816	46.56834	-120.48978	1000.82	-0.27	1001.09	2	30	10	30
RI-3S	10/1997	AEB112	46.59247	-120.51698	1071.39	-0.72	1072.11	2	47.2	33	48
RI-4S	11/1997	AEB126	46.58349	-120.52999	1051.91	-0.89	1052.80	6	35	20	35
RI-4D	11/1997	AEB125	46.58349	-120.53005	1052.48	-0.30	1052.78	6	126	116	126
RI-5S	10/1997	AEB114	46.57982	-120.51812	1044.51	-0.41	1044.92	2	38.4	24	39
RI-5D	10/1997	AEB113	46.57982	-120.51819	1044.54	-0.32	1044.86	2	119	109	119
RI-6S	11/1997	AEB122	46.57047	-120.51879	1033.50	-0.37	1033.87	2	38.9	25	40
RI-9S	10/1997	AEB116	46.56028	-120.48761	988.30	-0.54	988.84	2	28.8	15	30
RI-10S	11/1997	AEB128	46.56235	-120.48152	989.05	-0.62	989.67	2	33.3	20	35
RI-11S	11/1997	AEB130	46.56268	-120.47698	988.53	-0.41	988.94	2	38.6	23	38
FWMW-4	2/1995	NA	46.598239	-120.511674	1064.45	-0.5	1064.95	2	35	10	35
FWMW-5	1997	NA	46.598980	-120.512588	1067.68	-0.48	1068.16	2	35	15	35
FWMW-6	5/2005	AKN055	46.598796	-120.512500	1066.99	-0.2	1067.19	2	35	15	35
FWMW-10	5/2005	AKN059	46.598930	-120.512011	1066.00	-0.44	1066.44	2	35	15	35
FWMW-16	5/2012	BHH289	46.599146	-120.512846	1068.92	-0.54	1069.46	2	35	30	35
FWMW-20	6/2012	BHH293	46.598578	-120.511961	1063.97	-0.28	1064.25	4	35	30	35
FWMW-24	6/2012	BHH293	46.597386	-120.510840	1062.22	--	1062.22	4	35	25	35
FWMW-17	5/2012	BHH290	46.599155	-120.512816	1069.10	-0.34	1069.44	2	93	88	93
FWMW-18	6/2012	BHH291	46.598908	-120.512083	1066.07	-0.52	1063.93	2	92	87	92
FWMW-19	6/2012	BHH292	46.598569	-120.511805	1064.07	-0.47	1062.02	2	93	88	93

¹Well NMW-1 decommissioned in 2016.

--: Information not available.

VERTICAL DATUM: NAVD88. Vertical accuracy measure +/- 10 ft (3m).

HORIZONTAL DATUM: NAD83 HARN. Horizontal accuracy measure +/- 10 ft (3m).

TOC: Top of well casing.

Table A- 2. Field measurement parameters, 2018-2020.

Well ID	Well Tag ID	Sample Date	Depth to Groundwater (ft below ground surface)	Temp (°C)	pH (units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (umhos/cm)
GMW-1	ABJ993	5/1/2018	22.58	17.4	6.09	6.91	64.6	285.7
		4/23/2019	21.98	17.95	6.49	6.75	307	389.8
GMW-2	ABJ994	5/2/2018	20.11	16.5	6.23	6.36	62.5	200.9
		10/23/2018	16.49	17	6.65	6.25	255	377
		4/23/2019	19.77	16.64	6.54	6.6	315	367
		10/23/2019	17.23	17.1	6.4	7.2	99	406
GMW-4	BIN804	5/2/2018	20.61	15.9	6.19	7.06	65.9	224.2
		4/23/2019	20.28	15.53	6.54	7.17	310	403.4
NMW-1	ABJ918	5/1/2018	20.85	15.8	5.88	6.1	64.5	323.2
		4/23/2019	20.41	15.21	6.13	8.09	306	567.9
SGMW-1	BIN801	10/23/2018	25.68	15.47	6.76	7.83	248	307
		10/21/2019	26.06	15.3	6.7	8.4	117	317
		11/16/2020	29.84	15.3	6.8	8	69	288
SGMW-2	BIN803	10/23/2018	26.58	15.66	6.77	8.01	237	303
		10/21/2019	26.87	17.6	6.7	8.6	129	314
		11/16/2020	30.41	15.1	6.4	7.8	187	298
SGMW-3	BIN802	10/23/2018	24.72	16.15	6.69	8.13	249	315
		10/22/2019	25.12	16.6	6.6	8.6	196	330
		11/16/2020	28.55	15.5	6.6	8	71	297
WDOE-3D	BIN818	11/17/2020	29.3	16.1	7	0	-24	333
WDOE-3I	BIN817	11/17/2020	27.9	16.1	6.5	6.3	318	363
WDOE-3S	BIN819	11/17/2020	27.28	16.1	6.6	6.4	21	360
5WMW-2	BIN808	10/23/2018	16.19	18.2	6.51	5.2	241	417
		10/21/2019	16.53	17.6	6.5	5.2	136	399
		11/17/2020	16.97	17.6	6.4	5.9	79	357
CYIMW102S	BIN810	10/24/2018	15.27	17.5	6.41	5.8	284	444
		10/22/2019	15.62	17.8	6.4	6	249	449
		11/17/2020	16.62	17.2	6.4	6.6	171	408
CYIMW103D	AHR176	5/2/2018	20.85	16.3	6.44	4.03	67	250.1
		4/24/2019	19.64	16.61	6.65	4.23	174	356.8
CYIMW103S	BIN809	5/2/2018	20.06	15.6	6.12	6.3	63.7	276.4
		10/24/2018	15.79	18.14	6.5	7.2	283	443
		4/24/2019	19.99	15.62	6.25	7.02	239	391.3
		10/22/2019	16.13	17.8	6.5	6.3	251	438
		11/17/2020	17.37	17.7	6.5	7.7	156	395

Well ID	Well Tag ID	Sample Date	Depth to Groundwater (ft below ground surface)	Temp (°C)	pH (units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (umhos/cm)
CYIMW106S	BIN806	10/24/2018	17.05	17.35	6.41	5.89	265	468
		10/22/2019	17.47	17.4	6.4	6.3	216	447
		11/17/2020	18.75	17.7	6.5	7.2	172	364
CYIMW107S	BIN805	5/2/2018	23.23	15.9	6.2	8.18	72.5	202.5
		10/24/2018	18.95	16.06	6.53	6.37	256	391
		4/25/2019	23.19	15.57	6.33	7.84	467	283.7
		10/22/2019	19.33	16.1	6.4	6.7	188	388
		11/17/2020	20.68	16.5	6.4	7.1	121	366
CYIMW108S	BIN807	10/24/2018	17.1	16.64	6.75	6.84	230	329
		10/22/2019	17.47	16.9	6.7	7.1	201	336
		11/17/2020	18.79	17	6.7	7.4	83	285
CYIMW111S	-	10/24/2018	15.28	17.38	6.51	6.82	250	398
		10/22/2019	15.69	16.6	6.5	6.7	204	362
		11/17/2020	17.04	16.6	6.5	7.4	102	325
CYIMW112S	BIN811	10/24/2018	14.65	16.75	6.44	6.12	279	427
		11/17/2020	16.16	17.2	6.4	6.6	143	410
CYIMW113D	BIN813	5/2/2018	19.71	16.4	6.38	5.5	65.5	240.9
		4/24/2019	18.48	16.07	6.73	9.24	271	321.5
CYIMW113S	BIN814	5/2/2018	18.04	15.4	6.17	5.51	65.9	247.2
		4/24/2019	17.94	15.19	6.2	5.83	292	400.9
CYIMW114S	BIN812	10/22/2019	14.94	17.4	6.4	6.7	233	427
RI-3S	AEB112	5/1/2018	39.49	15.8	6.2	7.02	61.4	293.5
		4/22/2019	39.21	15.97	6.67	6.33	197	409.8
RI-4D	AEB125	5/1/2018	13.57	15.3	7.08	6.89	61.2	233.5
		4/23/2019	13.04	15.35	7.85	7.41	281	306.2
RI-4S	AEB126	5/2/2018	14.52	15.4	6.73	4.63	89.7	390.6
		4/23/2019	14.45	15.59	7.22	4.46	296	724.3
RI-5D	AEB113	5/1/2018	25.23	15.3	6.63	5.89	62.2	338.1
		4/23/2019	23.47	15.41	7.33	6.03	292	519.7
RI-5S	AEB114	5/1/2018	18.81	14.7	6.16	7.48	65	297.5
		4/23/2019	18.81	15.12	6.64	7.96	308	411.1
RI-6S	AEB122	10/23/2018	7.41	15.23	7.09	6.41	238	724
		10/23/2019	7.28	14.7	6.9	7.2	91	717
		11/18/2020	8.25	14.9	7.05	6.87	85	742
RI-9S	AEB116	10/23/2018	4.88	15.88	6.66	2.88	250	316
		11/18/2020	4.89	15.7	6.6	2.4	71	326
RI-10S	AEB128	5/1/2018	10.28	15	5.84	6.18	64.3	304.6
		4/23/2019	10.01	14.58	6.25	6.35	316	400.2

Well ID	Well Tag ID	Sample Date	Depth to Groundwater (ft below ground surface)	Temp (°C)	pH (units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (umhos/cm)
RI-11S	AEB130	10/23/2018	12.33	19.12	6.4	5.83	257	338
		10/23/2019	12.25	18.6	6.3	7.6	124	326
		11/18/2020	12.22	17.8	6.4	6.6	57	302
FWMW-4	-	5/3/2018	26.49	16.5	6.09	4.1	60.3	203.3
		10/25/2018	17.44	17.55	6.49	6.66	195	358
		4/25/2019	26.03	16.9	6.37	4.92	274	667.9
		10/24/2019	18.31	17.3	6.24	7	204	365
		11/18/2020	20.46	17.5	6.3	7.2	225	288
FWMW-5	-	5/4/2018	25.43	16.3	6.11	3.49		201.6
		10/25/2018	17.12	16.34	6.43	5.81	276	276
		4/25/2019	24.89	16.86	6.33	3.89	307	326.1
		10/23/2019	18.35	18.2	6.4	9	161	283
		11/16/2020	21.62	17.5	6.4	4.8	61	279
FWMW-6	AKN055	5/3/2018	24.44	16.3	6.03	6.64	69.3	234.5
		10/25/2018	18.17	17.67	6.51	6.71	262	269
		4/25/2019	24.17	16.46	6.28	7.66	341	315.9
		10/23/2019	19.08	17.1	6.3	6.9	135	294
		11/16/2020	21.23	17.3	6.5	7.3	49	250
FWMW-10	AKN059	5/4/2018	25.03	16.1	6.5	0.36		217.4
		10/25/2018	17.47	15.7	7.03	0.2	-61	312
		4/26/2019	24.34	16.29	6.84	0.54	-37	333.3
		10/24/2019	18.39	16.1	6.85	0	-13	303
		11/18/2020	20.19	16.3	7	1.6	-29	337
FWMW-16	BHH289	5/3/2018	27.35	17.3	6.02	0.65	46.4	275.1
		10/25/2018	19.53	15.88	6.32	0.37	-28	409
		4/25/2019	26.7	17.65	6.46	0.63	-10	336
		10/23/2019	19.71	17	6.6	5.2	-67	313
		11/18/2020	22.08	16.3	7	0	-104	351
FWMW-17	BHH290	4/30/2018	33.11	16.5	6.59	2.96	69.7	253.2
		10/22/2018	25.28	16.54	7.76	9.89	239	250
		4/22/2019	31.58	16.37	7.48	2.68	158	254.4
		10/21/2019	25.97	15.6	7.7	6.7	49	245
		11/16/2020	21.5	16	7.5	5.5	13	249
FWMW-18	BHH291	4/30/2018	30.04	15.5	6.72	4.03	68.4	240.9
		10/22/2018	22.87	16.06	7.83	11.97	217	246
		4/22/2019	28.42	16.05	7.62	13.83	162	245.4
		10/21/2019	23.4	15.6	7.8	4.5	75	244
		11/16/2020	24.78	15.5	7.7	5.8	26	248

Well ID	Well Tag ID	Sample Date	Depth to Groundwater (ft below ground surface)	Temp (°C)	pH (units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (umhos/cm)
FWMW-19	BHH292	4/30/2018	28.88	15.7	6.69	4.17	72.1	240.6
		10/22/2018	21.52	16.67	7.8	4.26	206	243
		4/22/2019	27.49	15.99	7.59	10.95	183	243.3
		10/21/2019	22.29	16.1	7.7	9.3	92	240
		11/16/2020	23.93	15.8	7.6	4.5	40	246
FWMW-20	BHH293	5/3/2018	25.22	16.3	5.96	0.28	54.9	228.8
		10/25/2018	16.58	16.6	6.43	0.53	-61	374
		4/26/2019	24.97	16.77	6.36	1.5	29	299.9
		10/24/2019	17.67	16.6	6.3	0	-46	428
		11/19/2020	20.1	16.7	6.6	0	-48	407
FWMW-24	BHH297	5/3/2018	25	17	6.21	4.81	58.3	205.3
		10/25/2018	16.3	17.23	6.43	5.74	172	312
		4/25/2019	24.25	16.79	6.18	5.82	426	398.7
		10/23/2019	17.48	17.3	6.3	6.5	81	328
		11/18/2020	19.64	17.1	6.2	6.4	218	294

Appendix B. Quality Assurance Review

Data Quality Assessment: 2018-2020 Data

To ensure data of good quality, all wells were sampled using standard procedures as specified in the quality assurance project plan (QAPP; Marti, 2013) and Ecology’s SOP EAP078 (Marti, 2020). Monitoring wells were sampled with a stainless steel bladder pump with dedicated Teflon-lined tubing using standard low-flow sampling techniques. Samples were collected in pre-preserved 40-mL glass vials supplied by Ecology’s Manchester Environmental Laboratory (MEL). Samples were labeled and stored in clean, ice-filled coolers pending their arrival at the laboratory. Sample chain-of-custody procedures were followed throughout the project.

Samples were submitted to MEL for analysis of volatile organic compounds (VOCs) to determine chlorinated VOCs concentrations throughout the YRRA project area. Samples were analyzed following a modification of EPA SW-846 Method 8260C.

Field quality control samples consisted of field replicates, equipment blanks, and transport blanks.

During 2018-2020, field replicates were collected from wells GMW-1, GMW-2, SGMW-2, CYIMW103S, RI-5S, RI-6S, FWMW-10, and FWMW-20. PCE in these wells spans the expected concentration range in the YRRA and is the primary rationale for replicate sample collection at these locations.

Measurement quality objectives (MQO) for replicate samples and other analytical performance metrics can be found in the QAPP (Marti, 2013) and are summarized in Table B-1.

Table B-1. Laboratory measurement quality objectives.

Parameter	LCS % Recovery Limits	Laboratory Replicates (RPD)	Matrix Spikes % Recoveries	Matrix Spikes Duplicates (RPD)	Required Reporting Limit ¹
cVOCs	30-174%	30%	30-174%	30%	1-5 ug/L

LCS: Laboratory Control Sample

RPD: Relative Percent Difference

¹ RL may vary depending on dilutions, matrix interference, etc.

During 2018-2020, there were three instances when the results from replicate samples fell outside the 30% relative percent difference (RPD) quality criteria for one or more analytes:

In April 2019, the calculated RPD for replicate samples collected from well FWMW-10 exceeded the 30% quality criteria for all four primary target analytes.

In October 2019, the calculated RPD for PCE and TCE in replicate samples from FWMW-20 exceeded the 30% quality criteria.

In October 2019, the calculated RPD for vinyl chloride in replicate samples from FWMW-10 exceeded the 30% RPD criteria.

In April 2019, PCE results for FWMW-10 were rejected because the RPD between the primary sample and replicate was not sufficiently low for typical data qualification. Results for the

remaining analytes are “J” qualified, indicating that the reported results are estimated. In October 2019, the same qualification criteria are applied to results for vinyl chloride for FWMW-10, as well as results for PCE and TCE from FWMW-20.

During 2018-2020, the remaining replicate samples met the MQOs established in the QAPP (Marti, 2013) and are listed in Table B-3. A summary of equipment blank sample results is available in Table B-4.

During October 2018, PCE was detected in equipment blank samples at an estimated 0.82 ug/L. October 2018 sample results for PCE that are less than five times the method reporting limit (MRL) are qualified “JL”, indicating that the analyte (PCE) was detected and the reported estimate may be biased high. None of the remaining target analytes were detected in the equipment blank samples during October 2018.

During the spring of 2018, 2019, or 2020, none of the target analytes were detected in equipment blank samples. Also, during 2018-2020, none of the target analytes were detected in transport blank samples.

MEL follows strict quality assurance (QA) procedures to both ensure and later evaluate the quality of their analytical results (Ecology, 2016). A review of the data quality control and QA from laboratory case narratives indicates that overall analytical performance was fair.

Table B-2 lists the data quality codes MEL assigned to the 2018-2020 analytical results, as well as the reasons for qualification and pertinent analytes.

Table B-2. Analytical data qualification, 2018-2020.

Month & Year	Qualification Criteria ^{1,2}	Analyte	Affected Results
April/May 2018	LCS recovery exceeded QC limits	PCE	GMW-2, FWMW-5
	Surrogate recovery exceeded QC limits	TCE	FWMW-4, FWMW-24
		Cis-1,2-DCE Vinyl chloride	FWMW-24 FWMW-4, FWMW-24
	LCS recovery exceeded QC limits	PCE	FWMW-5, FWMW-6, FWMW-18, GMW-2, CYIMW107S, CYIMW103S
October 2018	CCV exceeded QC limits	Vinyl chloride	FWMW-10
	Surrogate recovery exceeded QC limits	PCE	FWMW-10
		TCE	FWMW-10, FWMW-24
		Cis-1,2-DCE	FWMW-10, FWMW-24
MS recovery exceeded QC limits	PCE	CYIMW102S	
	PCE	FWMW-10	
	CCV exceeded QC limits	Vinyl chloride	FWMW-5, FWMW-16
May 2019	Surrogate recovery exceeded QC limits	PCE	FWMW-6, FWMW-10, FWMW-24
		TCE	FWMW-6, FWMW-10, FWMW-24
		Cis-1,2-DCE	FWMW-10
		Vinyl chloride	FWMW-10
	Surrogate recovery exceeded QC limits	TCE	FWMW-20
	Sample was not properly preserved	TCE	FWMW-18
October 2019	BC recovery exceeded QC limits	Vinyl chloride	FWMW-16, FWMW-20, FWMW-10
	CCV exceeded QC limits	PCE	RI-6S, GMW-2, FWMW-5, FWMW-16, FWMW-24
	ITSD recovery exceeded QC limits	PCE	FWMW-4, FWMW-10 FWMW-20
		TCE	FWMW-10, FWMW-20
	MS recovery exceeded QC limits	PCE	CYIMW102S
November 2020	CCV exceeded QC limits	Vinyl chloride	FWMW-16

¹All results identified in Table B-2 are qualified "J", indicating that the reported result is an estimate.

²Qualification criteria codes and acronyms:

BC: Qualifier indicating instrument calibration metrics exceeded quality criteria

CCV: Continuing calibration verification

ITSD: Internal standard

LCS: Laboratory control sample

MS: Matrix spike

QC: Quality control

The 2018-2020 results are useable as qualified. Laboratory case narratives and reporting sheets are available upon request.

All field measurements and analytical result data are available in electronic format from Ecology's EIM data management system: www.ecology.wa.gov/eim/index.htm. Search Study ID: YRRA.

Table B-3. Summary of field replicate data quality for the Yakima Railroad Area study, 2018-2020.

Well	Date	Analyte	Primary Concentration	Duplicate Concentration	RPD or Absolute Difference ¹
GMW-2	5/2/2018	PCE	12.2 J	12.2J	0%
GMW-2	5/2/2018	TCE	1 U	1 U	0
GMW-2	5/2/2018	Cis-1,2-DCE	1 U	1 U	0
GMW-2	5/2/2018	VC	0.2 U	0.2 U	0
CYIMW103S	5/2/2018	PCE	10.1	9.91	1.90%
CYIMW103S	5/2/2018	TCE	1.02	0.98 J	0.04
CYIMW103S	5/2/2018	Cis-1,2-DCE	1.53	1.52	0.01
CYIMW103S	5/2/2018	VC	0.2 U	0.2 U	0
FWMW-10	5/4/2018	PCE	2870	2700	6.10%
FWMW-10	5/4/2018	TCE	3910	3800	2.85%
FWMW-10	5/4/2018	Cis-1,2-DCE	719	699	2.82
FWMW-10	5/4/2018	VC	208	203	5%
SGMW-2	10/23/2018	PCE	1.95	1.89	0.06
SGMW-2	10/23/2018	TCE	1 U	1 U	0
SGMW-2	10/23/2018	Cis-1,2-DCE	1 U	1 U	0
SGMW-2	10/23/2018	VC	0.2 U	0.2 U	0
GMW-2	10/23/2018	PCE	24.3 J	23.8 J	2.08%
GMW-2	10/23/2018	TCE	1 U	1 U	0
GMW-2	10/23/2018	Cis-1,2-DCE	1 U	1 U	0
GMW-2	10/23/2018	VC	0.2 U	0.2 U	0
FWMW-20	10/25/2018	PCE	92.6	102	9.66%
FWMW-20	10/25/2018	TCE	31.2	37.6	18.60%
FWMW-20	10/25/2018	Cis-1,2-DCE	275	273	0.73%
FWMW-20	10/25/2018	VC	198	197	0.51%
FWMW-10	10/25/2018	PCE	2400 J	2540	5.67%
FWMW-10	10/25/2018	TCE	3450 J	3600	4.26%
FWMW-10	10/25/2018	Cis-1,2-DCE	410 J	401	9%
FWMW-10	10/25/2018	VC	118 J	131 J	10.44
RI-5S	4/23/2019	PCE	2.34	3.1	0.76
RI-5S	4/23/2019	TCE	1 U	1 U	0
RI-5S	4/23/2019	Cis-1,2-DCE	1 U	1 U	0
RI-5S	4/23/2019	VC	0.2 U	0.2 U	0
GMW-1	4/23/2019	PCE	1 U	3.19	2.19
GMW-1	4/23/2019	TCE	1 U	1 U	0
GMW-1	4/23/2019	Cis-1,2-DCE	1 U	1 U	0
GMW-1	4/23/2019	VC	0.2 U	0.2 U	0
FWMW-10	4/26/2019	PCE	2160 J	4950 J	78.48%
FWMW-10	4/26/2019	TCE	1310	2120 J	47.23%
FWMW-10	4/26/2019	Cis-1,2-DCE	336	499 J	39.04%

Well	Date	Analyte	Primary Concentration	Duplicate Concentration	RPD or Absolute Difference ¹
FWMW-10	4/26/2019	VC	104	167 J	46.49%
SGMW-2	10/21/2019	PCE	1.25	0.95 J	0.03
SGMW-2	10/21/2019	TCE	1 U	1 U	0
SGMW-2	10/21/2019	Cis-1,2-DCE	1 U	1 U	0
SGMW-2	10/21/2019	VC	0.2 U	0.2 U	0
RI-6S	10/23/2019	PCE	8.49 J	10.9 J	24.86%
RI-6S	10/23/2019	TCE	1 U	1 U	0
RI-6S	10/23/2019	Cis-1,2-DCE	1 U	1 U	0
RI-6S	10/23/2019	VC	0.2 U	0.2 U	0
FWMW-20	10/24/2019	PCE	4120 J	6090 J	38.59%
FWMW-20	10/24/2019	TCE	2690 J	3710 J	31.88%
FWMW-20	10/24/2019	Cis-1,2-DCE	694	599	14.69%
FWMW-20	10/24/2019	VC	249 J	228 J	8.81%
FWMW-10	10/24/2019	PCE	5280 J	4790 J	9.73%
FWMW-10	10/24/2019	TCE	1460 J	1330 J	9.32%
FWMW-10	10/24/2019	Cis-1,2-DCE	150	146	2.70%
FWMW-10	10/24/2019	VC	72.8 J	51.7 J	33.90%
SGMW-2	11/16/2020	PCE	1.34	1.36	0.02
SGMW-2	11/16/2020	TCE	1 U	1 U	0
SGMW-2	11/16/2020	Cis-1,2-DCE	1 U	1 U	0
SGMW-2	11/16/2020	VC	0.2 U	0.2 U	0
RI-6S	11/18/2020	PCE	8.12	7.99	1.61%
RI-6S	11/18/2020	TCE	1 U	1 U	0
RI-6S	11/18/2020	Cis-1,2-DCE	1 U	1 U	0
RI-6S	11/18/2020	VC	0.2 U	0.2 U	0
FWMW-20	11/19/2020	PCE	15800	16900	1100
FWMW-20	11/19/2020	TCE	200	1940	3.05%
FWMW-20	11/19/2020	Cis-1,2-DCE	598	554	7.64%
FWMW-20	11/19/2020	VC	323 J	312 J	3.46%
FWMW-10	11/18/2020	PCE	21800	26300	4500
FWMW-10	11/18/2020	TCE	362	404	10.97%
FWMW-10	11/18/2020	Cis-1,2-DCE	200	230	30%
FWMW-10	11/18/2020	VC	71.1 J	81.6 J	13.75

¹RPD limits are applicable if concentrations are greater than 5 times the method reporting limit (MRL). For results less than 5 times the MRL, the absolute difference between the sample and replicate must be less than the MRL. Tabulated MRLs are typical of analyses performed at MEL. MRLs may vary depending on dilutions performed by the laboratory during analysis. Shaded cells indicate absolute difference values.

Table B-4. Summary of field and transport blank sample results, 2018-2020.

Blank Type	Date	PCE	TCE	Cis-1,2-DCE	VC
Field Blank	5/4/2018	1 U	1 U	1 U	0.2 U
Transport Blank	5/4/2018	1 U	1 U	1 U	0.2 U
Field Blank	10/25/2018	1 U	0.82 J	1 U	0.2 U
Transport Blank	10/25/2018	1 UJ	1 UJ	1 UJ	0.2 UJ
Field Blank	4/25/2019	1 U	1 U	1 U	0.2 U
Transport Blank	4/22/2019	1 UJ	1 UJ	1 UJ	0.2 UJ
Transport Blank	4/24/2019	1 UJ	1 UJ	1 UJ	0.2 UJ
Field Blank	10/24/2019	1 U	1 U	1 U	0.2 U
Transport Blank	10/24/2019	1 U	1 U	1 U	0.2 U
Field Blank	11/19/2020	1 U	1 U	1 U	0.2 U
Transport Blank	11/18/2020	1 U	1 U	1 U	0.2 U
Transport Blank	11/18/2020	1 U	1 U	1 U	0.2 U

Appendix C. Project Results, December 1997 – November 2020

Goodwill - City of Yakima

Table C-1: Summary of Analytical Results (ug/L) for Goodwill - City of Yakima, Dec 1997 to Nov 2020.

Date	YRRA GMW-1				YRRA GMW-2				YRRA GMW-4			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	1.4	0.18	2 U	2 U	9.8	2 U	2 U	2 U	7	2 U	2 U	2 U
3/1998	0.92 J	1 U	1 U	1 U	12	1 U	1 U	1 U	1.9	1 U	1 U	1 U
6/1998	1.6	1 U	1 U	1 UJ	7.7	1 U	1 U	1 UJ	7.3	1 U	1 U	1 UJ
8/1998	0.56 J	0.34 J	1 U	1 UJ	8.2 J	0.44 J	1 UJ	1 UJ	130 E	0.22 J	0.061 J	1 UJ
6/1999	3.43	0.15 U	0.1 U	0.14 U	5.36	0.15 U	0.1 U	0.14 U	4.18	0.15 U	0.1 U	0.14 U
9/1999	0.25 U	0.15 U	0.1 U	0.14 U	8.01	0.15 U	0.1 U	0.14 U	15.4	0.15 U	0.1 U	0.14 U
12/1999	0.77 J	0.15 U	0.1 U	0.14 U	14.2	0.15 U	0.1 U	0.14 U	2.23	0.15 U	0.1 U	0.14 U
3/2000	1	0.15 U	0.1 U	0.14 U	10.4	0.15 U	0.1 U	0.14 U	1.7	0.15 U	0.1 U	0.14 U
6/2000	--	--	--	--	4.4	0.15 U	0.1 U	0.14 U	5.6	0.15 U	0.1 U	0.14 U
8/2000	--	--	--	--	8.3	0.15 U	0.1 U	0.14 U	68	0.39	0.1 U	0.14 U
12/2000	--	--	--	--	11	0.15 U	0.1 U	0.14 U	2.5	0.15 U	0.1 U	0.14 U
3/2001	3.6	0.15 U	0.1 U	0.14 U	14	0.15 U	0.1 U	0.14 U	2.2	0.15 U	0.1 U	0.14 U
9/2001	4.7	0.2 U	0.2 U	0.2 U	6.8	0.2 U	0.2 U	0.2 U	19	0.22	0.2 U	0.2 U
3/2002	3	0.2 U	0.2 U	0.2 U	12	0.2 U	0.2 U	0.2 U	1.9	0.2 U	0.2 U	0.2 U
9/2002	4.3	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	8.3	0.2 U	0.2 U	0.2 U
3/2003	3.3	0.2 U	0.2 U	0.2 U	10	0.2 U	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U
9/2003	4.6	0.2 U	0.2 U	0.2 U	8.4	0.2 U	0.2 U	0.2 U	6.4	0.2 U	0.2 U	0.2 U
3/2004	2.4	0.2 U	0.2 U	0.2 U	16	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U
10/2004	2.6	0.2 U	0.2 U	0.2 U	5	0.2 U	0.2 U	0.2 U	3.8	0.2 U	0.2 U	0.2 U
3/2005	2.8	0.2 U	0.2 U	0.2 U	18	0.29	0.2 U	0.2 U	2.4	0.2 U	0.2 U	0.2 U
10/2005	--	--	--	--	25	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U
12/2005	1.5	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	--	--
4/2006	12	0.2 U	0.2 U	0.2 U	1.7	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U
10/2006	1.9	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U
4/2007	11	0.2 U	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U
10/2007	2.4	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U
4/2008	8.7	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2 U
10/2008	--	--	--	--	7.5	7.5	1 U	0.2 U	2.6	1 U	1 U	0.2 U
4/2009	7.5	1 U	1 U	0.2 U	1.1	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U
10/2009	3	1 U	1 U	0.2 U	6.6	1 U	1 U	0.2 U	1.9	1 U	1 U	0.2 U
4/2010	1.1	1 U	1 U	1 U	11	1 U	1 U	0.2 U	1.8	1 U	1 U	1 U
6/2011	3.4	1 U	1 U	0.2 U	11	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U
10/2011	1	0.2 U	0.2 U	0.2 U	6.9	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U
4/2012	1.5	0.2 U	0.2 U	0.2 U	9.4	0.2 U	0.2 U	0.2 U	1.4	0.2 U	0.2 U	0.2 U
10/2012	1.3	0.2 U	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U
5/2013	1 U	1 U	1 U	1 U	10	1 U	1 U	1 U	1.5	1 U	1 U	1 U
10/2013	1 U	1 U	1 U	1 U	14	1 U	1 U	1 U	1.1	1 U	1 U	1 U
4/2014	0.77 J	1 U	1 U	1 U	11 J	1 U	1 U	1 U	1.9 J	1 U	1 U	1 U
10/2014	0.54 J	1 U	1 U	0.2 U	2.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U
4/2015	0.68 J	1 UJ	1 UJ	0.2 UJ	10 J	1 UJ	1 UJ	0.2 UJ	1.8	1 U	1 U	0.2 U
10/2015	--	--	--	--	0.98 J	1 U	1 U	0.2 U	--	--	--	--
4/2016	0.2 J	1 U	1 U	0.2 U	6.6	1 U	1 U	0.2 U	1	1 U	1 U	0.2 U

Date	YRRA GMW-1				YRRA GMW-2				YRRA GMW-4			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
10/2016	--	--	--	--	0.8 J	1 U	1 U	0.2 U	--	--	--	--
4/2017	0.57 J	1 U	1 U	0.2 U	12	1 U	1 U	0.2 U	1.6	1 U	1 U	0.2 U
9/2017	--	--	--	--	5.4	1 U	1 U	1 U	--	--	--	--
5/2018	290	1 UJ	1 UJ	0.2 UJ	12 J	1 U	1 U	0.2 U	1.6	1 U	1 U	0.2 U
10/2018	--	--	--	--	24 J	1 U	1 U	0.2 U	--	--	--	--
4/2019	1 U	1 U	1 U	0.2 U	15	1 U	1 U	0.2 U	1.9	1 U	1 U	0.2 U
10/2019	--	--	--	--	11.8 J	1 U	1 U	0.2 U	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	--	--	--	--	4.7	1 U	1 U	0.2 U	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

E: Reported result is an estimate because it exceeds the calibration range.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results from GMW-1).

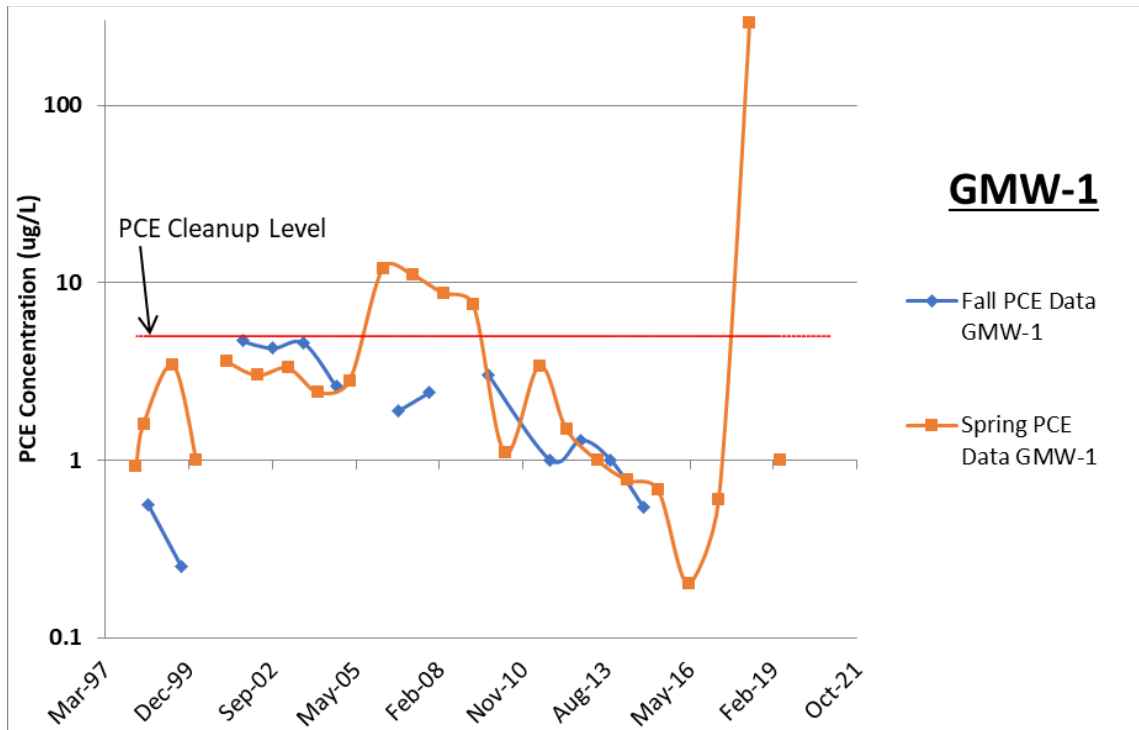


Figure C-1. Goodwill-Yakima, Well GMW-1 PCE Results (ug/L), March 1998 to April 2019.

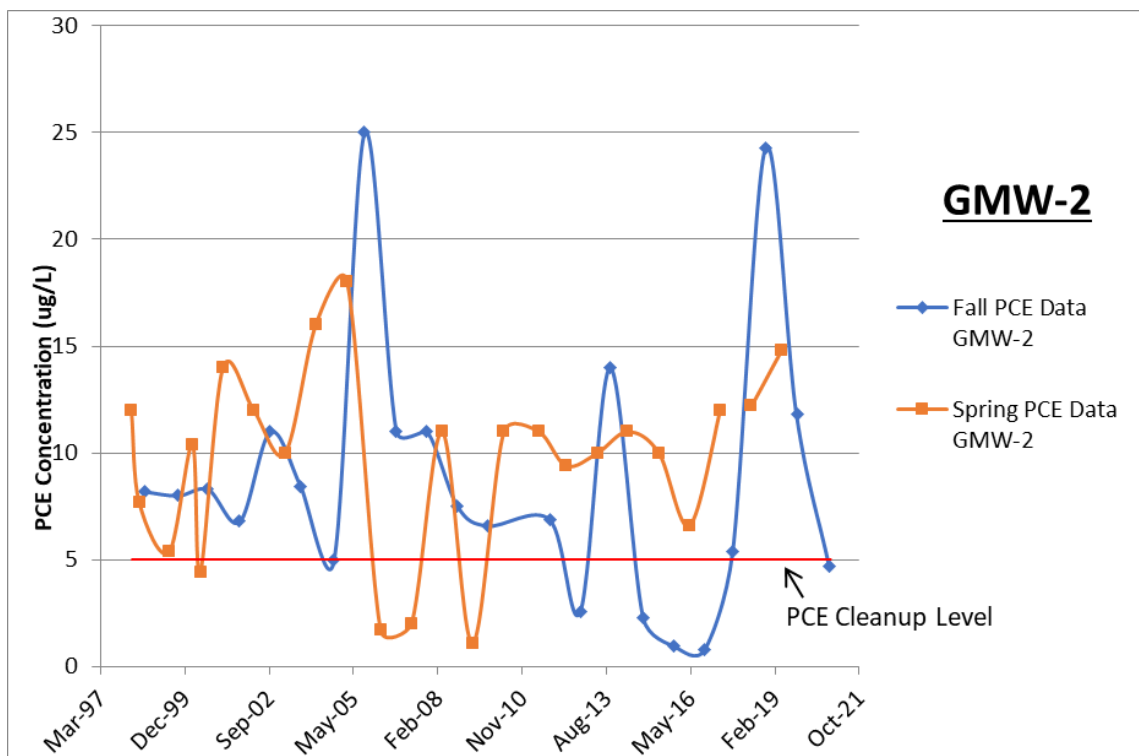


Figure C-2. Goodwill-Yakima, Well GMW-2 PCE Results (ug/L), March 1998 to November 2020.

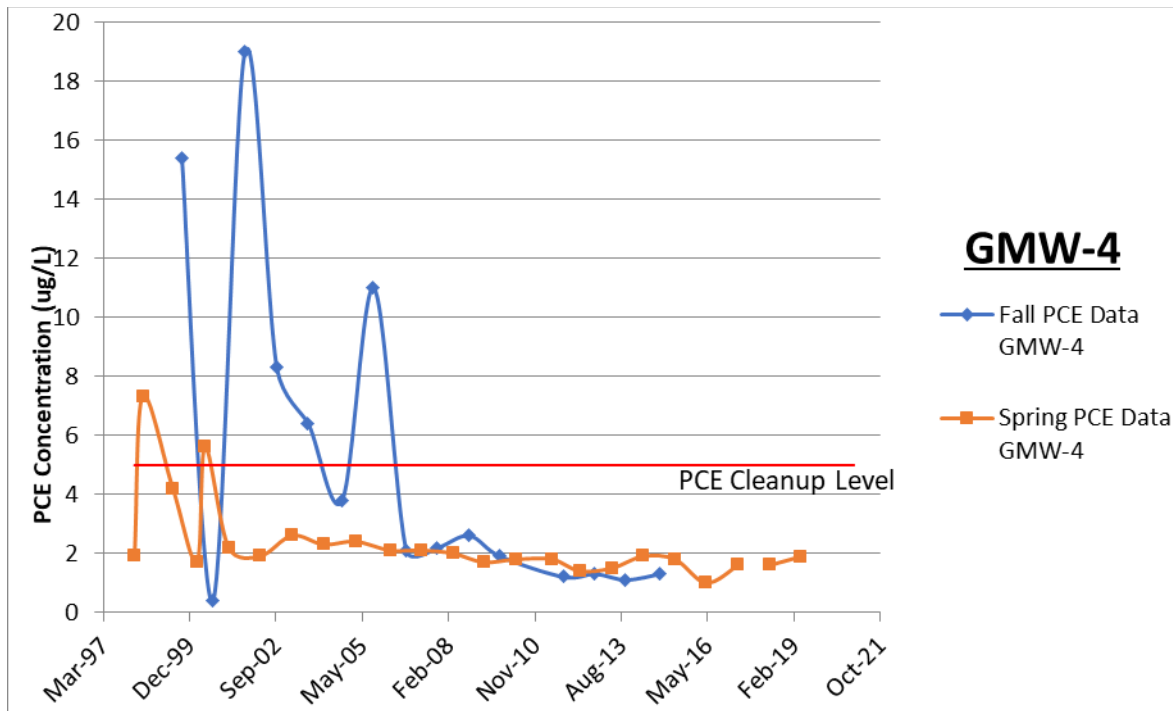


Figure C-3. Goodwill-Yakima, Well GMW-4 PCE Results (ug/L), March 1998 to April 2019.

Nu-Way Cleaners

Table C-2: Summary of Analytical Results (ug/L) for Nu-Way Cleaners, December 1997 to April 2019.

Date	YRRA				NMW-1				YRRA				NMW-2 ¹				YRRA				NMW-3			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	1.8	2 U	2 U	2 U	2	2 U	2 U	2 U	3	2 U	2 U	2 U	3	2 U	2 U	2 U	3	2 U	2 U	2 U	3	2 U	2 U	2 U
3/1998	4.4	1 U	1 U	1 U	3.4	1 U	1 U	1 U	3.7	1 U	1 U	1 U	3.7	1 U	1 U	1 U	3.7	1 U	1 U	1 U	3.7	1 U	1 U	1 U
6/1998	4.4	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ	3.8	1 U	1 U	1 UJ	3.8	1 U	1 U	1 UJ	3.8	1 U	1 U	1 UJ	3.8	1 U	1 U	1 UJ
8/1998	1.7 J	1 U	1 U	1 UJ	1.1 J	1 UJ	1 UJ	1 UJ	2.3 J	1 UJ	1 UJ	1 UJ	2.3 J	1 UJ	1 UJ	1 UJ	2.3 J	1 UJ	1 UJ	1 UJ	2.3 J	1 UJ	1 UJ	1 UJ
6/1999	5.28	0.15 U	0.1 U	0.14 U	2.9	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U
9/1999	2.72	0.15 U	0.1 U	0.14 U	1.1	0.15 U	0.1 U	0.14 U	3.17	0.15 U	0.1 U	0.14 U	3.17	0.15 U	0.1 U	0.14 U	3.17	0.15 U	0.1 U	0.14 U	3.17	0.15 U	0.1 U	0.14 U
12/1999	3.28	0.15 U	0.1 U	0.14 U	3.31	0.15 U	0.1 U	0.14 U	5.11	0.15 U	0.1 U	0.14 U	5.11	0.15 U	0.1 U	0.14 U	5.11	0.15 U	0.1 U	0.14 U	5.11	0.15 U	0.1 U	0.14 U
3/2000	2.63	0.15 U	0.1 U	0.14 U	2.9	0.15 U	0.1 U	0.14 U	5.36	0.15 U	0.1 U	0.14 U	5.36	0.15 U	0.1 U	0.14 U	5.36	0.15 U	0.1 U	0.14 U	5.36	0.15 U	0.1 U	0.14 U
6/2000	4.2	0.15 U	0.1 U	0.14 U	2.7	0.15 U	0.1 U	0.14 U	3.2	0.15 U	0.1 U	0.14 U	3.2	0.15 U	0.1 U	0.14 U	3.2	0.15 U	0.1 U	0.14 U	3.2	0.15 U	0.1 U	0.14 U
8/2000	1.8	0.15 U	0.1 U	0.14 U	1.5	0.15 U	0.1 U	0.14 U	2.1	0.15 U	0.1 U	0.14 U	2.1	0.15 U	0.1 U	0.14 U	2.1	0.15 U	0.1 U	0.14 U	2.1	0.15 U	0.1 U	0.14 U
12/2000	3.2	0.15 U	0.1 U	0.14 U	3.1	0.15 U	0.1 U	0.14 U	5.3	0.15 U	0.1 U	0.14 U	5.3	0.15 U	0.1 U	0.14 U	5.3	0.15 U	0.1 U	0.14 U	5.3	0.15 U	0.1 U	0.14 U
3/2001	2.1	0.15 U	0.1 U	0.14 U	2.3	0.15 U	0.1 U	0.14 U	3.6	0.15 U	0.1 U	0.14 U	3.6	0.15 U	0.1 U	0.14 U	3.6	0.15 U	0.1 U	0.14 U	3.6	0.15 U	0.1 U	0.14 U
9/2001	1.5	0.2 U	0.2 U	0.2 U	1.1	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U
3/2002	1.1	0.2 U	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U
9/2002	2	0.2 U	0.2 U	0.2 U	1.6	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U
3/2003	4.1	0.2 U	0.2 U	0.2 U	3.3	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U
9/2003	2	0.2 U	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U
3/2004	3.3	0.2 U	0.2 U	0.2 U	3.4	0.2 U	0.2 U	0.2 U	3.5	0.2 U	0.2 U	0.2 U	3.5	0.2 U	0.2 U	0.2 U	3.5	0.2 U	0.2 U	0.2 U	3.5	0.2 U	0.2 U	0.2 U
10/2004	0.99	0.2 U	0.2 U	0.2 U	1.1	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U
3/2005	2.1	0.24	0.2 U	0.2 U	2.4	0.2 U	0.2 U	0.2 U	3.6	0.2 U	0.2 U	0.2 U	3.6	0.2 U	0.2 U	0.2 U	3.6	0.2 U	0.2 U	0.2 U	3.6	0.2 U	0.2 U	0.2 U
10/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/2005	2.4	0.2 U	0.2 U	0.2 U	1.8	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U
4/2006	3.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U
10/2006	0.63	0.2 U	0.2 U	0.2 U	0.67	0.2 U	0.2 U	0.2 U	0.9	0.2 U	0.2 U	0.2 U	0.9	0.2 U	0.2 U	0.2 U	0.9	0.2 U	0.2 U	0.2 U	0.9	0.2 U	0.2 U	0.2 U
4/2007	0.79	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.47	0.2 U	0.2 U	0.2 U	0.47	0.2 U	0.2 U	0.2 U	0.47	0.2 U	0.2 U	0.2 U	0.47	0.2 U	0.2 U	0.2 U
10/2007	1.3	0.2 U	0.2 U	0.2 U	0.66	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U
4/2008	0.38	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.24	0.2 U	0.2 U	0.2 U	0.24	0.2 U	0.2 U	0.2 U	0.24	0.2 U	0.2 U	0.2 U	0.24	0.2 U	0.2 U	0.2 U
10/2008	0.63	1 U	1 U	0.2 U	0.8 U	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U
4/2009	1.8	1 U	1 U	0.2 U	1.9	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U
10/2009	1.7	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U
4/2010	2.3	1 U	1 U	0.2 U	2.4	1 U	1 U	0.2 U	4.8	1 U	1 U	0.2 U	4.8	1 U	1 U	0.2 U	4.8	1 U	1 U	0.2 U	4.8	1 U	1 U	0.2 U
6/2011	5.5	1 U	1 U	0.2 U	4	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U
10/2011	1.1	0.2 U	0.2 U	0.2 U	0.93	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U
4/2012	2.1	0.2 U	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.2 U	2.7	0.2 U	0.2 U	0.2 U	2.7	0.2 U	0.2 U	0.2 U	2.7	0.2 U	0.2 U	0.2 U	2.7	0.2 U	0.2 U	0.2 U
10/2012	1.6	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U
5/2013	1.6	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/2013	2.3	1 U	1 U	1 U	1.6	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/2014	2.3 J	1 U	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/2014	2.1	1 U	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	YRRA		NMW-1		YRRA		NMW-2 ¹		YRRA		NMW-3	
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
4/2015	2.1 J	1 UJ	1 UJ	0.2 UJ	--	--	--	--	--	--	--	--
10/2015	--	--	--	--	--	--	--	--	--	--	--	--
4/2016	2.6	1 U	1 U	0.2 U	--	--	--	--	--	--	--	--
10/2016	--	--	--	--	--	--	--	--	--	--	--	--
4/2017	2.5	0.59 J	1 U	0.2 U	--	--	--	--	--	--	--	--
9/2017	--	--	--	--	--	--	--	--	1.6	1 U	1 U	0.2 U
5/2018	2.1	1 U	1 U	0.2 U	--	--	--	--	--	--	--	--
10/2018	--	--	--	--	--	--	--	--	--	--	--	--
4/2019	2	1 U	1 U	0.2 U	--	--	--	--	--	--	--	--
10/2019	--	--	--	--	--	--	--	--	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	--	--	--	--	--	--	--	--	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

¹NMW-2 decommissioned in 2016.

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results for NMW-1 NMW-2, and NMW-3).

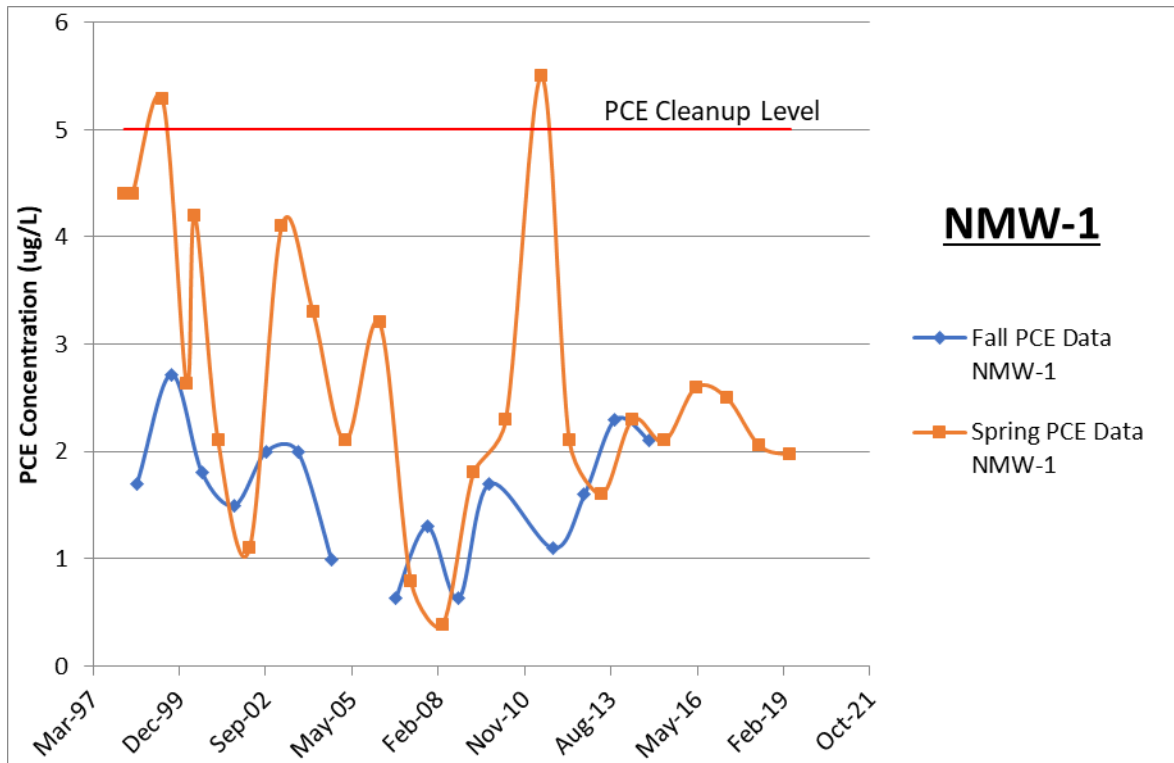


Figure C-4. Nu-Way Cleaners, Well NMW-1 PCE Results (ug/L), March 1998 to April 2019.

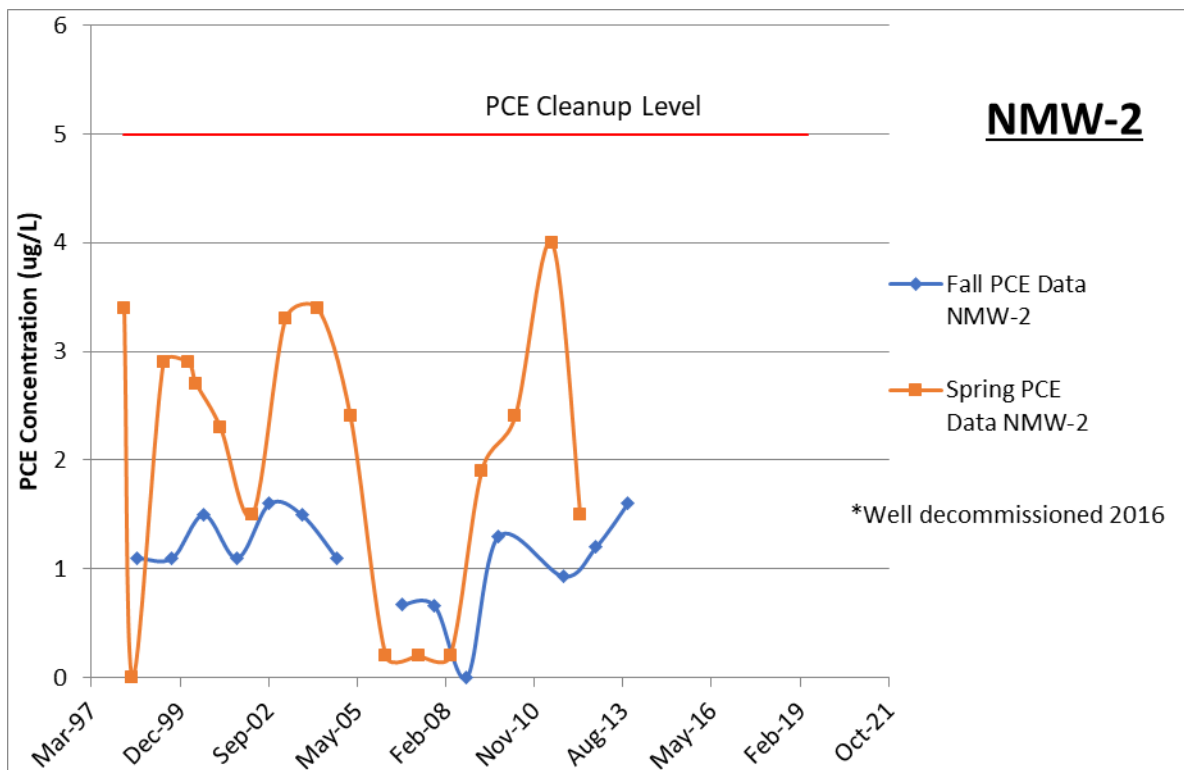


Figure C-5. Nu-Way Cleaners, Well NMW-2 PCE Results (ug/L), March 1998 to October 2013.

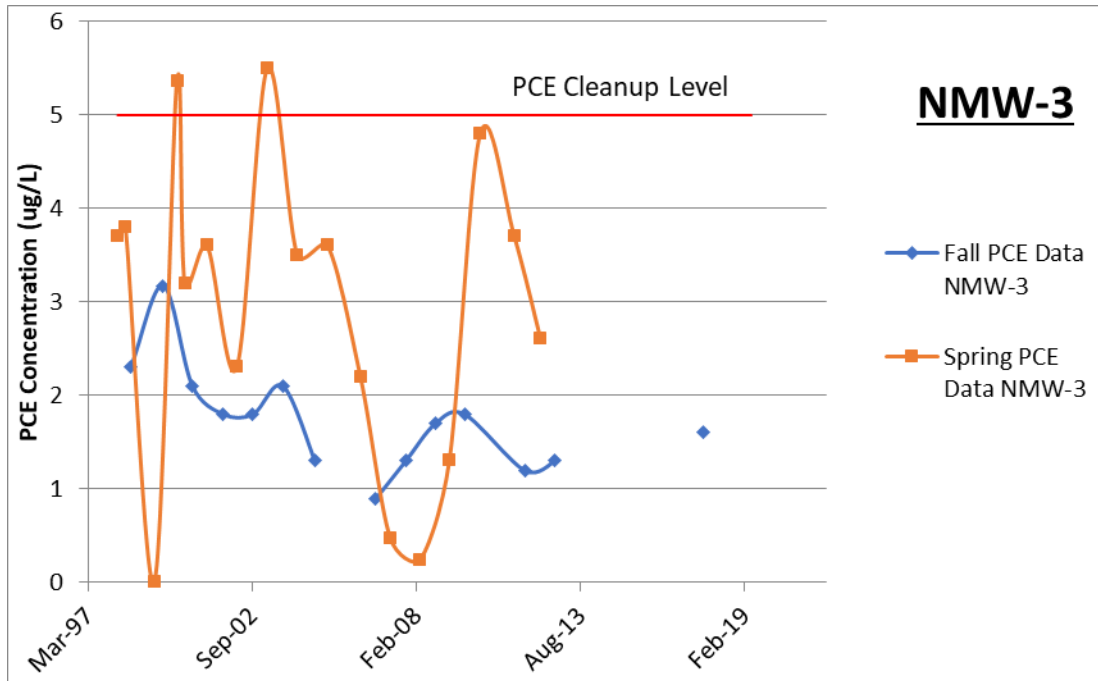


Figure C-6. Nu-Way Cleaners, Well NMW-3 PCE Results (ug/L), March 1998 to September 2017.

Southgate Laundry

Table C-3: Summary of Analytical Results (ug/L) for Southgate Laundry, Dec 1997 to Nov 2020.

Date	YRRA SGMW-1				YRRA SGMW-2				YRRA SGMW-3			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1999	2.23	0.15 U	0.1 U	0.14 U	27.4	0.15 U	0.1 U	0.14 U	21.2	0.15 U	0.1 U	0.14 U
9/1999	0.25 U	0.15 U	0.1 U	0.14 U	8.54	0.15 U	0.1 U	0.14 U	6.35	0.15 U	0.1 U	0.14 U
12/1999	1.54	0.15 U	0.1 U	0.14 U	4.72	0.65 J	0.1 U	0.14 U	4.39	0.37 J	0.1 U	0.14 U
3/2000	0.34 J	0.15 U	0.1 U	0.14 U	2.13	0.15 U	0.1 U	0.14 U	10.2	0.15 U	0.1 U	0.14 U
6/2000	1.2	0.15 U	0.1 U	0.14 U	26	0.15 U	0.1 U	0.14 U	29	0.15 U	0.1 U	0.14 U
8/2000	0.37	0.15 U	0.1 U	0.14 U	7.1	0.15 U	0.1 U	0.14 U	21	0.15 U	0.1 U	0.14 U
12/2000	0.82	0.15 U	0.1 U	0.14 U	5.5	0.15 U	0.1 U	0.14 U	3.5	0.15 U	0.1 U	0.14 U
3/2001	0.87	0.15 U	0.1 U	0.14 U	2.4	0.15 U	0.1 U	0.14 U	5.6	0.15 U	0.1 U	0.14 U
9/2001	0.34	0.2 U	0.2 U	0.2 U	8.6	0.2 U	0.2 U	0.2 U	15	0.2 U	0.2 U	0.2 U
3/2002	0.29	0.2 U	0.2 U	0.2 U	2.5	0.2 U	0.2 U	0.2 U	4.6	0.2 U	0.2 U	0.2 U
9/2002	0.38	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	16	0.2 U	0.2 U	0.2 U
3/2003	0.38	0.2 U	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.2 U	4.7	0.2 U	0.2 U	0.2 U
9/2003	0.51	0.2 U	0.2 U	0.2 U	8.1	0.2 U	0.2 U	0.2 U	22	0.2 U	0.2 U	0.2 U
3/2004	1.6	0.2 U	0.2 U	0.2 U	1.6	0.2 U	0.2 U	0.2 U	7.6	0.2 U	0.2 U	0.2 U
10/2004	0.34	0.2 U	0.2 U	0.2 U	5.2	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U
3/2005	4.8	0.2 U	0.2 U	0.2 U	6.4	0.23	0.2 U	0.2 U	8.1	0.21	0.2 U	0.2 U
10/2005	--	--	--	--	10	0.2 U	0.2 U	0.2 U	4	0.2 U	0.2 U	0.2 U
12/2005	0.35	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	--	--
4/2006	0.33	0.2 U	0.2 U	0.2 U	0.79	0.2 U	0.2 U	0.2 U	2.4	0.2 U	0.2 U	0.2 U
10/2006	0.35	0.2 U	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U	3.8	0.2 U	0.2 U	0.2 U
4/2007	0.49	0.2 U	0.2 U	0.2 U	0.82	0.2 U	0.2 U	0.2 U	4	0.2 U	0.2 U	0.2 U
10/2007	0.38	0.2 U	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U	4.4	0.2 U	0.2 U	0.2 U
4/2008	0.31	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	1.9	0.2 U	0.2 U	0.2 U
10/2008	0.8 U	1 U	1 U	0.2 U	2.7	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U
4/2009	1 U	1 U	1 U	0.2 U	0.6 J	1 U	1 U	0.2 U	3.2	1 U	1 U	0.2 U
10/2009	1 U	1 U	1 U	0.2 U	2.3	1 U	1 U	0.2 U	1.6	1 U	1 U	0.2 U
4/2010	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	0.2 U	2.8	1 U	1 U	0.2 U
6/2011	1 U	1 U	1 U	0.2 U	4.5	1 U	1 U	0.2 U	3.4	1 U	1 U	0.2 U
10/2011	0.2 U	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U	0.2 U	1.7	0.2 U	0.2 U	0.2 U
4/2012	0.23	0.2 U	0.2 U	0.2 U	0.34	0.2 U	0.2 U	0.2 U	1.9	0.2 U	0.2 U	0.2 U
10/2012	0.2 U	0.2 U	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2 U	--	--	--	--
5/2013	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1.7	1 U	1 U	1 U
10/2013	1 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	2.4	1 U	1 U	1 U
4/2014	0.83 J	1 U	1 U	1 U	0.89 J	1 U	1 U	1 U	1.9 J	1 U	1 U	1 U

Date	YRRA SGMW-1				YRRA SGMW-2				YRRA SGMW-3			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
10/2014	1 U	1 U	1 U	0.2 U	1.9	1 U	1 U	0.2 U	1.6	1 U	1 U	0.2 U
4/2015	--	--	--	--	--	--	--	--	--	--	--	--
10/2015	0.34 J	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	--	--	--	--
4/2016	--	--	--	--	--	--	--	--	--	--	--	--
10/2016	--	--	--	--	1.7 J	1 U	1 U	0.2 U	1.7 J	1 U	1 U	0.2 U
4/2017	--	--	--	--	--	--	--	--	--	--	--	--
9/2017	1 U	1 U	1 U	0.2 U	1.2	1 U	1 U	1 U	0.82 J	1 U	1 U	1 U
5/2018	--	--	--	--	--	--	--	--	--	--	--	--
10/2018	0.65 J	1 U	1 U	0.2 U	2	1 U	1 U	0.2 U	2.3	1 U	1 U	0.2 U
4/2019	--	--	--	--	--	--	--	--	--	--	--	--
10/2019	1 U	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	2.1	1 U	1 U	0.2 U
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	0.42 J	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results from SGMW-1).

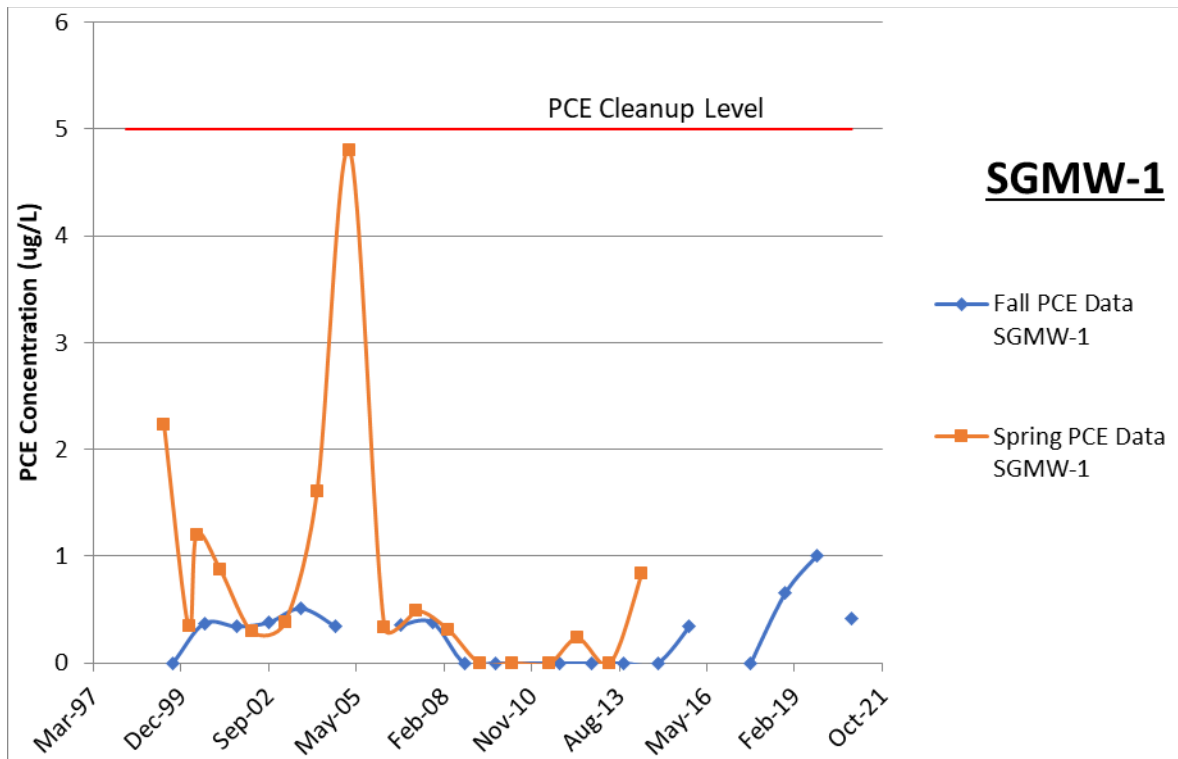


Figure C-7. Southgate Laundry, Well SGMW-1 PCE Results (ug/L), June 1999 to November 2020.

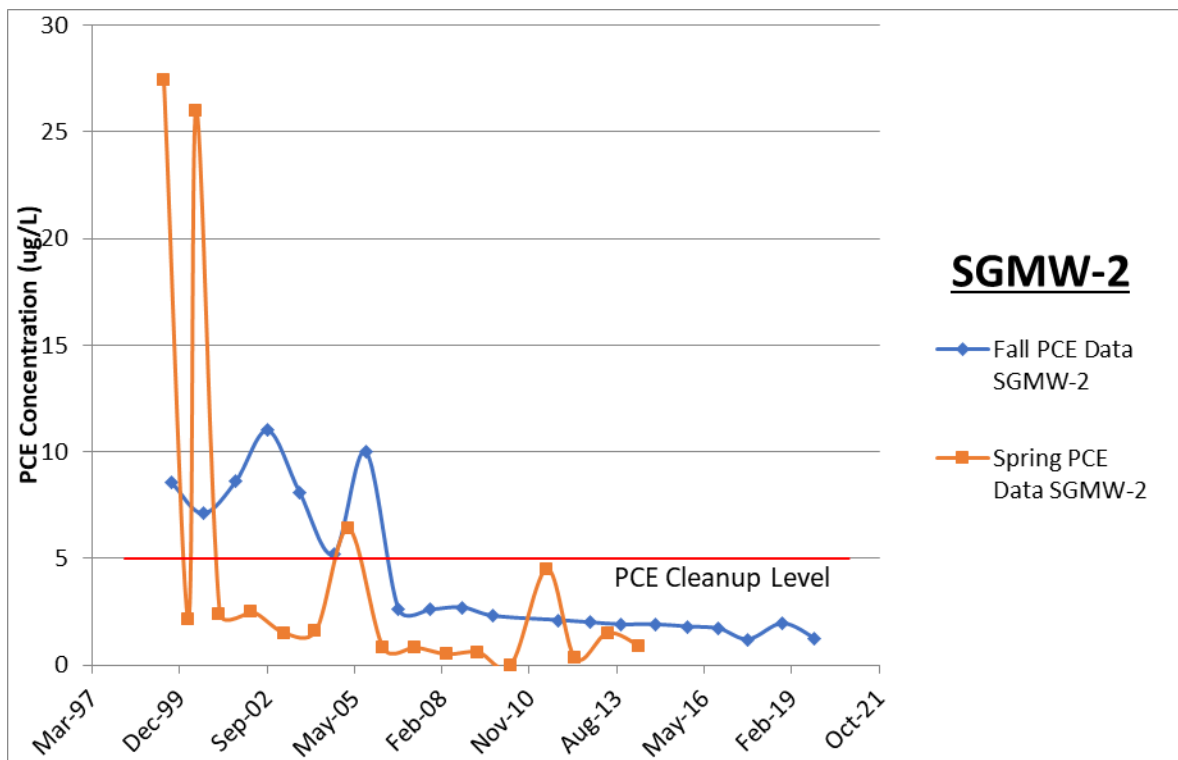


Figure C-8. Southgate Laundry, Well SGMW-2 PCE Results (ug/L), June 1999 to November 2020.

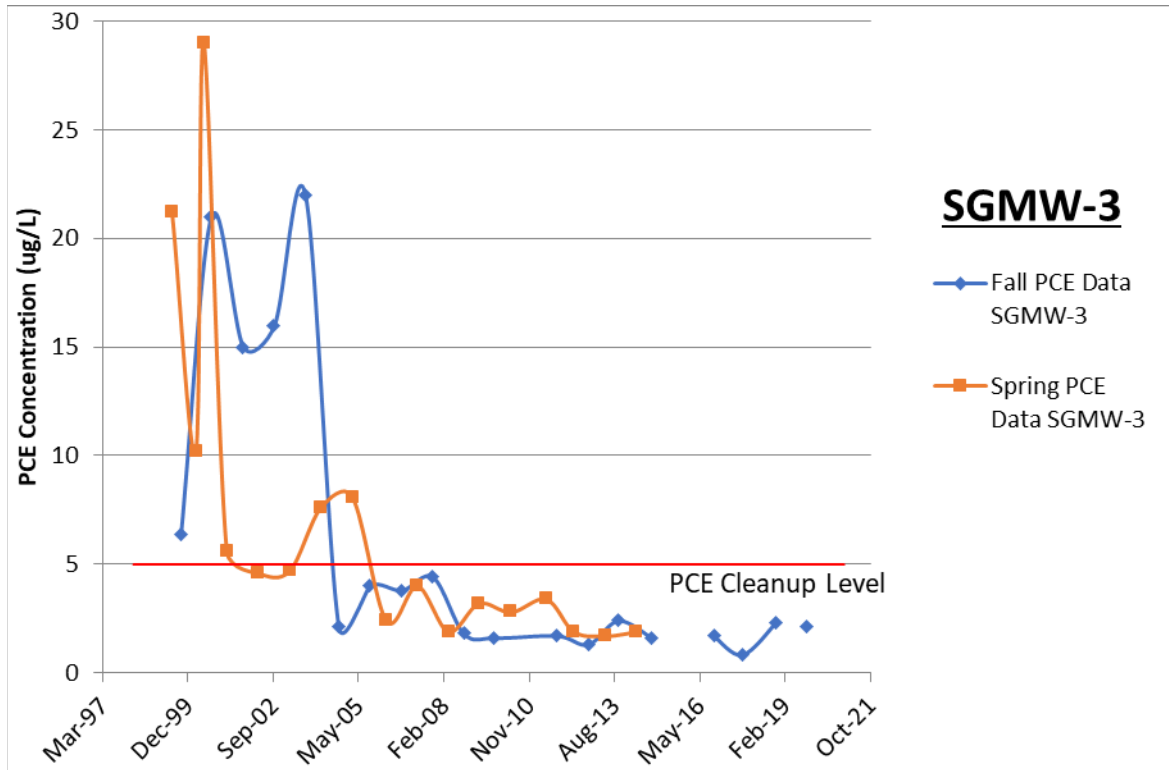


Figure C-9. Southgate Laundry, Well SGMW-3 PCE Results (ug/L), June 1999 to November 2020.

Washington Central Railroad Roundhouse

Table C-4: Summary of Analytical Results (ug/L) for Washington Central Railroad Roundhouse, December 1997 to November 2020.

Date	YRRA WDOE-3S				YRRA WDOE-3I				YRRA WDOE-3D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	11	1.2 J	0.25 J	0.59 J	--	--	--	--
3/1998	--	--	--	--	4.1	1.3	0.88 J	2.7	--	--	--	--
6/1998	--	--	--	--	20	1.3	1 U	1 UJ	--	--	--	--
8/1998	--	--	--	--	18	0.88 J	0.04 J	1 UJ	--	--	--	--
6/1999	50.9	ND	ND	ND	35.1	2.17	ND	0.23 J	16.4	1.76	ND	0.98 J
9/1999	21.2	ND	ND	ND	28.2	0.93 J	ND	ND	13.3	1.75	ND	1.19
12/1999	40.8	ND	ND	ND	17.4	2.86	0.91 J	2.03	15.3	2.23	0.77 J	1.55
3/2000	--	--	--	--	0.61 J	ND	0.68 J	3.24	7.99	1.54	ND	2.03
6/2000	90	0.71	ND	ND	42	1.9	0.27	0.36	1.6	3.2	0.3	0.62
8/2000	11	ND	ND	ND	20	1.1	0.2	0.21	12	2	0.59	1.2
12/2000	--	--	--	--	--	--	--	--	--	--	--	--
3/2001	--	--	--	--	1.2	0.45	0.54	7.5	8.1	1.7	0.61	3.6
9/2001	9.3	< 0.2	< 0.2	< 0.2	15	1.6	0.33	0.5	9.4	1.8	0.46	1.1
3/2002	--	--	--	--	0.74	0.51	0.35	3	7.3	1.6	0.38	1.4
9/2002	8.7	< 0.2	< 0.2	< 0.2	15	1.2	0.27	0.26	9.4	1.7	0.48	0.74
3/2003	--	--	--	--	< 0.2	1	0.58	2.2	7.8	1.7	0.35	1.1
9/2003	9.1	< 0.2	< 0.2	< 0.2	15	1.8	0.34	0.64	12	1.9	0.32	0.89
3/2004	--	--	--	--	< 0.2	0.47	0.32	2.8	9.1	1.8	0.4	1
10/2004	5.5	< 0.2	< 0.2	< 0.2	8.8	1.9	0.47	0.99	7.7	1.9	0.38	1.1
3/2005	--	--	--	--	0.32	0.35	0.37	3.5	11	1.9	0.48	1.1
10/2005	13	< 0.2	< 0.2	< 0.2	18	1.1	0.36	0.65	9	1.4	0.39	0.92
12/2005	--	--	--	--	--	--	--	--	--	--	--	--
4/2006	--	--	--	--	0.22	0.46	0.45	4.5	5.8	1.8	0.5	1.5
10/2006	4.5	< 0.2	< 0.2	< 0.2	9.1	1.3	0.42	0.47	7.3	1.6	0.39	0.62
4/2007	--	--	--	--	0.5	0.74	0.76	4.4	6.5	2	0.56	0.87
10/2007	5.5	< 0.2	< 0.2	< 0.2	11	1.1	0.41	0.41	8.5	1.7	0.41	0.59
4/2008	--	--	--	--	0.61	0.53	0.69	5.7	6.3	1.7	0.45	0.92
10/2008	7.9	1 U	1 U	0.2 U	11	1.3	1 U	0.2 U	8.8	1.7	1 U	0.2 U
4/2009	--	--	--	--	0.13 J	0.69 J	3.1	0.2 U	9.9	2.9	2.9	0.2 U
10/2009	11	1 U	1 U	0.2 U	13	2.2	1 U	0.85	11	2.3	1 U	0.5
4/2010	--	--	--	--	2.4	1.1	1 U	3.8	8.9	2.5	1 U	1 U
6/2011	--	--	--	--	REJ				REJ			
10/2011	8.8	0.2 U	0.2 U	0.2 U	7.9	4.1	1.8	1.2	9.6	2	0.42	0.2 U
4/2012	--	--	--	--	1.1	1.1	1.3	4.2	7.1	2.1	0.54	0.27
10/2012	8.7	0.2 U	0.2 U	0.2 U	6.9	5.5	2.1	0.99	9.7	2.1	0.4	0.2 U
5/2013	--	--	--	--	4.3	3.2	2.6	6.4	13	3.4	1	0.49 J

Date	YRRA WDOE-3S				YRRA WDOE-3I				YRRA WDOE-3D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
10/2013	19	1 U	1 U	1 U	8.2	4.8	3.5	3.1	15	2.5	0.36 J	1 U
4/2014	--	--	--	--	1.6 J	3	2.5	8.9	11 J	3.5	1	0.46 J
10/2014	12	1.8	16	0.2 U	10	15	48	4.2	15	5	8.7	0.56
4/2015	--	--	--	--	--	--	--	--	--	--	--	--
10/2015	11	1.1	4.1	0.11 J	5.6	4.5	12	41 J	13	3.9	7.1	3.9 J
4/2016	--	--	--	--	--	--	--	--	--	--	--	--
10/2016	10	1.1	1.8	0.2 U	12	4.6	6.4	3.7 J	11	3.8	4.6	0.53
4/2017	--	--	--	--	--	--	--	--	--	--	--	--
9/2017	--	--	--	--	--	--	--	--	--	--	--	--
5/2018	--	--	--	--	--	--	--	--	--	--	--	--
10/2018	--	--	--	--	--	--	--	--	--	--	--	--
4/2019	--	--	--	--	1.2	1.2	3.2	2.7	6.1	2.7	2.8	0.2 U
10/2019	--	--	--	--	--	--	--	--	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	20	1.1	1.5	0.2 U	14.35	4.95	5.045	4.9 J	11.85	3.65	22.85	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

ND: Analyte was not detected.

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to June 2011 results from WDOE-3S, WDOE-2I, and WDOE-3D).

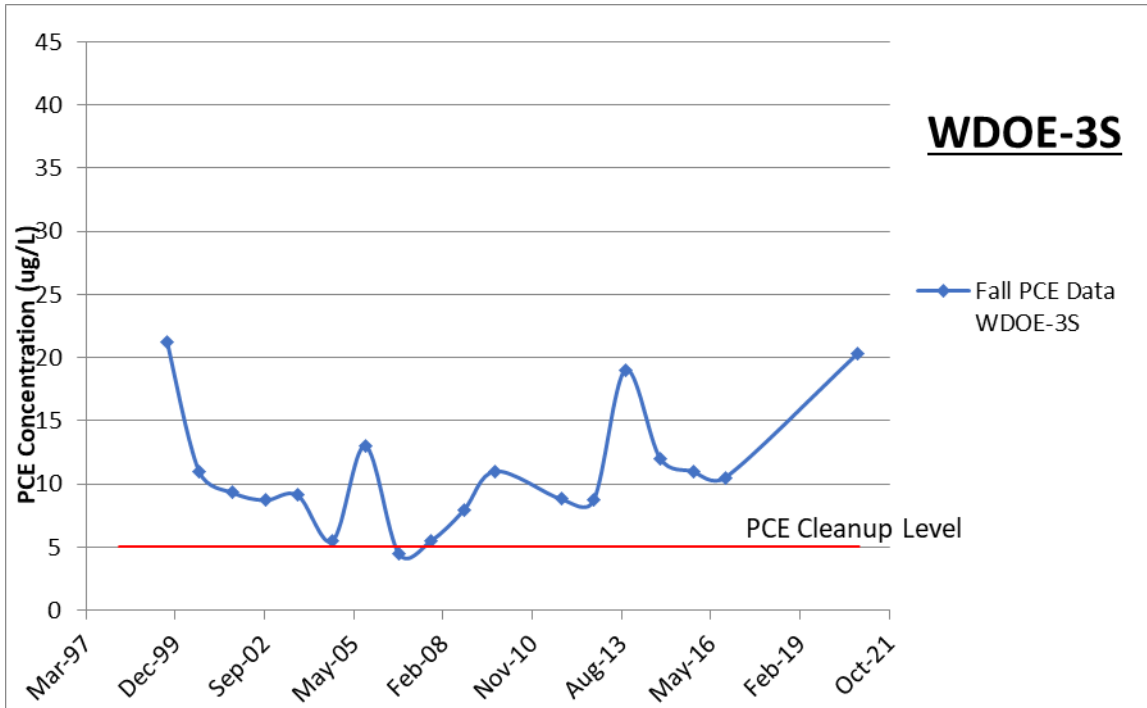


Figure C-10. Washington Central Railroad Roundhouse, Well WDOE-3S PCE Results (ug/L), September 1999 to November 2020.

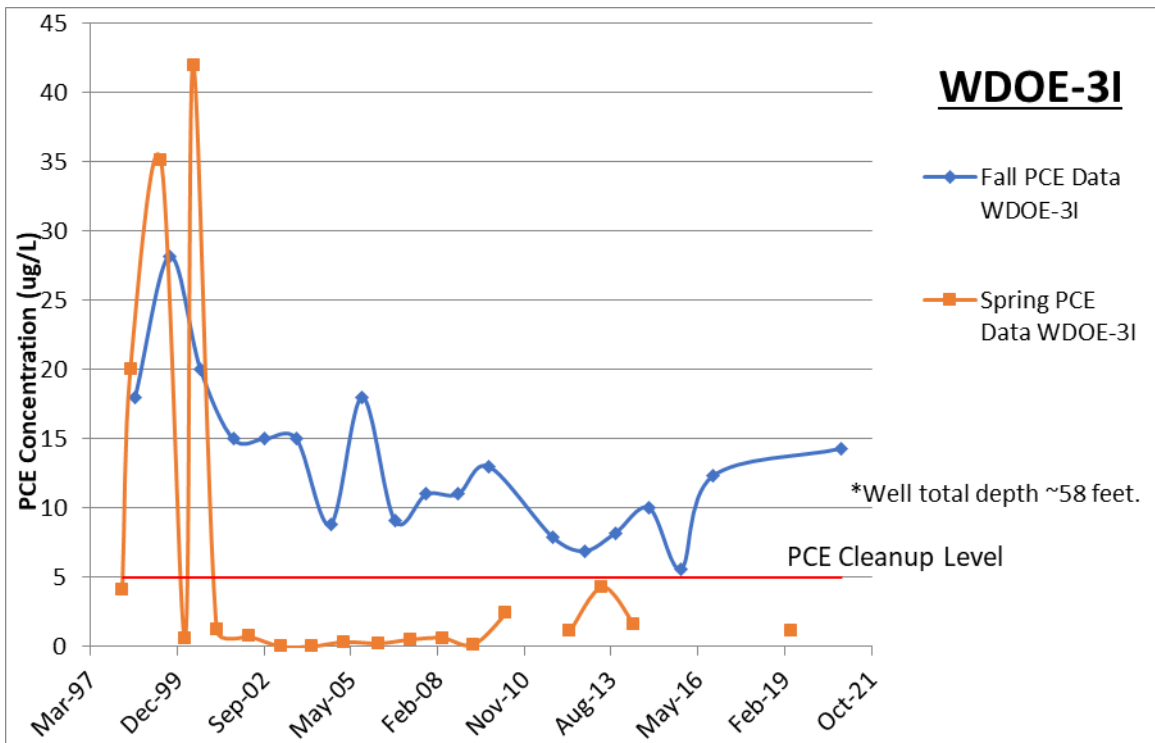


Figure C-11. Washington Central Railroad Roundhouse, Well WDOE-3I PCE Results (ug/L), March 1998 to November 2020.

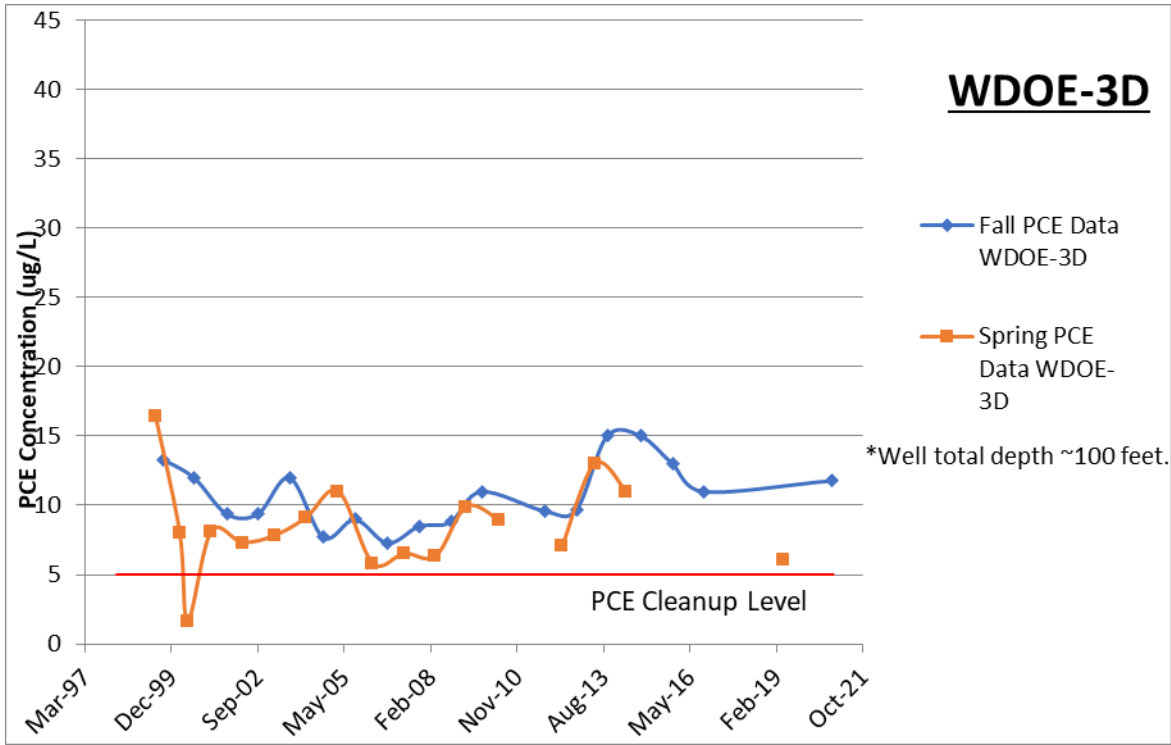


Figure C-12. Washington Central Railroad Roundhouse, Well WDOE-3D PCE Results (ug/L), June 1999 to November 2020.

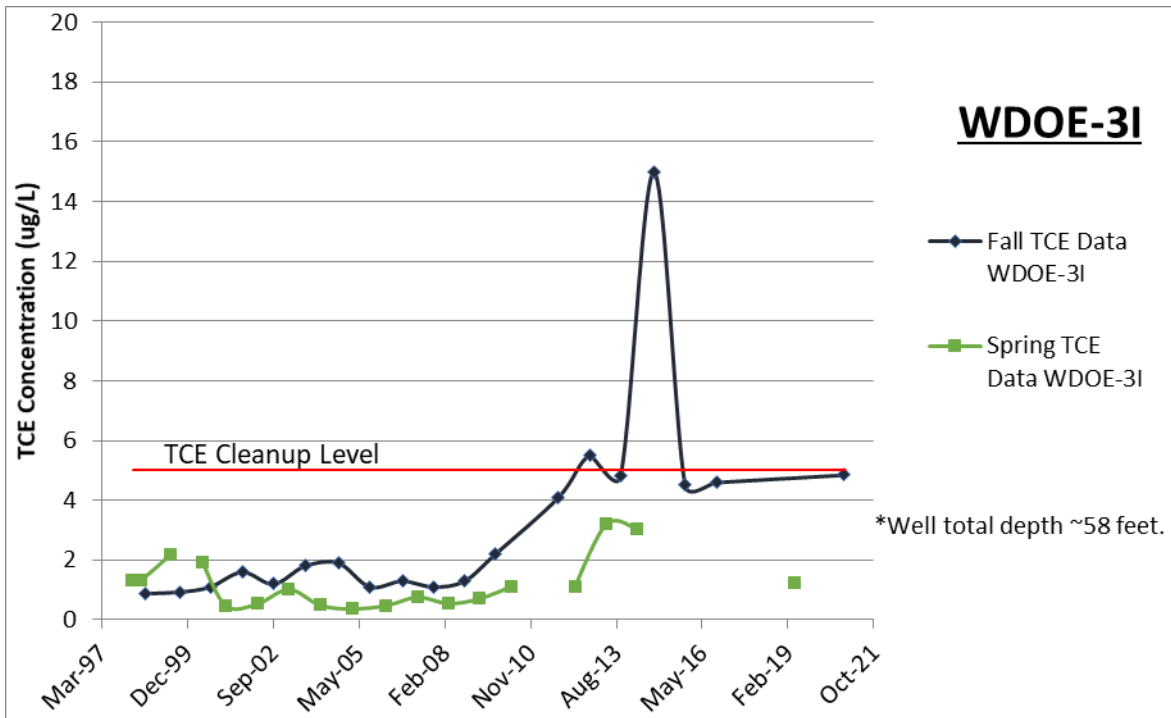


Figure C-13. Washington Central Railroad Roundhouse, Well WDOE-3I TCE Results (ug/L), June 1999 to to November 2020.

Fifth Wheel Truck Repair & Agri-Tech/Yakima Steel

Table C-5: Summary of Analytical Results (ug/L) for Fifth Wheel Truck Repair and Agri-Tech/Yakima Steel, June 1999 to November 2020.

Date	YRRA				ATMW-4			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
6/1999	3.74	ND	ND	ND	2.04	ND	2.15	ND
9/1999	11.3	ND	ND	ND	4.07	0.73 J	4.95	ND
12/1999	8.1	0.19 J	ND	ND	3.93	0.94 J	4.77	ND
3/2000	4.17	ND	ND	ND	3.11	ND	3.32	ND
6/2000	ND	ND	ND	ND	4.3	0.66	2.8	ND
8/2000	5.3	ND	ND	ND	3.8	1.1	5.7	ND
12/2000	7.7	ND	ND	ND	5.7	1.3	1.4	ND
3/2001	4.3	ND	ND	ND	4.1	0.94	1.5	ND
9/2001	8.1	< 0.2	< 0.2	< 0.2	4.3	1.3	1.8	< 0.2
3/2002	3.2	< 0.2	< 0.2	< 0.2	4	0.94	0.68	< 0.2
9/2002	6.8	< 0.2	< 0.2	< 0.2	5.2	1.2	1	< 0.2
3/2003	3.5	< 0.2	< 0.2	< 0.2	4.2	0.84	2	< 0.2
9/2003	8.8	< 0.2	< 0.2	< 0.2	6.8	1.1	3	< 0.2
3/2004	3.1	0.59	< 0.2	< 0.2	0.23	< 0.2	0.59	< 0.2
10/2004	1.9	< 0.2	< 0.2	< 0.2	5.4	0.69	2.2	< 0.2
3/2005	2.8	< 0.2	< 0.2	< 0.2	5	0.71	2.2	< 0.2
10/2005	--	--	--	--	--	--	--	--
12/2005	3.7	0.59	0.32	< 0.2	6.3	0.66	0.29	< 0.2
4/2006	0.21	0.35	1.2	< 0.2	4.3	0.54	0.68	< 0.2
10/2006	6.6	0.27	< 0.2	< 0.2	5	0.76	2.6	< 0.2
4/2007	2	< 0.2	< 0.2	< 0.2	4.1	0.52	1.4	< 0.2
10/2007	7.8	< 0.2	< 0.2	< 0.2	6	0.6	1.3	< 0.2
4/2008	1.8	< 0.2	< 0.2	< 0.2	3.4	0.48	1.7	< 0.2
10/2008	6.1	1 U	1 U	0.2 U	5.9	1 U	1 U	0.2 U
4/2009	1.3	1 U	1 U	0.2 U	4.8	0.64 J	4.2	0.2 U
10/2009	7.5	1 U	1 U	0.2 U	6.1	1 U	1.4	0.2 U
4/2010	1.9	1 U	1 U	0.2 U	3.9	1 U	1 U	0.2 U
6/2011	2.7	1 U	1 U	0.2 U	5.7	1 U	1	0.2 U
10/2011	3.8	0.2 U	0.2 U	0.2 U	4.8	0.39	0.46	0.2 U
4/2012	1.1	0.2 U	0.2 U	0.2 U	3.2	0.61	2.3	0.2 U
10/2012	3.5	0.21	0.2 U	0.2 U	3	0.26	0.87	0.2 U
5/2013	1.5	1 U	1 U	1 U	3	0.52 J	3.1	1 U
10/2013	5.9	1 U	1 U	1 U	6.5	1 U	0.62 J	1 U
4/2014	1.9 J	1 U	1 U	1 U	2.7 J	0.67 J	3.6	1 U
10/2014	7.6	2	18	0.2 U	6.3	0.51 J	1.2	0.2 U
4/2015	--	--	--	--	--	--	--	--
10/2015	5.5	0.96 J	3.3	0.2 U	6.1	0.59 J	2.6	0.2 U
4/2016	--	--	--	--	--	--	--	--

Date	YRRA		5WMW-2		YRRA		ATMW-4	
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
10/2016	7.5 J	0.82 J	1.1	0.2 U	--	--	--	--
4/2017	--	--	--	--	--	--	--	--
9/2017	4.2	1 U	0.53 J	1 U	4.2	1 U	1.3	0.2 U
5/2018	--	--	--	--	--	--	--	--
10/2018	5	1 U	0.54 J	0.2 U	--	--	--	--
4/2019	--	--	--	--	--	--	--	--
10/2019	3.9	1 U	1 U	0.2 UJ	--	--	--	--
4/2020	--	--	--	--	--	--	--	--
11/2020	2.3	1 U	1 UJ	0.2 U	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2

ND: Analyte was not detected.

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results from 5WMW-2 and ATMW-2).

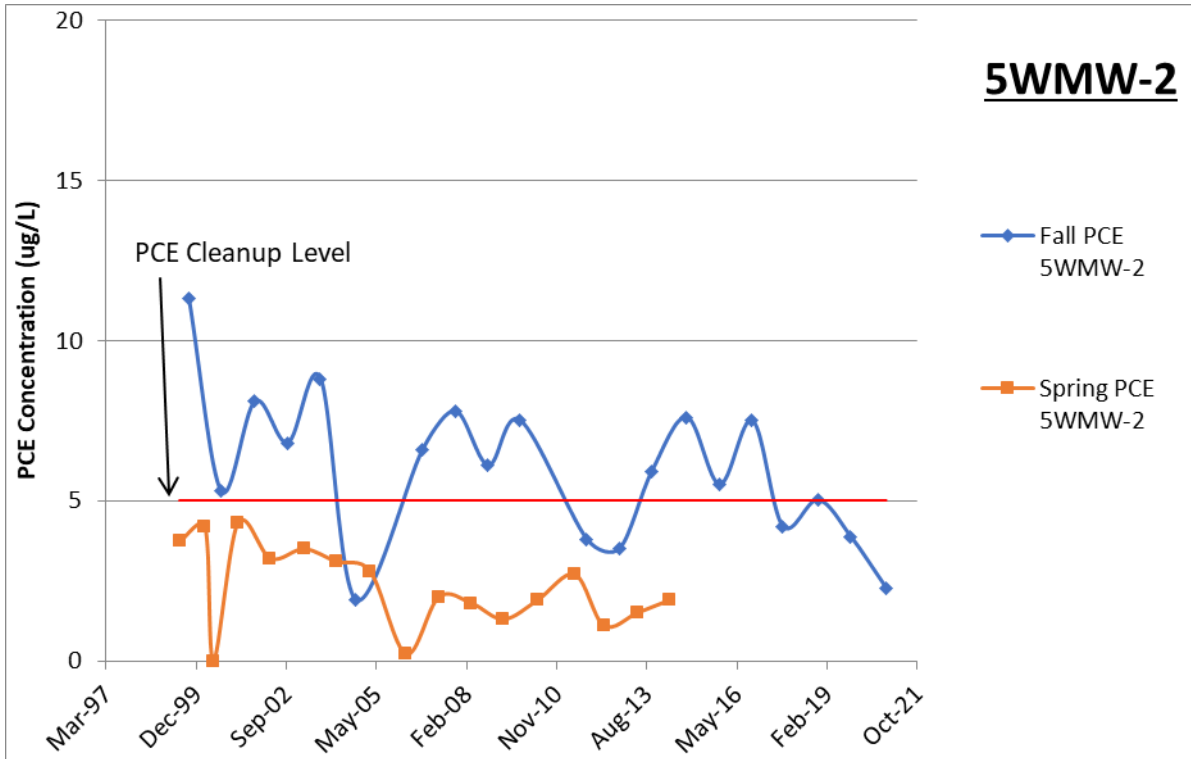


Figure C-14. Fifth Wheel Truck Repair, Well 5WMW-2 PCE Results (ug/L), June 1999 to November 2020.

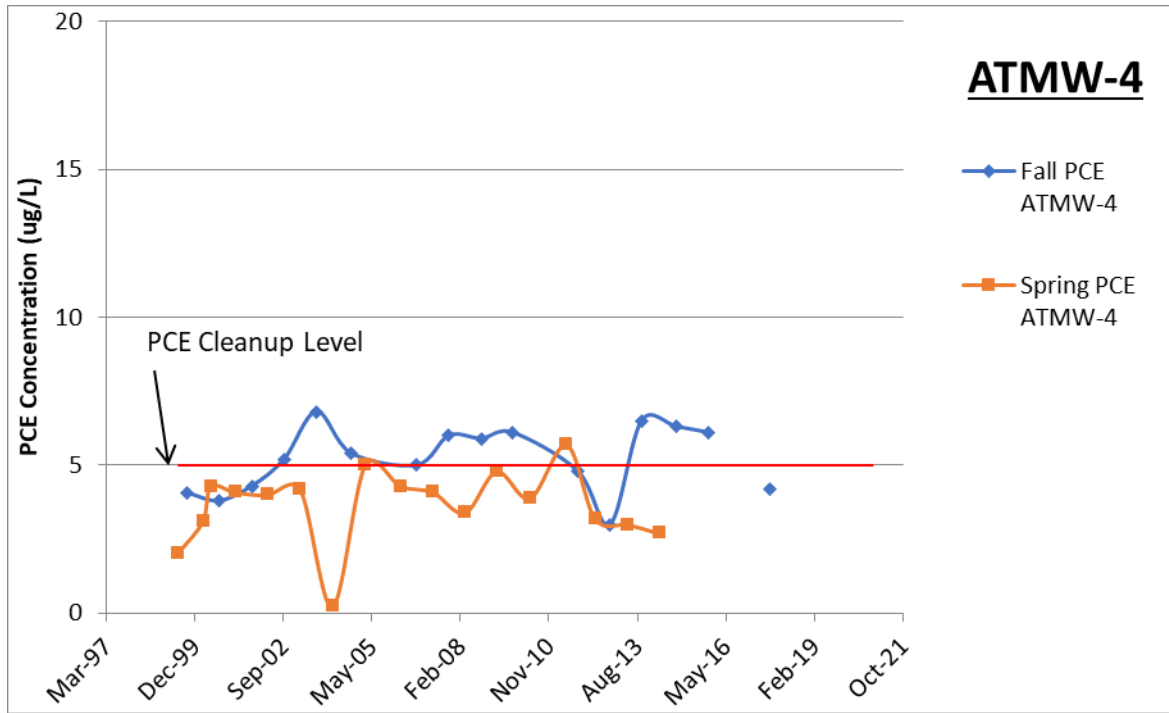


Figure C-15. Agri-Tech/Yakima Steel, Well ATMW-4 PCE Results (ug/L), June 1999 to September 2017.

Cameron Yakima

Table C-6: Summary of Analytical Results (ug/L) for Cameron Yakima, Inc., December 1997 to November 2020.

Date	YRRA CYIMW102S				YRRA CYIMW103S				YRRA CYIMW103D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	11	0.47 J	2 U	2 U	26	1.2 J	2.6	2 U	2.6	2 U	2 U	2 U
3/1998	11	0.5 J	0.2 J	1 U	91 E	3.8	16	1 U	3.3	1 U	1 U	1 U
6/1998	11	0.66 J	1.7	1 U	64 E	4.1	90 E	1 U	5	0.11 J	0.23 J	1 U
8/1998	70 E	4.9 J	45	2 UJ	118 E	4 J	26 J	1 UJ	3.9 J	1 UJ	1 UJ	1 UJ
6/1999	15.3	0.93 J	3.61	ND	55.3	3.9	31.3	ND	5.23	0.25 J	ND	0.23 J
9/1999	71.6	3.4	12.6	ND	139	4.54	17	ND	4.85	ND	ND	ND
12/1999	--	--	--	--	--	--	--	--	--	--	--	--
3/2000	--	--	--	--	--	--	--	--	--	--	--	--
6/2000	6.3	0.35	ND	ND	27	ND	2.6	ND	5.1	ND	ND	ND
8/2000	16	0.55	ND	ND	6.8	0.27	0.55	ND	4.3	ND	ND	ND
12/2000	17	0.48	ND	ND	30	1	1.1	ND	5	ND	ND	ND
3/2001	12	0.48	ND	ND	57	2.5	4.4	ND	4.4	ND	ND	ND
9/2001	13	0.49	<0.2	<0.2	33	1.2	0.98	<0.2	4.1	<0.2	<0.2	<0.2
3/2002	7.9	0.33	<0.2	<0.2	31	1.6	1.6	<0.2	3.7	<0.2	<0.2	<0.2
9/2002	12	0.41	<0.2	<0.2	21	0.76	0.57	<0.2	--	--	--	--
3/2003	6.8	0.29	<0.2	<0.2	26	1.2	0.92	<0.2	4	<0.2	<0.2	<0.2
9/2003	12	0.42	<0.2	<0.2	16	0.57	<0.2	<0.2	4.4	<0.2	<0.2	<0.2
3/2004	8.6	0.32	<0.2	<0.2	25	0.8	0.69	<0.2	3.7	0.2	<0.2	<0.2
10/2004	--	--	--	--	15	0.35	<0.2	<0.2	3.8	<0.2	<0.2	<0.2
3/2005	11	0.47	<0.2	<0.2	18	0.8	0.71	<0.2	3.8	<0.2	<0.2	<0.2
10/2005	15	0.29	0.2 U	0.2 U	16	0.32	0.2 U	0.2 U	4	0.2 U	0.2 U	0.2 U
12/2005	--	--	--	--	--	--	--	--	--	--	--	--
4/2006	6.6	0.28	<0.2	<0.2	13	0.52	0.44	<0.2	3.3	<0.2	<0.2	<0.2
10/2006	8.3	0.24	0.2 U	0.2 U	9.7	0.26	<0.2	<0.2	3	0.2 U	0.2 U	0.2 U
4/2007	5.2	0.22	0.2 U	0.2 U	13	0.52	0.47	0.2 U	3.5	0.2 U	0.2 U	0.2 U
10/2007	9.3	0.27	0.2 U	0.2 U	9	0.26	0.2 U	0.2 U	3	0.2 U	0.2 U	0.2 U
4/2008	5.1	<0.2	<0.2	<0.2	10	0.38	0.38	<0.2	2.3	<0.2	<0.2	<0.2
10/2008	6.3	1 U	1 U	0.2 U	5.9	1 U	1 U	0.2 U	2.7	1 U	1 U	0.2 U
4/2009	5.8	1 U	1 U	0.2 U	12	1 U	2.7	0.2 U	3.1	1 U	1 U	0.2 U
10/2009	11	1 U	1 U	0.2 U	12	1 U	1 U	0.2 U	3	1 U	1 U	0.2 U
4/2010	8	1 U	1 U	1 U	7.2	1 U	1 U	1 U	2.5	1 U	1 U	1 U
6/2011	7.7	1 U	1 U	0.2 U	3.6	1 U	1 U	0.2 U	4.8	1 U	1 U	0.2 U
10/2011	8.5	0.22	0.2 U	0.2 U	8.3	0.37	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U
4/2012	5.8	0.24	0.2 U	0.2 U	8.7	0.44	0.23	0.2 U	1.9	0.2 U	0.2 U	0.2 U
10/2012	9.3	0.2 U	0.2 U	0.2 U	7.9	0.3	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U
5/2013	4.6	1 U	1 U	1 U	12	0.63 J	0.63 J	1 U	3.1	1 U	1 U	1 U
10/2013	11	1 U	1 U	1 U	10	1 U	1 U	1 U	2.9	1 U	1 U	1 U
4/2014	5.1 J	0.53 J	1 U	1 U	10 J	0.78 J	0.6 J	1 U	3 J	0.36 J	1 U	1 U
10/2014	15 J	3.5	26	0.2 U	12	2.3	15	0.2 U	3.5	1 U	0.91 J	0.2 U
4/2015	--	--	--	--	14	1.2	10	0.2 U	3.4 J	1 UJ	0.93 J	0.2 UJ
10/2015	10	1.6	6.6	0.2 U	10	1.4	5.1	0.2 U	--	--	--	--
4/2016	--	--	--	--	12	0.97 J	3.1	0.2 U	2.6	0.13 J	0.31 J	0.2 U
10/2016	12	1.4	2.3	0.2 U	10	1.2	1.9	0.2 U	--	--	--	--
4/2017	--	--	--	--	13	1.5	2	0.2 U	3.7	0.69 J	0.78 NJ	0.2 U
9/2017	6.9	0.75 J	1.1	0.2 U	7	0.81 J	1.1	0.2 U	--	--	--	--

5/2018	--	--	--	--	10	1	1.5	0.2 U	3.2	1 U	0.58 J	0.2 U
10/2018	10 J	0.87 J	0.99 J	0.2 U	9.3 J	0.82 J	0.8 J	0.2 U	--	--	--	--
4/2019	--	--	--	--	9.3	0.9 J	0.7 J	0.2 U	2.8	1 U	1 U	0.2 U
10/2019	13.1 J	1 U	0.39 J	0.2 U	10.8	1 U	11 U	0.2 U	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	7.9	0.45 J	0.83 NJ	0.2 U	7.4	0.56 J	0.86 J	0.2 U	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

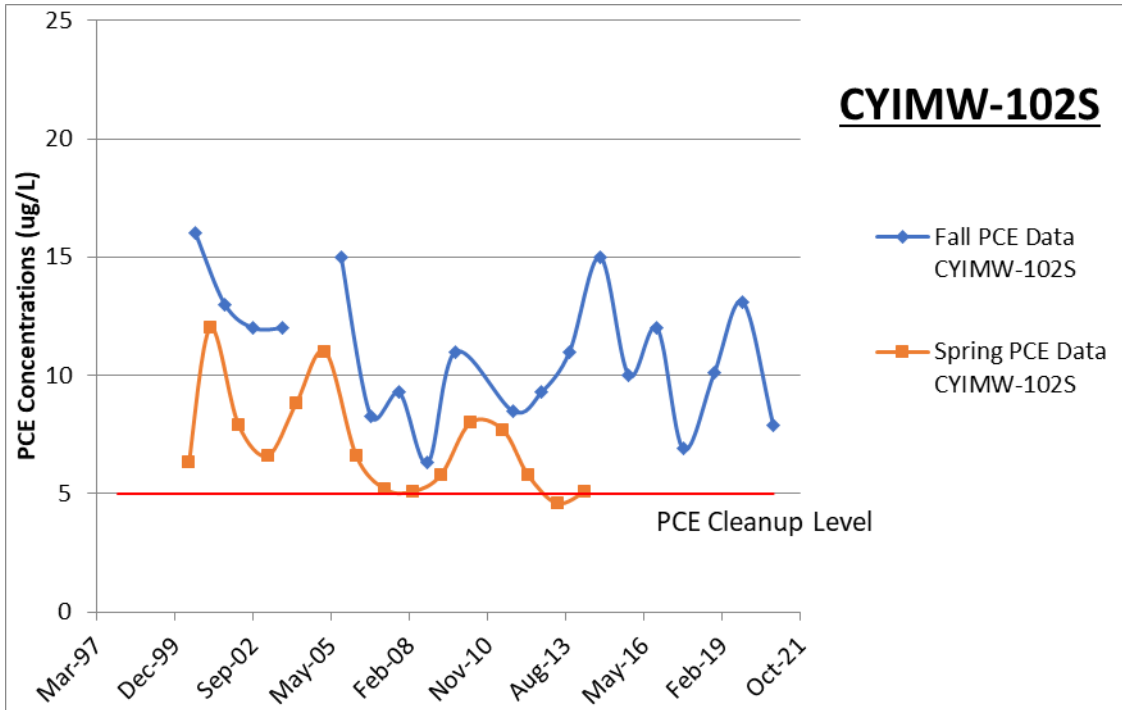


Figure C-16. Cameron Yakima, Well CYI MW-102S PCE Results (ug/L), June 2000 to November 2020.

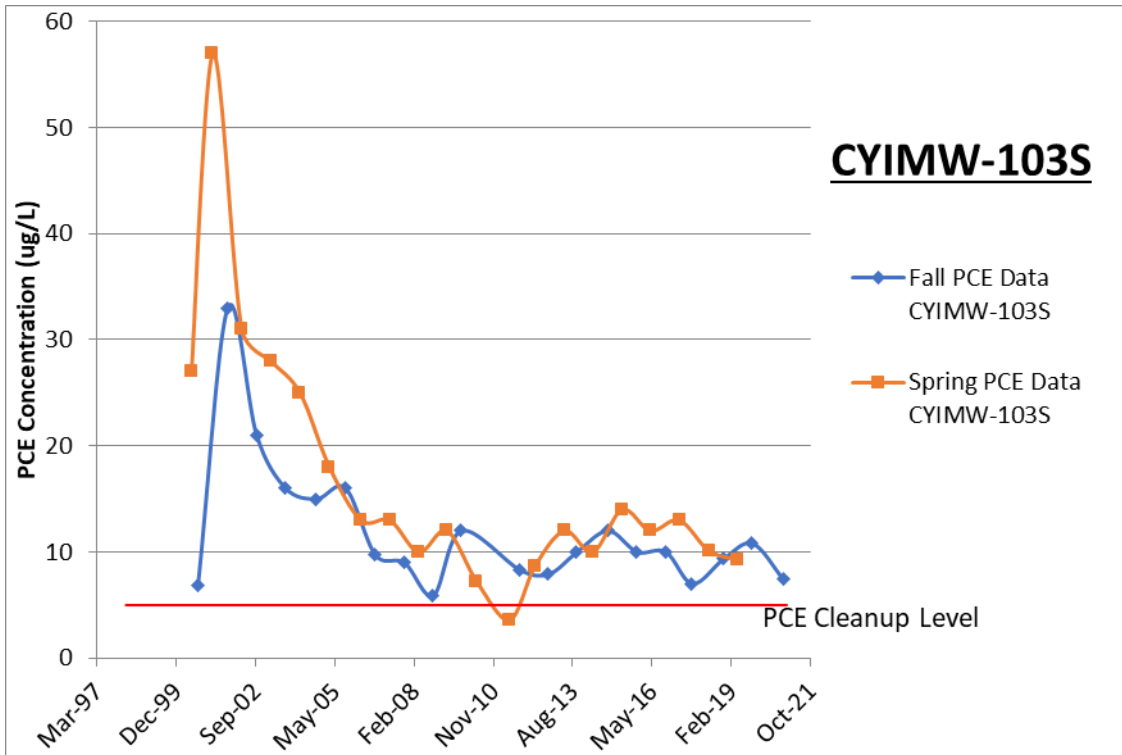


Figure C-17. Cameron Yakima, Well CYIMW-103S PCE Results (ug/L), June 2000 to November 2020.

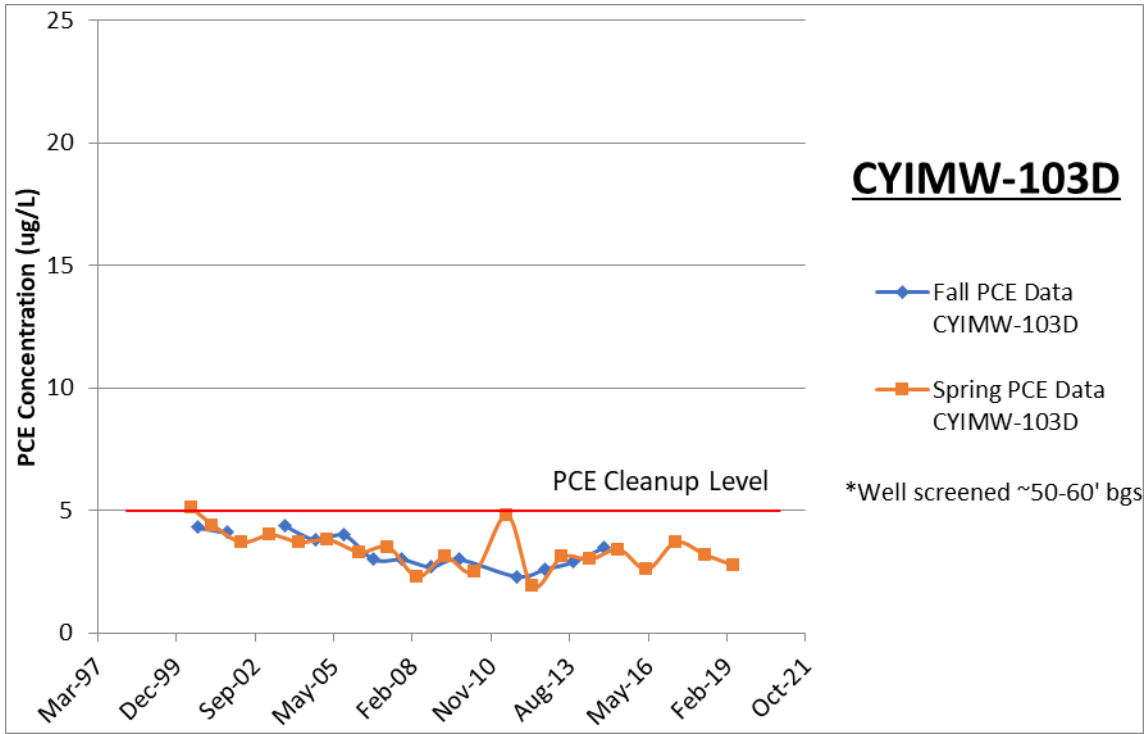


Figure C-18. Cameron Yakima, Well CYIMW-103D PCE Results (ug/L), June 2000 to April 2019.

Table C-6 (continued): Summary of Analytical Results (ug/L) for Cameron Yakima, Inc., December 1997 to November 2020.

Date	YRRA CYIMW106S				YRRA CYIMW107S				YRRA CYIMW108S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	27 J	1.2 J	2.6	2 U	--	--	--	--	--	--	--	--
3/1998	12	0.43 J	0.2 J	1 U	--	--	--	--	--	--	--	--
6/1998	8.8	0.35 J	1.7	1 UJ	--	--	--	--	--	--	--	--
8/1998	8.3 J	0.36 J	7.4 J	1 UJ	18 J	0.02 J	0.06 J	1 UJ	7.8 J	1 UJ	1 UJ	1 UJ
6/1999	7.79	0.43 J	ND	ND	27	0.81 J	1.02	ND	2.88	ND	ND	ND
9/1999	19	0.4 J	ND	ND	17.3	0.55 J	ND	ND	5.29	ND	ND	ND
12/1999	--	--	--	--	--	--	--	--	--	--	--	--
3/2000	--	--	--	--	--	--	--	--	--	--	--	--
6/2000	6.2	0.28	ND	ND	10	0.22	ND	ND	1.4	ND	ND	ND
8/2000	20	0.7	ND	ND	14	0.48	0.22	ND	3.8	ND	ND	ND
12/2000	12	0.35	ND	ND	16	0.39	ND	ND	3	ND	ND	ND
3/2001	11	0.3	ND	ND	12	0.35	ND	ND	0.97	ND	ND	ND
9/2001	13	0.4	<0.2	<0.2	9.2	0.27	<0.2	<0.2	3.7	<0.2	<0.2	<0.2
3/2002	6.9	0.24	<0.2	<0.2	8.3	0.27	<0.2	<0.2	0.89	<0.2	<0.2	<0.2
9/2002	12	0.31	<0.2	<0.2	8.4	<0.2	<0.2	<0.2	3.3	<0.2	<0.2	<0.2
3/2003	5.4	<0.2	<0.2	<0.2	7.7	0.21	<0.2	<0.2	1.3	<0.2	<0.2	<0.2
9/2003	13	0.31	<0.2	<0.2	9.5	<0.2	<0.2	<0.2	3.5	<0.2	<0.2	<0.2
3/2004	8.3	0.26	<0.2	<0.2	9.5	0.36	<0.2	<0.2	0.96	<0.2	<0.2	<0.2
10/2004	11	0.26	<0.2	<0.2	7	<0.2	<0.2	<0.2	3.4	<0.2	<0.2	<0.2
3/2005	9.4	0.27	<0.2	<0.2	9.2	0.28	<0.2	<0.2	0.8	<0.2	<0.2	<0.2
10/2005	15	0.29	0.2 U	0.2 U	15	0.2 U	0.2 U	0.2 U	5.9	0.2 U	0.2 U	0.2 U
12/2005	--	--	--	--	--	--	--	--	--	--	--	--
4/2006	4.4	<0.2	<0.2	<0.2	6.6	<0.2	<0.2	<0.2	0.6	<0.2	<0.2	<0.2
10/2006	8.4	0.24	0.2 U	0.2 U	5	0.2 U	0.2 U	0.2 U	2.2	<0.2	<0.2	<0.2
4/2007	3.2	0.22	0.2 U	0.2 U	6.6	0.2 U	0.2 U	0.2 U	0.43	0.2 U	0.2 U	0.2 U
10/2007	8.9	0.24	0.2 U	0.2 U	4.4	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U
4/2008	3.1	<0.2	<0.2	<0.2	5.9	<0.2	<0.2	<0.2	0.48	<0.2	<0.2	<0.2

Date	YRRA CYIMW106S				YRRA CYIMW107S				YRRA CYIMW108S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
10/2008	6.4	1 U	1 U	0.2 U	2.4	1 U	1 U	0.2 U	2.3	1 U	1 U	0.2 U
4/2009	3.5	1 U	1 U	0.2 U	5.6	1 U	1 U	0.2 U	0.13 J	1 U	1 U	0.2 U
10/2009	9.3	1 U	1 U	0.2 U	5.9	1 U	1 U	0.2 U	3.2	1 U	1 U	0.2 U
4/2010	4.8	1 U	1 U	1 U	7.6	1 U	1 U	1 U	3.6	1 U	1 U	1 U
6/2011	4	1 U	1 U	0.2 U	8.7	1 U	1 U	0.2 U	5.8	1 U	1 U	0.2 U
10/2011	6.5	0.21	0.2 U	0.2 U	4.8	0.2 U	0.2 U	0.2 U	2.8	0.2 U	0.2 U	0.2 U
4/2012	2.9	0.2 U	0.2 U	0.2 U	4.9	0.2 U	0.2 U	0.2 U	2.6	0.2 U	0.2 U	0.2 U
10/2012	5.6	0.2 U	0.2 U	0.2 U	4.9	0.2 U	0.2 U	0.2 U	3.1	0.2 U	0.2 U	0.2 U
5/2013	3.6	1 U	1 U	1 U	3.4	1 U	1 U	1 U	3.5	1 U	1 U	1 U
10/2013	7.8	1 U	1 U	1 U	6.2	1 U	1 U	1 U	4.1	1 U	1 U	1 U
4/2014	2.3 J	1 U	1 U	1 U	3.6 J	0.33 J	1 U	1 U	3.4 J	0.33 J	1 U	1 U
10/2014	12	2.9	24	0.2 U	7	1	5.9	0.2 U	4.3	0.58 J	3.5	0.2 U
4/2015	--	--	--	--	4.7	0.4 J	2.8	0.2 U	--	--	--	--
10/2015	8	1.3	5	0.2 U	6.4	0.74 J	3.5	0.2 U	3.9	0.27 J	1.1	0.2 U
4/2016	--	--	--	--	3.5	0.3 J	0.9 J	0.2 U	--	--	--	--
10/2016	9.5 J	1.2	1.8	0.2 U	5.4 J	0.53 J	1.1	0.2 U	3.8 J	1 U	0.5 J	0.2 U
4/2017	--	--	--	--	5.1	0.92 J	1.1	0.2 U	--	--	--	--
9/2017	6.2	0.65 J	0.89 J	0.2 U	1.4	1 U	1 U	0.2 U	2.5	1 U	1 U	0.2 U
5/2018	--	--	--	--	3.9	1 U	0.7 J	0.2 U	--	--	--	--
10/2018	7.7	0.67 J	0.78 J	0.2 U	6.3 J	0.64 J	0.75 J	0.2 U	3.7	1 U	1 U	0.2 U
4/2019	--	--	--	--	3.6	1 U	1 U	0.2 U	--	--	--	--
10/2019	8.8	1 U	1 U	0.2 U	6.81	1 U	1 U	0.2 U	3.8	1 U	1 U	0.2 U
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	4.8	0.2 J	0.76 NJ	0.2 U	5.28	0.25 J	1 UJ	0.2 U	3.1	1 U	1 UJ	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

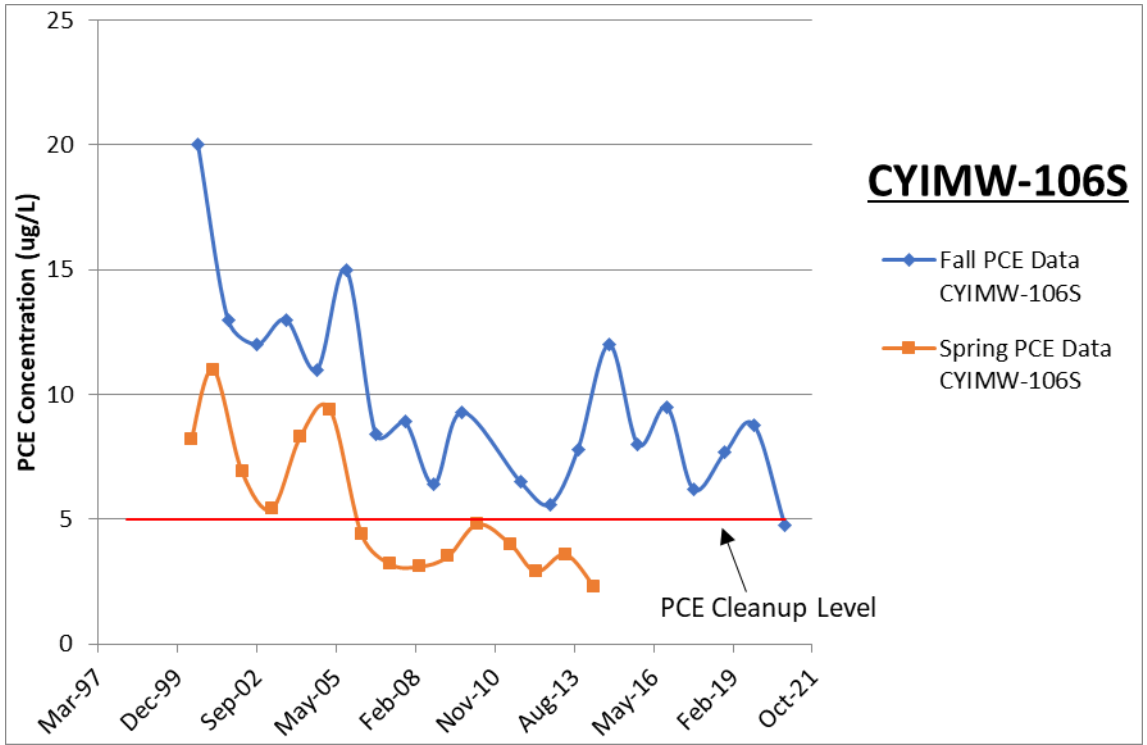


Figure C-19. Cameron Yakima, Well CYIMW-106S PCE Results (ug/L), June 2000 to November 2020.

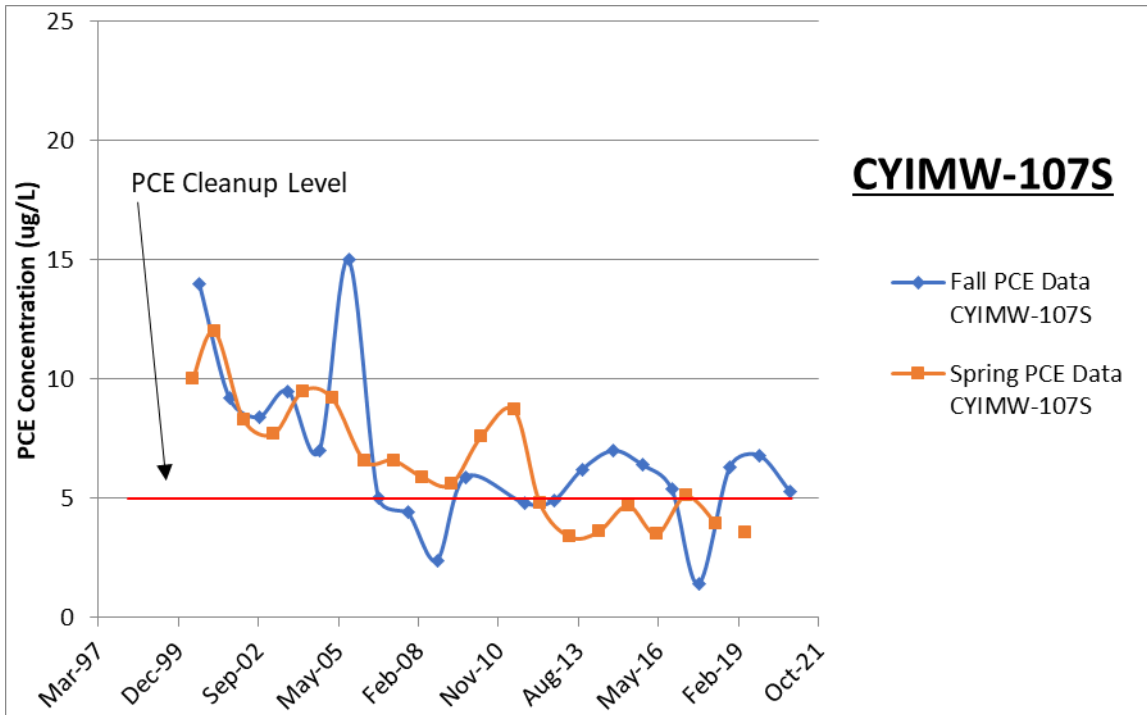


Figure C-20. Cameron Yakima, Well CYIMW-107S PCE Results (ug/L), June 2000 to November 2020.

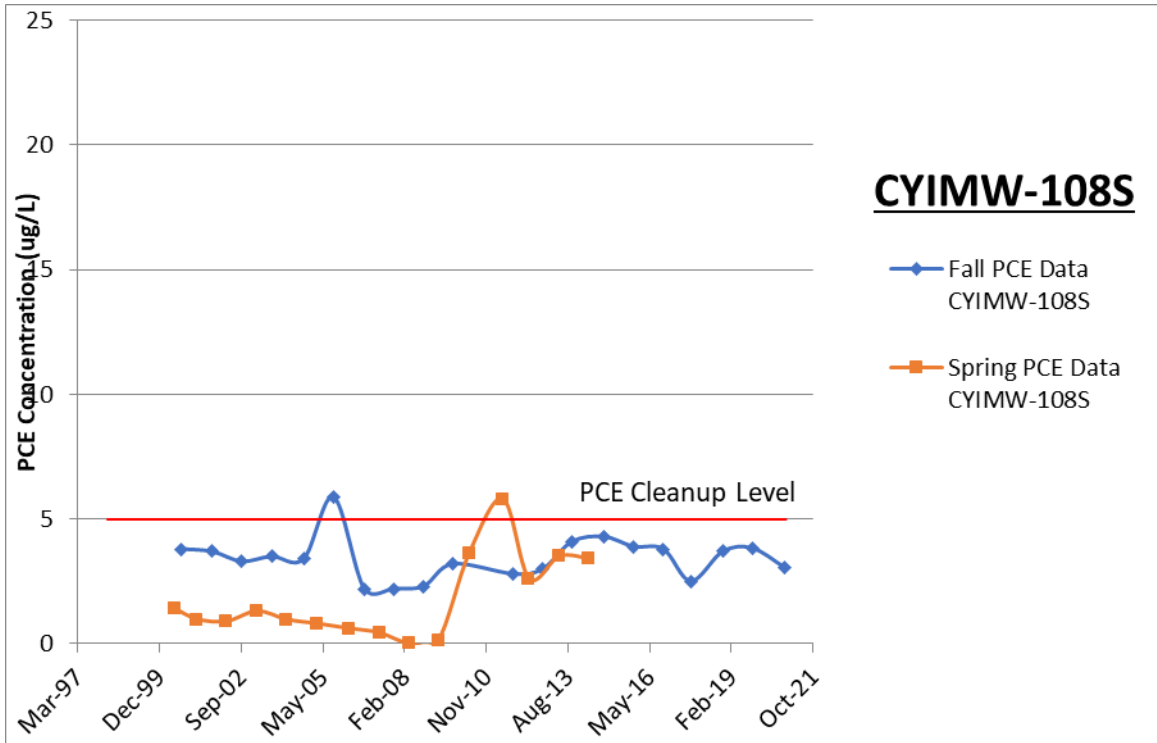


Figure C-21. Cameron Yakima, Well CYIMW-108S PCE Results (ug/L), June 2000 to November 2020.

Table C-6 (continued): Summary of Analytical Results (ug/L) for Cameron Yakima, Inc., December 1997 to November 2020.

Date	YRRA CYIMW109S				YRRA CYIMW110S				YRRA CYIMW111S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	7.1 J	1 UJ	1 UJ	1 UJ	8.3 J	1 UJ	1 UJ	1 UJ	9.4 J	0.19 J	1 UJ	1 UJ
6/1999	3.77	ND	ND	ND	4.52	ND	ND	ND	6.1	ND	ND	ND
9/1999	4.96	ND	ND	ND	5.86	ND	ND	ND	8.57	ND	ND	ND
12/1999	--	--	--	--	--	--	--	--	--	--	--	--
3/2000	--	--	--	--	--	--	--	--	--	--	--	--
6/2000	2	ND	ND	ND	2.3	ND	ND	ND	3.9	ND	ND	ND
8/2000	4	ND	ND	ND	5.6	ND	ND	ND	6.5	ND	ND	ND
12/2000	3.8	ND	ND	ND	4.4	ND	ND	ND	5.1	ND	ND	ND
3/2001	1.4	ND	ND	ND	2.2	ND	ND	ND	2.3	ND	ND	ND
9/2001	3.6	< 0.2	< 0.2	< 0.2	4.3	< 0.2	< 0.2	< 0.2	5.7	< 0.2	< 0.2	< 0.2
3/2002	1.1	< 0.2	< 0.2	< 0.2	1.7	< 0.2	< 0.2	< 0.2	1.5	< 0.2	< 0.2	< 0.2
9/2002	2.9	< 0.2	< 0.2	< 0.2	3.6	< 0.2	< 0.2	< 0.2	5.4	< 0.2	< 0.2	< 0.2
3/2003	1.7	< 0.2	< 0.2	< 0.2	2.4	< 0.2	< 0.2	< 0.2	2.2	< 0.2	< 0.2	< 0.2
9/2003	--	--	--	--	--	--	--	--	5.8	< 0.2	< 0.2	< 0.2
3/2004	--	--	--	--	--	--	--	--	1.7	< 0.2	< 0.2	< 0.2
10/2004	--	--	--	--	--	--	--	--	0.65	< 0.2	< 0.2	< 0.2
3/2005	1.2	< 0.2	< 0.2	< 0.2	--	--	--	--	1.7	< 0.2	< 0.2	< 0.2
10/2005	--	--	--	--	4.1	0.2 U	0.2 U	0.2 U	4.4	0.2 U	0.2 U	0.2 U
12/2005	1.4	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	--	--
4/2006	0.62	< 0.2	< 0.2	< 0.2	1.2	< 0.2	< 0.2	< 0.2	0.4	< 0.2	< 0.2	< 0.2
10/2006	2.3	0.2 U	0.2 U	0.2 U	3	0.2 U	0.2 U	0.2 U	2.2	0.2 U	0.2 U	0.2 U
4/2007	0.55	0.2 U	0.2 U	0.2 U	0.96	0.2 U	0.2 U	0.2 U	0.68	0.2 U	0.2 U	0.2 U
10/2007	2.9	0.2 U	0.2 U	0.2 U	3.7	0.2 U	0.2 U	0.2 U	3.3	0.2 U	0.2 U	0.2 U
4/2008	0.5	< 0.2	< 0.2	< 0.2	0.75	< 0.2	< 0.2	< 0.2	0.6	< 0.2	< 0.2	< 0.2
10/2008	1.8	1 U	1 U	0.2 U	1.9	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U
4/2009	0.29 J	1 U	1 U	0.2 U	0.59 J	1 U	1 U	0.2 U	0.43 J	1 U	1 U	0.2 U
10/2009	3.3	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U	5.5	1 U	1 U	0.2 U
4/2010	4.2	1 U	1 U	1 U	5.2	1 U	1 U	1 U	1.3	1 U	1 U	1 U

Date	YRRA CYIMW109S				YRRA CYIMW110S				YRRA CYIMW111S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
6/2011	4	1 U	1 U	0.2 U	5.8	1 U	1 U	0.2 U	1 U	1 U	1 U	0.2 U
10/2011	--	--	--	--	3.4	0.2 U	0.2 U	0.2 U	4.4	0.2 U	0.2 U	0.2 U
4/2012	--	--	--	--	1.3	0.2 U	0.2 U	0.2 U	0.52	0.2 U	0.2 U	0.2 U
10/2012	--	--	--	--	3.9	0.2 U	0.2 U	0.2 U	2.3	0.2 U	0.2 U	0.2 U
5/2013	4.1	1 U	1 U	1 U	4.5	1 U	1 U	1 U	1.2	1 U	1 U	1 U
10/2013	4.2	1 U	1 U	1 U	--	--	--	--	0.93 J	1 U	1 U	1 U
4/2014	3.7 J	0.34 J	1 U	1 U	2.8 J	0.28 NJ	1 U	1 U	--	--	--	--
10/2014	5.7	1	7.2	0.2 U	--	--	--	--	--	--	--	--
4/2015	--	--	--	--	--	--	--	--	--	--	--	--
10/2015	--	--	--	--	--	--	--	--	1.1	1 U	0.57 J	0.2 U
4/2016	--	--	--	--	--	--	--	--	--	--	--	--
10/2016	--	--	--	--	--	--	--	--	1 U	1 U	1 U	0.2 U
4/2017	--	--	--	--	--	--	--	--	--	--	--	--
9/2017	--	--	--	--	--	--	--	--	1 U	1 U	1 U	0.2 U
5/2018	--	--	--	--	--	--	--	--	--	--	--	--
10/2018	--	--	--	--	--	--	--	--	4.9	1 U	0.58 J	0.2 U
4/2019	--	--	--	--	--	--	--	--	--	--	--	--
10/2019	--	--	--	--	--	--	--	--	4.1	1 U	1 U	0.2 U
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	--	--	--	--	--	--	--	--	3.7	0.13 NJ	1 U	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

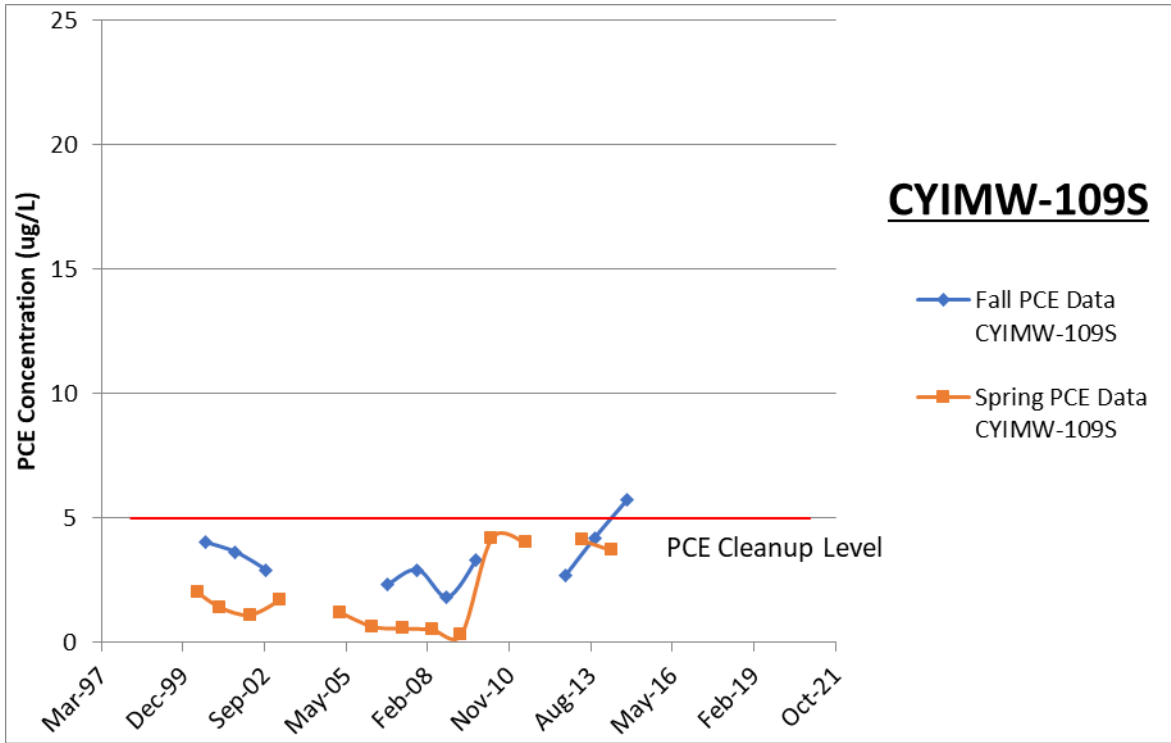


Figure C-22. Cameron Yakima, Well CYIMW-109S PCE Results (ug/L), June 2000 to October 2014.

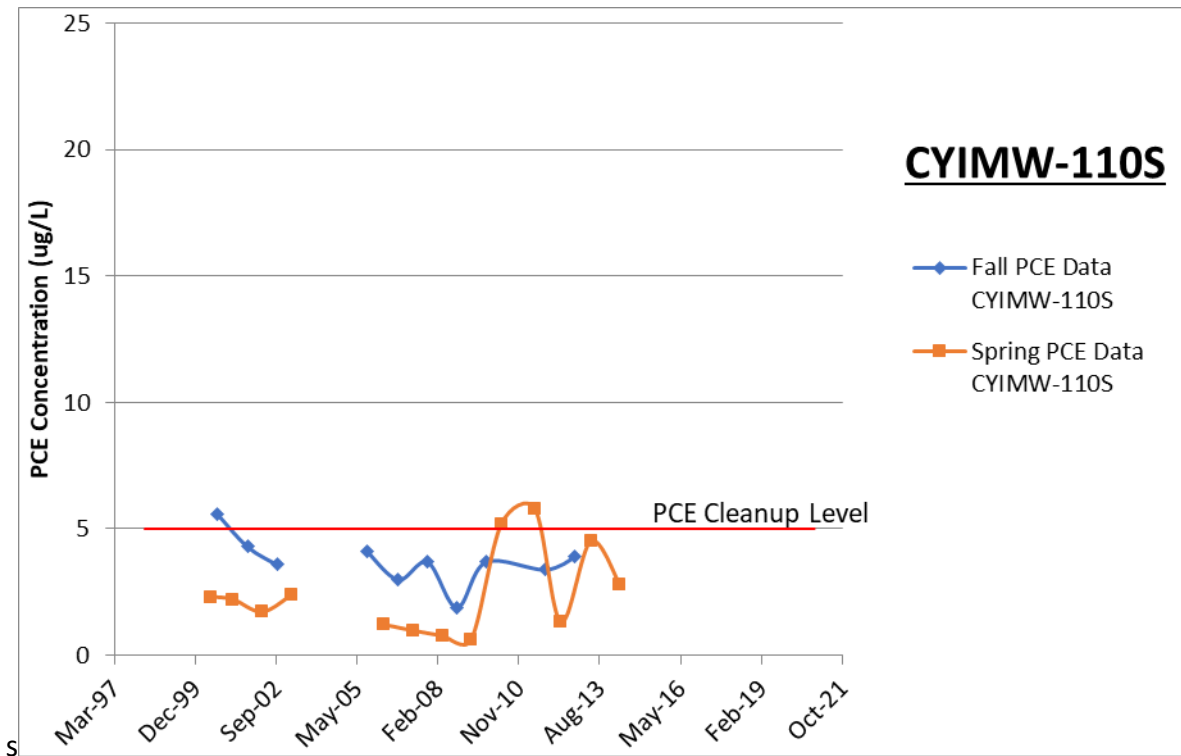


Figure C-23. Cameron Yakima, Well CYIMW-110S PCE Results (ug/L), June 2000 to April 2014.

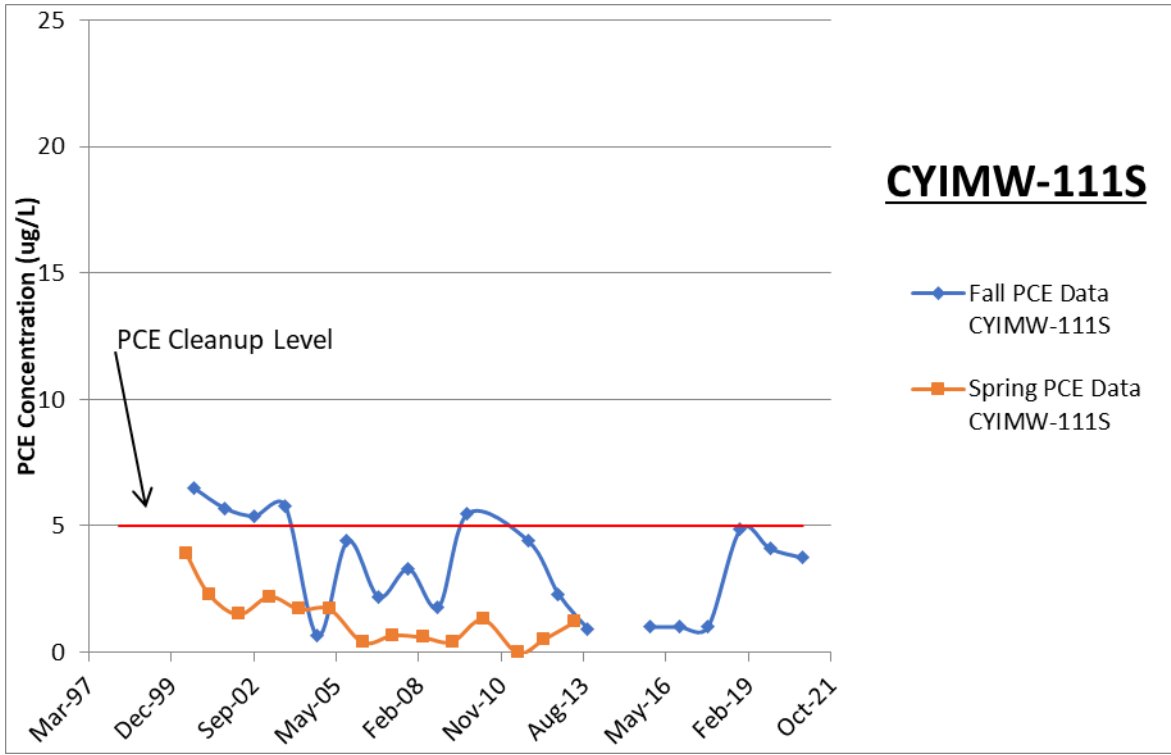


Figure C-24. Cameron Yakima, Well CYIMW-111S PCE Results (ug/L), June 2000 to November 2020.

Table C-6 (continued): Summary of Analytical Results (ug/L) for Cameron Yakima, Inc., December 1997 to November 2020.

Date	YRRA CYIMW112S				YRRA CYIMW113S				YRRA CYIMW113D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	15 J	0.02 J	0.45 J	1 UJ	21 J	0.2 J	1.2 J	1 UJ	5 J	1 UJ	1 UJ	1 UJ
6/1999	18.9	0.71 J	1.47	ND	--	--	--	--	5.34	ND	ND	ND
9/1999	17.1	0.56 J	0.71 J	ND	--	--	--	--	5.46	ND	ND	ND
12/1999	--	--	--	--	--	--	--	--	--	--	--	--
3/2000	--	--	--	--	--	--	--	--	--	--	--	--
6/2000	9.6	0.28	ND	ND	--	--	--	--	5.8	ND	ND	ND
8/2000	11	0.37	ND	ND	--	--	--	--	5.1	ND	ND	ND
12/2000	13	0.38	ND	ND	--	--	--	--	5.2	ND	ND	ND
3/2001	6.5	0.24	ND	ND	--	--	--	--	4.4	ND	ND	ND
9/2001	8.6	0.27	< 0.2	< 0.2	--	--	--	--	4.7	< 0.2	< 0.2	< 0.2
3/2002	3.9	< 0.2	< 0.2	< 0.2	--	--	--	--	3.5	< 0.2	< 0.2	< 0.2
9/2002	4	< 0.2	< 0.2	< 0.2	--	--	--	--	4.5	< 0.2	< 0.2	< 0.2
3/2003	4.6	0.21	< 0.2	< 0.2	--	--	--	--	3.9	< 0.2	< 0.2	< 0.2
9/2003	--	--	--	--	--	--	--	--	--	--	--	--
3/2004	--	--	--	--	--	--	--	--	--	--	--	--
10/2004	--	--	--	--	--	--	--	--	--	--	--	--
3/2005	3.7	< 0.2	< 0.2	< 0.2	--	--	--	--	4	< 0.2	< 0.2	< 0.2
10/2005	8.8	0.2 U	0.2 U	0.2 U	9.9	0.2 U	0.2 U	0.2 U	4.8	< 0.2	< 0.2	< 0.2
12/2005	--	--	--	--	--	--	--	--	--	--	--	--
4/2006	3	< 0.2	< 0.2	< 0.2	--	--	--	--	3.8	< 0.2	< 0.2	< 0.2
10/2006	4.6	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U	3.6	0.2 U	0.2 U	0.2 U
4/2007	2.7	0.2 U	0.2 U	0.2 U	2.8	0.2 U	0.2 U	0.2 U	3.5	0.2 U	0.2 U	0.2 U
10/2007	4.7	0.2 U	0.2 U	0.2 U	5.5	0.2 U	0.2 U	0.2 U	3.2	0.2 U	0.2 U	0.2 U
4/2008	2	< 0.2	< 0.2	< 0.2	--	--	--	--	2.7	< 0.2	< 0.2	< 0.2
10/2008	3.2	1 U	1 U	0.2 U	3.7	1 U	1 U	0.2 U	2.8	1 U	1 U	0.2 U
4/2009	1.8	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	3	1 U	1 U	0.2 U
10/2009	7.9	1 U	1 U	0.2 U	8.6	1 U	1 U	0.2 U	4.2	1 U	1 U	0.2 U
4/2010	6.2	1 U	1 U	1 U	14	1 U	1 U	1 U	3.4	1 U	1 U	1 U
6/2011	8.5	1 U	1 U	0.2 U	12	1 U	1 U	0.2 U	6.1	1 U	1 U	0.2 U
10/2011	4.7	0.2 U	0.2 U	0.2 U	9	0.22	0.2 U	0.2 U	3.1	0.2 U	0.2 U	0.2 U

Date	YRRA CYIMW112S				YRRA CYIMW113S				YRRA CYIMW113D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
4/2012	7.3	0.28	0.2 U	0.2 U	8.5	0.36	0.2 U	0.2 U	2.8	0.2 U	0.2 U	0.2 U
10/2012	6.1	0.2 U	0.2 U	0.2 U	8.8	0.25	0.2 U	0.2 U	2.9	0.2 U	0.2 U	0.2 U
5/2013	9	0.44 J	0.45 J	1 U	12	0.58 J	0.51 J	1 U	4	1 U	1 U	1 U
10/2013	11	1 U	1 U	1 U	13	1 U	1 U	1 U	4.5	1 U	1 U	1 U
4/2014	7.4 J	0.6 J	1 U	1 U	6.1 J	0.55 J	1 U	1 U	3.8 J	0.33 J	1 U	1 U
10/2014	5.1	0.67 J	4	0.2 U	9.7	2	14	0.2 U	4.8	1 U	2.1	0.2 U
4/2015	9.1	1.1	7.6	0.2 U	12	1.4	9.9	0.2 U	4.4	1 U	0.38 J	0.2 U
10/2015	9.3	1.3	5.6	0.2 U	11	1.6	6.7	0.2 U	--	--	--	--
4/2016	5.9	0.77 J	1.9	0.2 U	7.2	0.92 J	2.5	0.2 U	3.6	1 U	0.13 J	0.2 U
10/2016	7	0.8 J	1.2	0.2 U	10	1.2	1.8	0.2 U	--	--	--	--
4/2017	--	--	--	--	13	1.8	2.3	0.2 U	4.7	0.67 J	1 U	0.2 U
9/2017	--	--	--	--	--	--	--	--	--	--	--	--
5/2018	--	--	--	--	9.8	1	1.5	0.2 U	3.4	1 U	1 U	0.2 U
10/2018	8	0.69 J	0.8 J	0.2 U	--	--	--	--	--	--	--	--
4/2019	--	--	--	--	10.3	0.98 J	0.68 J	0.2 U	2.9 J	1 UJ	1 UJ	0.2 UJ
10/2019	--	--	--	--	--	--	--	--	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	11.6	0.69 J	0.92 J	0.2 U	--	--	--	--	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

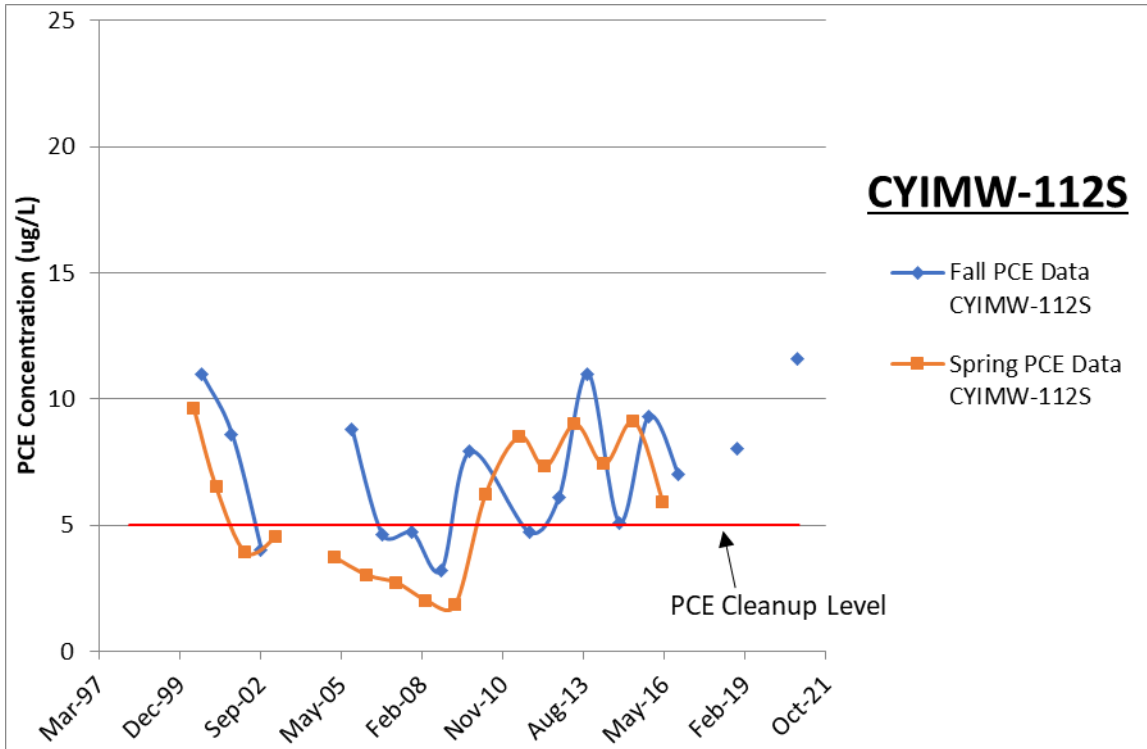


Figure C-25. Cameron Yakima, Well CYIMW-112S PCE Results (ug/L), June 2000 to November 2020.

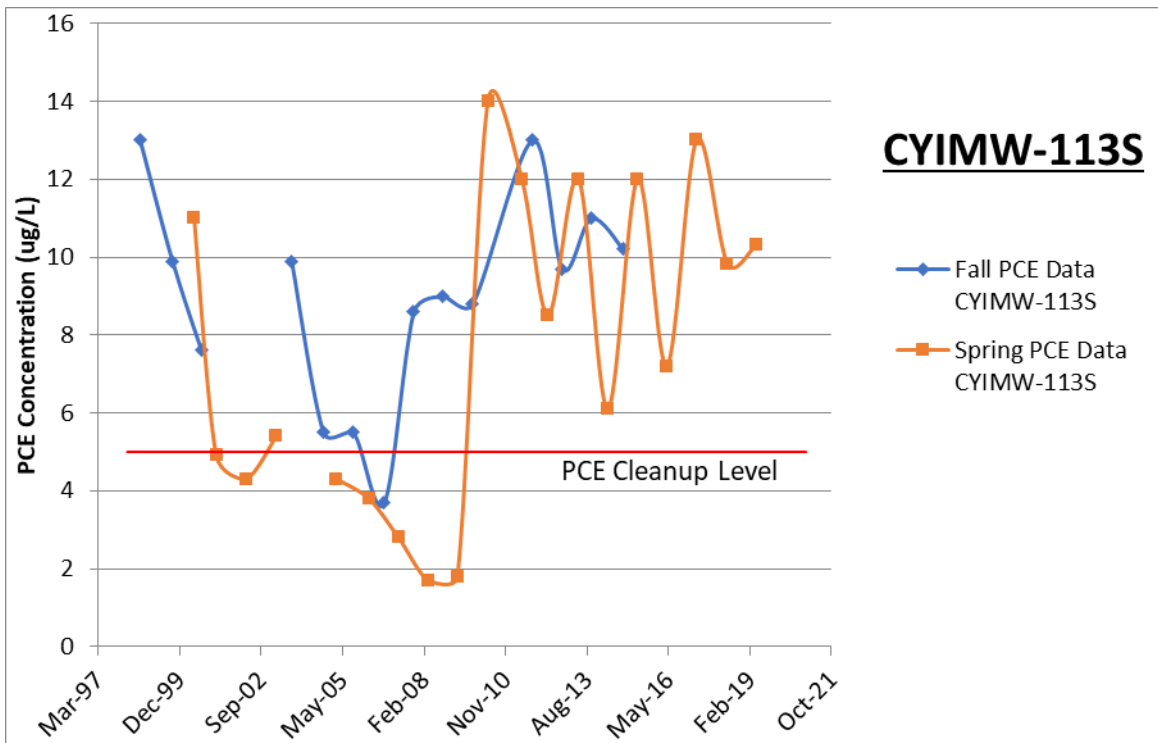


Figure C-26. Cameron Yakima, Well CYIMW-113S PCE Results (ug/L), June 2000 to April 2019.

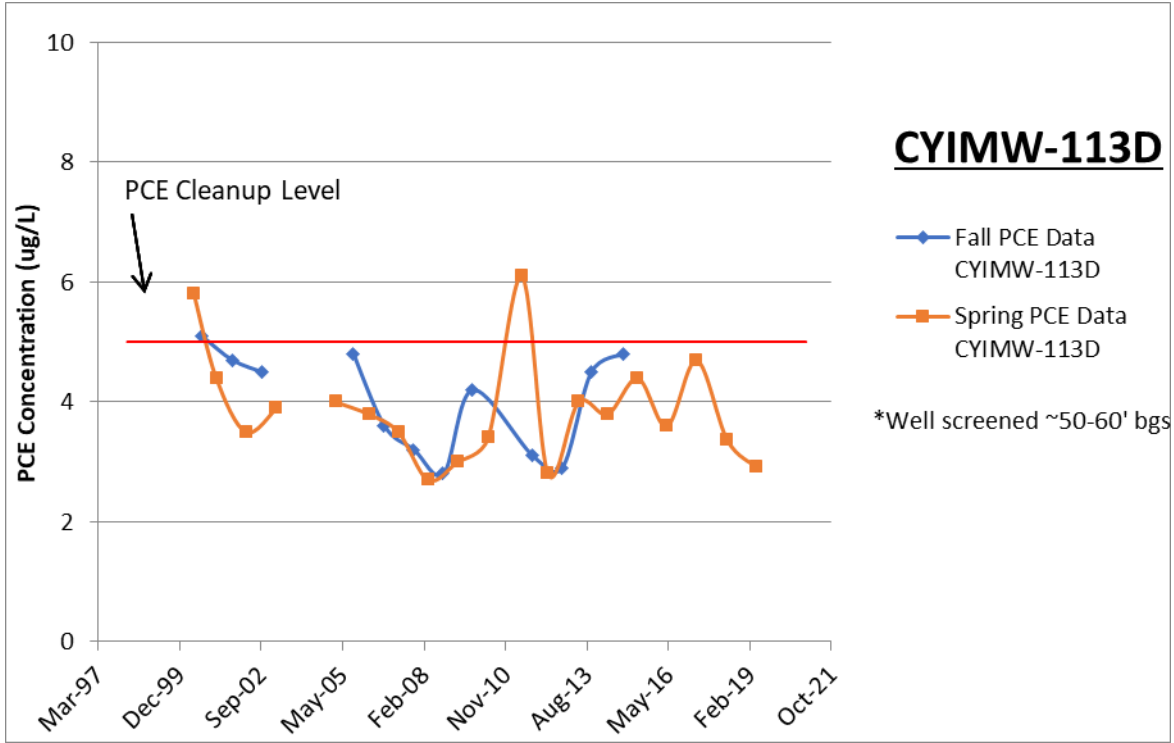


Figure C-27. Cameron Yakima, Well CYIMW-113D PCE Results (ug/L), June 2000 to April 2019.

Table C-6 (continued): Summary of Analytical Results (ug/L) for Cameron Yakima, Inc., December 1997 to November 2020.

Date	YRRA		CYIMW114S	
	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--
3/1998	--	--	--	--
6/1998	--	--	--	--
8/1998	15 J	0.03 J	0.72 J	1 UJ
6/1999	19.1	0.65 J	1.59	ND
9/1999	15.8	0.63 J	0.84 J	ND
12/1999	--	--	--	--
3/2000	--	--	--	--
6/2000	9.9	0.28	0.2	ND
8/2000	7.9	0.32	ND	ND
12/2000	13	0.34	ND	ND
3/2001	8.6	0.33	ND	ND
9/2001	7.8	0.27	< 0.2	< 0.2
3/2002	5.5	0.25	< 0.2	< 0.2
9/2002	4.9	< 0.2	< 0.2	< 0.2
3/2003	6.3	< 0.2	< 0.2	< 0.2
9/2003	--	--	--	--
3/2004	--	--	--	--
10/2004	--	--	--	--
3/2005	6.2	0.31	< 0.2	< 0.2
10/2005	7.2	0.2 U	0.2 U	0.2 U
12/2005	--	--	--	--
4/2006	2.5	< 0.2	< 0.2	< 0.2
10/2006	4.8	0.2 U	0.2 U	0.2 U
4/2007	2.5	0.2 U	0.2 U	0.2 U
10/2007	5	0.2 U	0.2 U	0.2 U
4/2008	3.4	< 0.2	< 0.2	< 0.2
10/2008	3.4	1 U	1 U	0.2 U
4/2009	4.4	1 U	2.4	0.2 U
10/2009	7.9	1 U	1 U	0.2 U
4/2010	13	1 U	1 U	1 U
6/2011	12	1 U	1 U	0.2 U
10/2011	9.5	0.27	0.2 U	0.2 U
4/2012	8.9	0.34	0.2 U	0.2 U
10/2012	8.9	0.28	0.2 U	0.2 U
5/2013	12	0.41 J	0.46 J	1 U
10/2013	12	1 U	1 U	1 U

Date	YRRA		CYIMW114S	
	PCE	TCE	Cis-DCE	VC
4/2014	12 J	0.79 J	0.52 J	1 U
10/2014	10	2.1	14	0.2 U
4/2015	12	1.4	11	0.2 U
10/2015	--	--	--	--
4/2016	10	1.3	3.8	0.2 U
10/2016	10	1.2	1.8	0.2 U
4/2017	--	--	--	--
9/2017	6.2	0.63 J	0.95 J	0.2 U
5/2018	--	--	--	--
10/2018	--	--	--	--
4/2019	--	--	--	--
10/2019	11.2	0.96 J	1 U	0.2 U
4/2020	--	--	--	--
11/2020	--	--	--	--
MTCA CL	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately measure the analyte in the sample.

E: Reported result is an estimate because it exceeds the calibration range.

ND: Analyte was not detected.

NJ: There is evidence that the analyte is present in the sample. Reported result for the tentatively identified analyte is an estimate .

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results from CYIMW-109S).

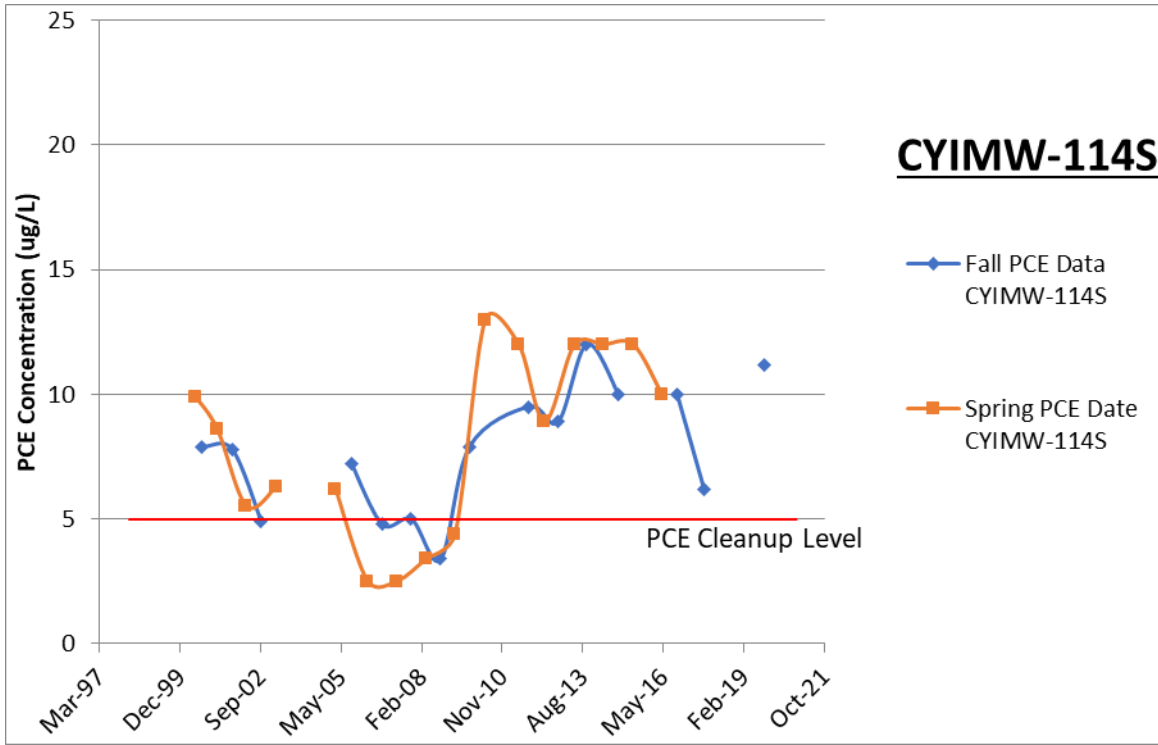


Figure C-28. Cameron Yakima, Well CYIMW-114S PCE Results (ug/L), June 2000 to October 2019.

Frank Wear Cleaners

Table C-7: Summary of Analytical Results (ug/L) for Frank Wear Cleaners – Shallow Wells, February 1995 to November 2020.

Date	YRRA FWMW-4				YRRA FWMW-5				YRRA FWMW-6			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
2/1995	1.7	--	--	--	--	--	--	--	--	--	--	--
4/1995	18	--	--	--	--	--	--	--	--	--	--	--
9/1995	6	--	--	--	--	--	--	--	--	--	--	--
12/1995	332	--	--	--	--	--	--	--	--	--	--	--
12/1997	1100	--	--	--	83	--	--	--	--	--	--	--
3/1998	210	--	--	--	390	--	--	--	--	--	--	--
6/1998	280	--	--	--	120	--	--	--	--	--	--	--
8/1998	34	--	--	--	17	--	--	--	--	--	--	--
6/1999	530	--	--	--	91	--	--	--	--	--	--	--
9/1999	52	--	--	--	19	--	--	--	--	--	--	--
12/1999	139	--	--	--	69	--	--	--	--	--	--	--
3/2000	700	--	--	--	103	--	--	--	--	--	--	--
6/2000	52	--	--	--	25	--	--	--	--	--	--	--
8/2000	11	--	--	--	6.6	--	--	--	--	--	--	--
12/2000	23	--	--	--	41	--	--	--	--	--	--	--
3/2001	876	--	--	--	17	--	--	--	--	--	--	--
7/2005	48	--	--	--	--	--	--	--	6	1 U	1 U	5 U
10/2006	30	--	--	--	6.5	--	--	--	2.6	--	--	--
1/2007	--	--	--	--	24	1 U	1 U	1 U	--	--	--	--
4/2007	20	--	--	--	2.9	--	--	--	3.1	--	--	--
4/2012	1900	1.3	1 U	1 U	12	1 U	1 U	1 U	4.9	1 U	1 U	1 U
9/2012	6.3	1 U	1 U	1 U	2.1	1 U	1 U	1 U	1.7	1 U	1 U	1 U
12/2012	9.1	1 U	1 U	1 U	8.8	1 U	1 U	1 U	2.2	1 U	1 U	1 U
3/2013	740	1 U	1 U	1 U	2.4	1 U	1 U	1 U	3.4	1 U	1 U	1 U
1/2014	150	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1.5	1 U	1 U	1 U
5/2014	940	10 U	10 U	0.02 U	1700	220	520	0.052	1700	69	140	0.02 U
8/2014	320	150	200	0.2	76	15000	7700	1 U	570	5000	5000	0.83
11/2014	9.4	4.7	300	77	5 U	5 U	3200	620	19	8.6	390	26
2/2015	1500	39	41	60	37	60	230	250	31	19	130	7.2
5/2015	4.8	0.97	10	2	13	160	540	42	45	24	85	7.3
8/2015	12	5.9	55	1.3	98	150	1100	210	61	43	93	2.6
12/2015	11	6.3	52	2.2	61	220	350	83	7.1	18	51	0.2 U
3/2016	0.73	1.7	190	210	50 U	20 U	200	90	7.6	4.2	15	0.28
4/2017	235	27	23	2 U	30	44	43	46	3.9	1.4	2.2	0.2 U
9/2017	4.8 J	0.64 J	0.85 J	0.2 UJ	3.3 JB	0.99 JB	1 U	0.2 UJ	1.9	1 U	1 U	0.2 U
5/2018	645	19 J	135	1.8 J	6.1 J	8.5	20	13	2.1	1 U	1.1 NJ	0.2 U
10/2018	6.2	1 U	0.7 J	0.2 U	3.3 JB	1 U	0.58 J	0.2 U	3.4 JB	1 U	1 U	0.2 U
4/2019	633	20	115	0.77	7.3	5.9	10	1.4 J	4.3 J	1 U	0.82 J	0.2 U
10/2019	5.8 J	1 UJ	1 U	0.2 U	3.1 J	1 U	1 U	0.2 U	5.6	1.6	3.5	0.2 U

Date	YRRA FWMW-4				YRRA FWMW-5				YRRA FWMW-6			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	28.2	0.48 J	1	0.2 U	11.5	3.5	3.5	0.2 U	2.1	0.11 J	0.86 J	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

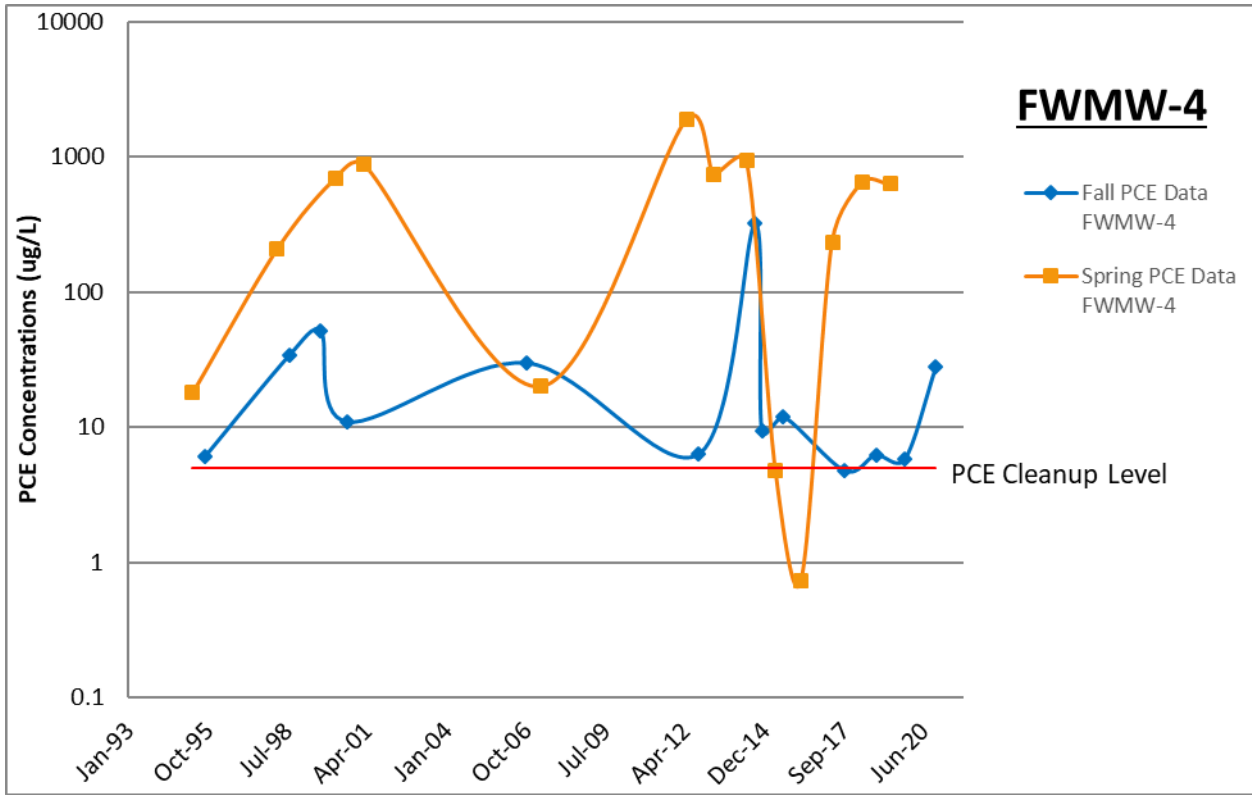


Figure C-29. YRRA Frank Wear Well FWMW-4 PCE Results, February 1995 to November 2020.

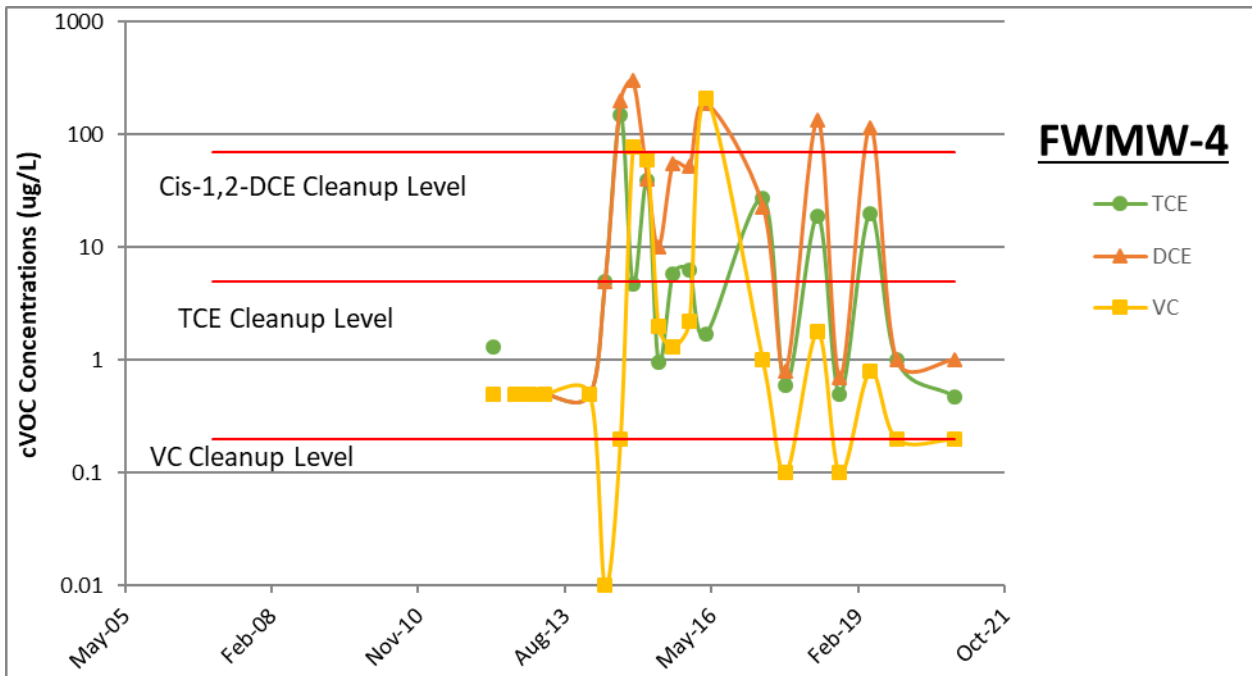


Figure C-30. YRRA Frank Wear Well FWMW-4 TCE, DCE and VC Results, April 2012 to November 2020.

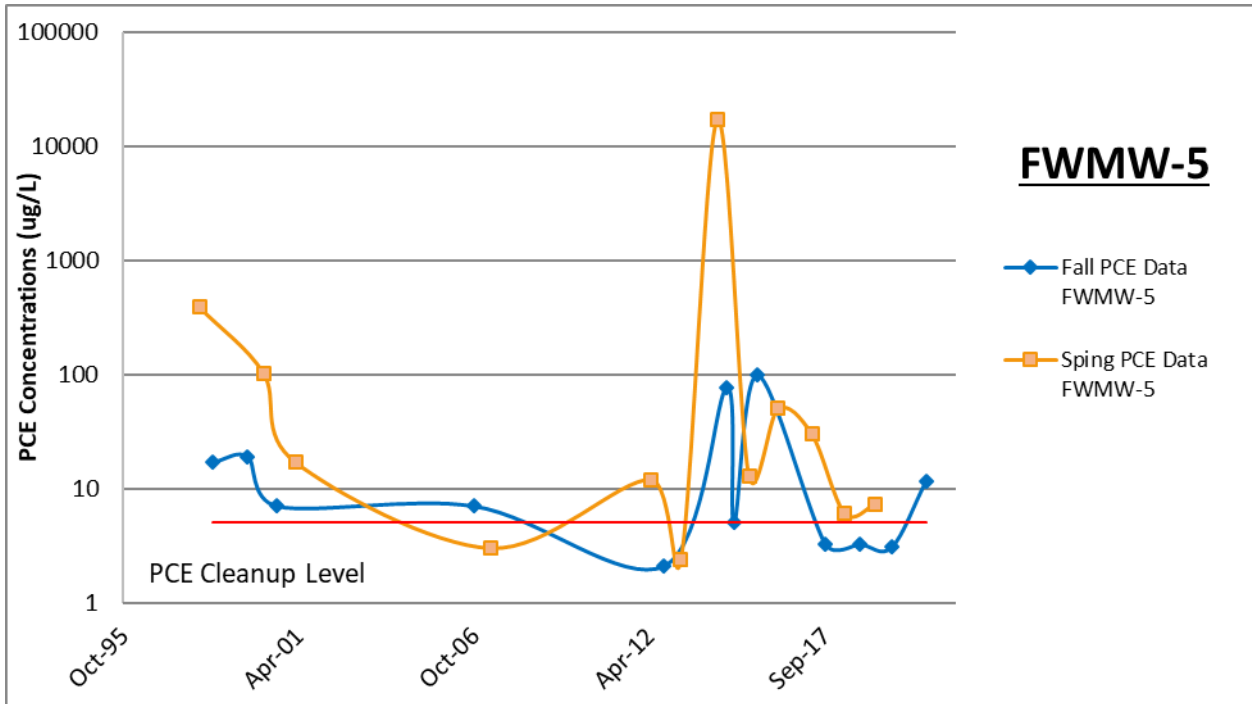


Figure C-31. YRRA Frank Wear Well FWMW-5 PCE Results, December 1997 to November 2020.

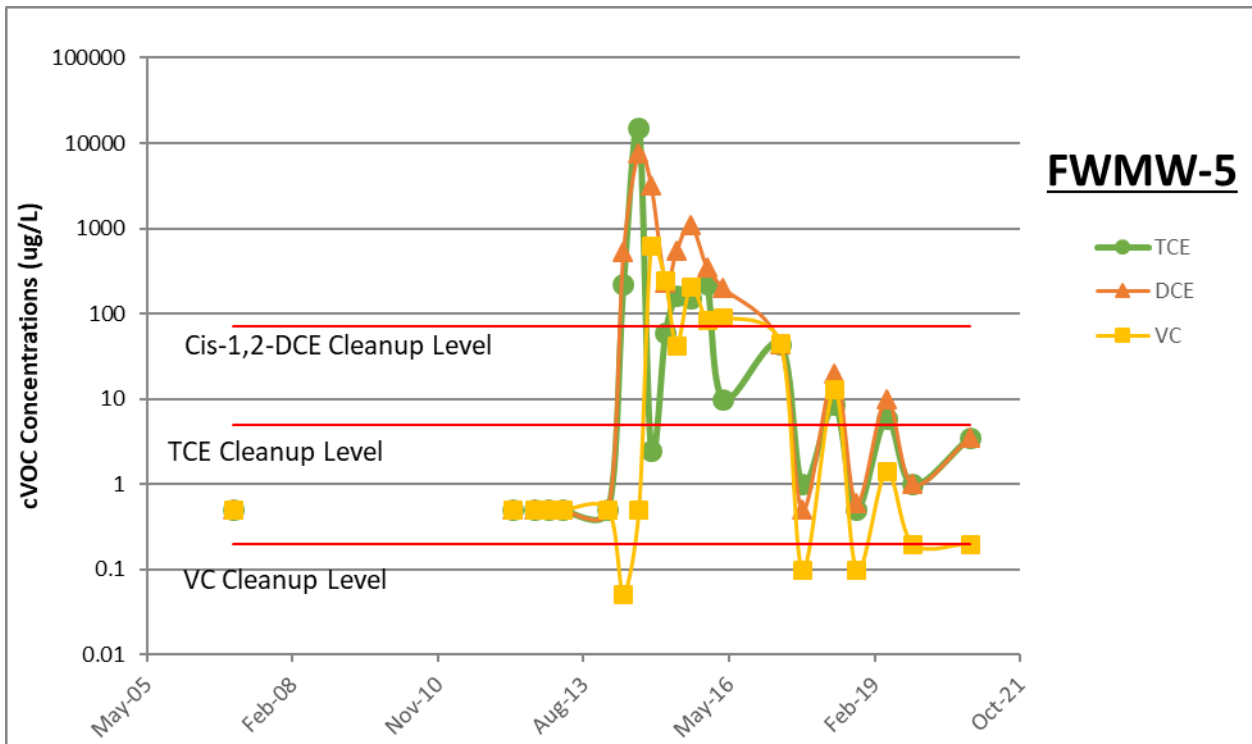


Figure C-32. YRRA Frank Wear Well FWMW-5 TCE, DCE and VC Results, January 2007 to November 2020.

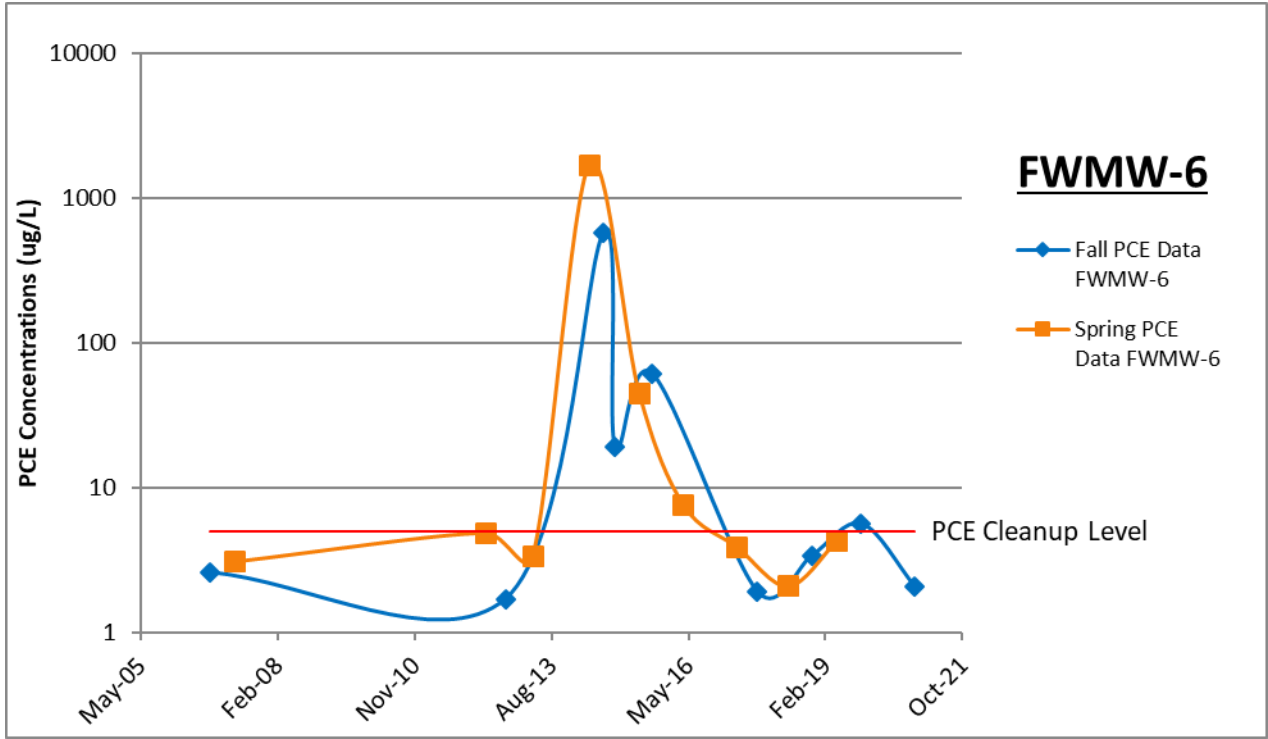


Figure C-33. YRRA Frank Wear Well FWMW-6 PCE Results, July 2005 to November 2020.

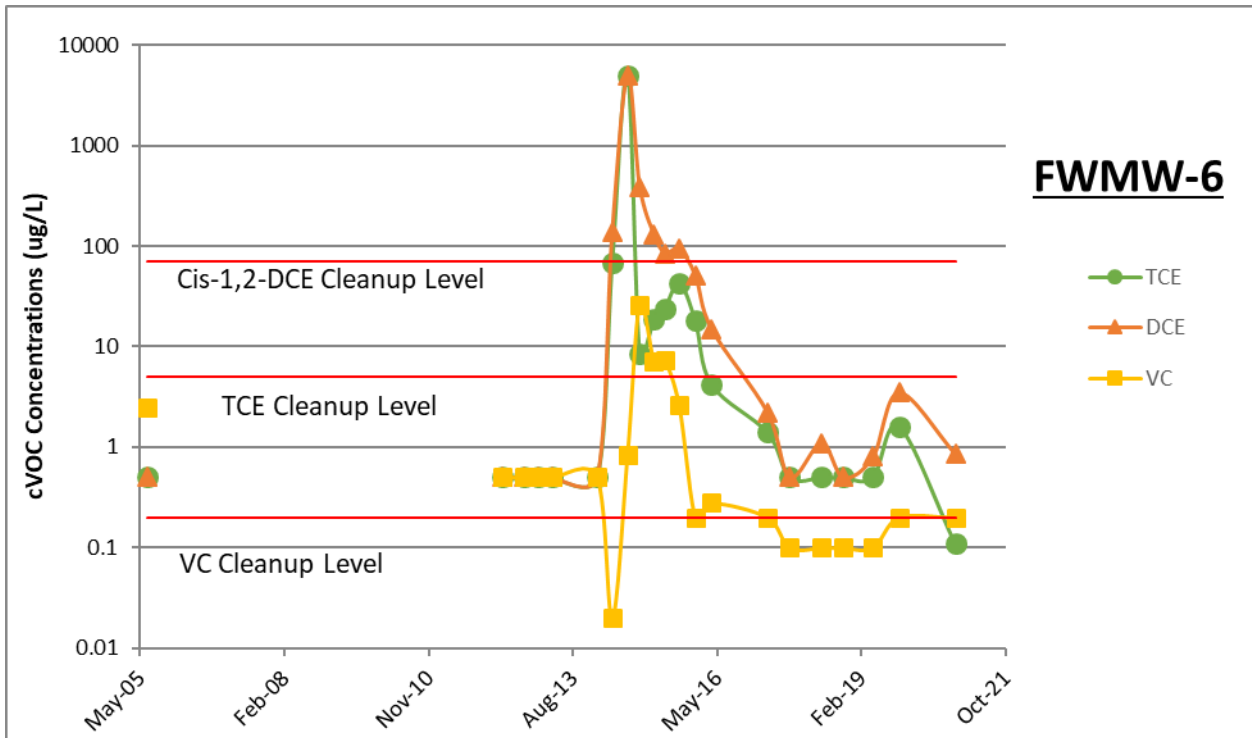


Figure C-34. YRRA Frank Wear Well FWMW-6 TCE, DCE and VC Results, July 2005 to November 2020.

Table C-7 (continued): Summary of Analytical Results (ug/L) for Frank Wear Cleaners – Shallow Wells, February 1995 to November 2020.

Date	YRRA FWMW-10				YRRA FWMW-16				YRRA FWMW-20			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
7/2005	25100	8.3	5.4	5 U	--	--	--	--	--	--	--	--
10/2006	6900	--	--	--	--	--	--	--	--	--	--	--
1/2007	43500	12	2.3	1 U	--	--	--	--	--	--	--	--
4/2007	9200	--	--	--	--	--	--	--	--	--	--	--
4/2012	1800	1	14	1 U	--	--	--	--	--	--	--	--
6/2012	--	--	--	--	36	1 U	1 U	1 U	16	1 U	1 U	1 U
9/2012	11000	1.8	1.2	1 U	63	1 U	1 U	1 U	9.2	1 U	1 U	1 U
12/2012	44000	7.5	3	1 U	110	1 U	1 U	1 U	7	1 U	1 U	1 U
3/2013	1100	1 U	2.7	1 U	93	1 U	1 U	1 U	10	1 U	1 U	1 U
1/2014	3300	1 U	1 U	1 U	84	1 U	1 U	1 U	5.8	1 U	1 U	1 U
5/2014	1900	470	900	0.18	73	0.21	0.1 U	0.02 U	610	49	110	0.02 U
8/2014	3000	5500	5700	2 U	52	0.13	0.1 U	0.02 U	84	35	78	0.02 U
11/2014	370	190	3600	400	70	0.15	0.1 U	0.02 U	200	16	170	3.8
2/2015	2000	290	620	70	78	0.2 U	0.2 U	0.02 U	37	19	160	14
5/2015	2200	780	940	71	100	0.23	0.73	0.02 U	71	26	180	7.5
8/2015	330	320	880	28	72	0.21	0.57	0.073	340	23	95	2.1
12/2015	5200	850	990	110	66	0.2 U	1	0.02 U	310	29	120	1.1
3/2016	3400	500	340	16	71	20 U	20 U	2 U	29	17	64	0.86
4/2017	9110	1160	1510	358	28	12	52	54 J	136	25	53	2 U
5/2018	2870	3910	719	208	35	3.2	3.4	5	113	35	26	15
10/2018	2400 J	3450 J	410 J	118 J	12	6.5	2.6	6.1	102	38	273	197
4/2019	--	1715 J	417.5 J	135.5 J	4	9	8.5	25 J	181	36 J	56	17
10/2019	5280 J	1460 J	150	62.25 J	28 J	5.7	6.4	2.9 J	5105 J	4545 J	694	249 J
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	21800	362	200	71 J	20	5.9	16	19.8 J	15800	2000	598	323 J
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

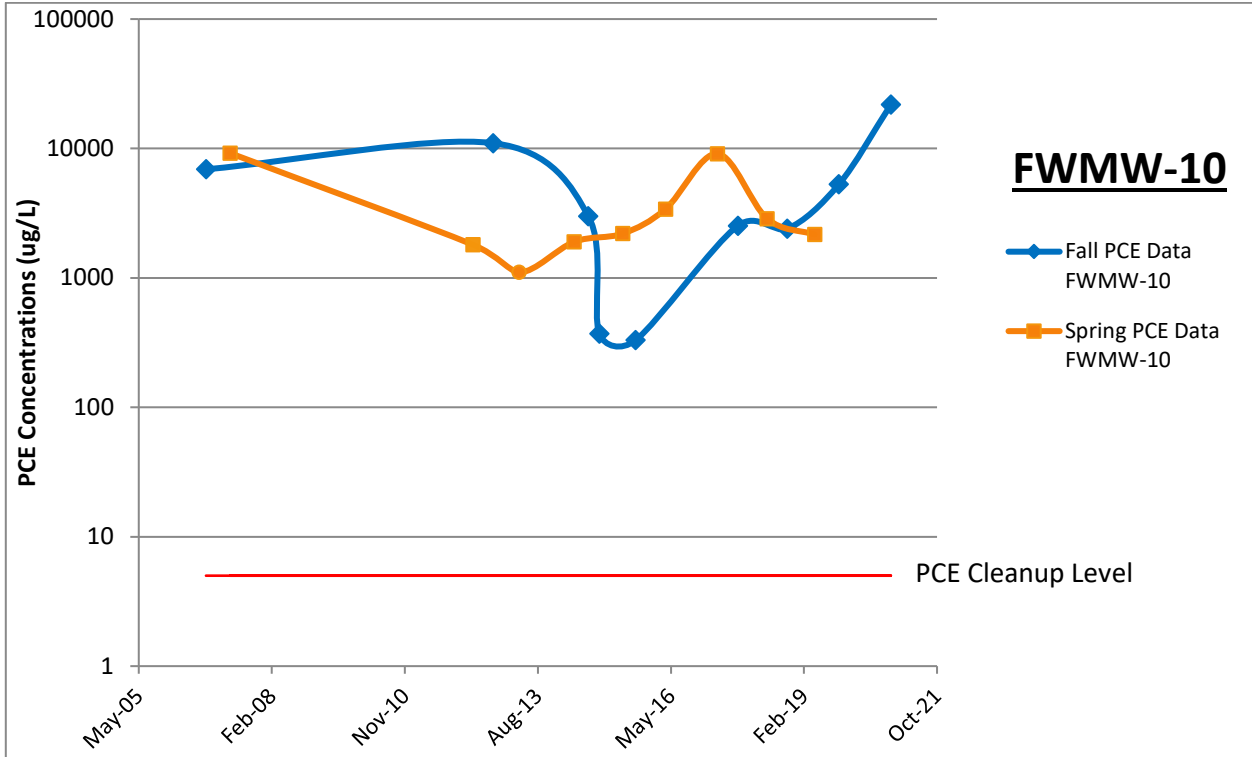


Figure C-35. YRRA Frank Wear Well FWMW-10 PCE Results, July 2005 to November 2020.

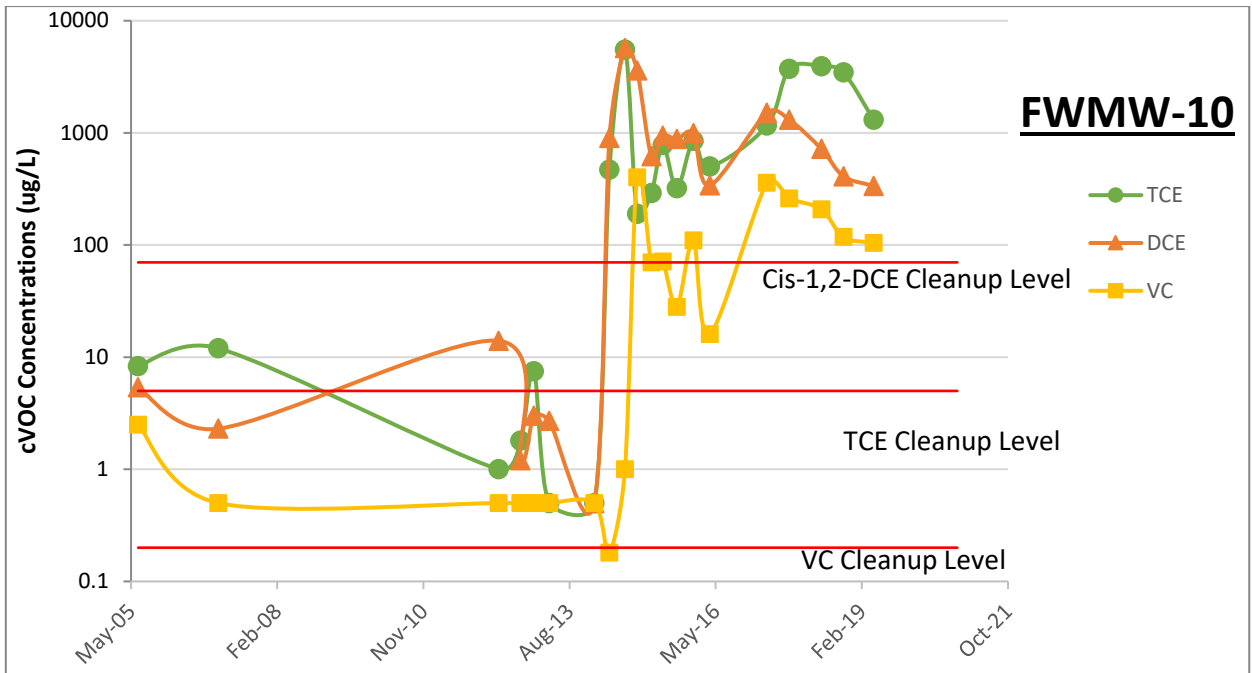


Figure C-36. YRRA Frank Wear Well FWMW-10 TCE, DCE and VC Results, July 2005 to November 2020.

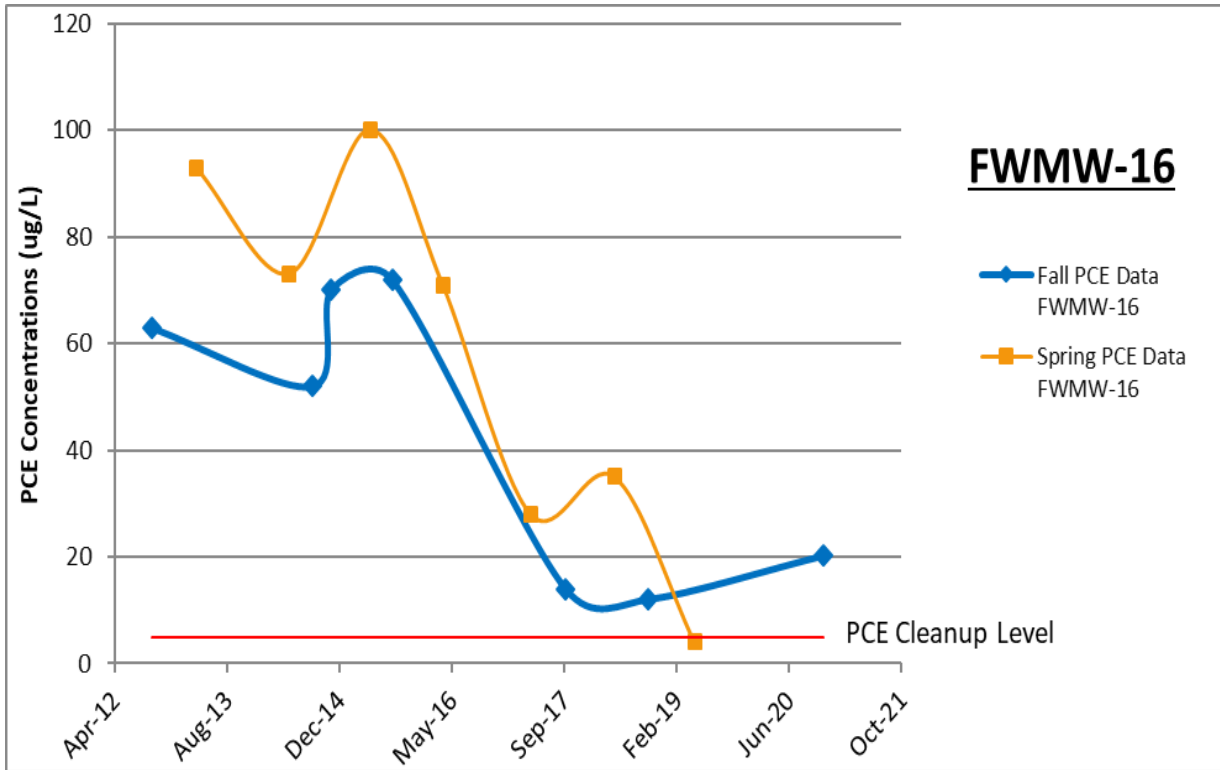


Figure C-37. YRRA Frank Wear Well FWMW-16 PCE Results, June 2012 to November 2020.

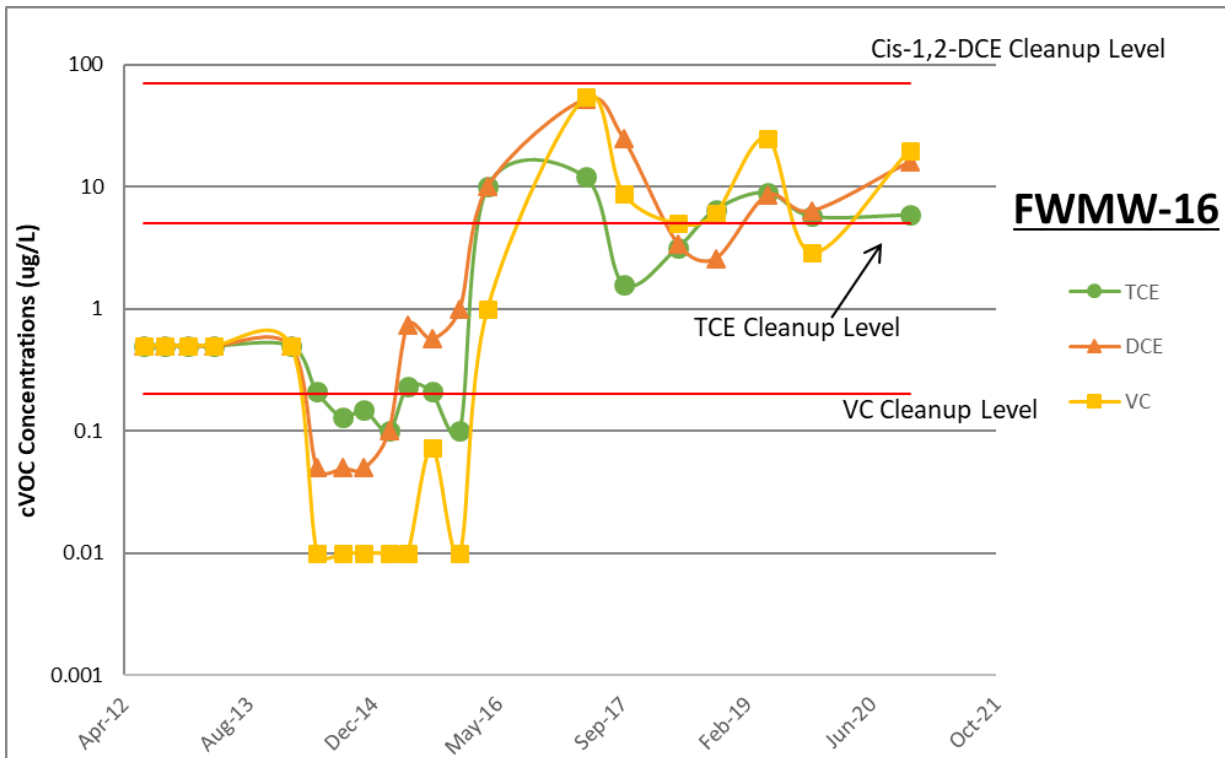


Figure C-38. YRRA Frank Wear Well FWMW-16 TCE, DCE and VC Results, June 2012 to November 2020.

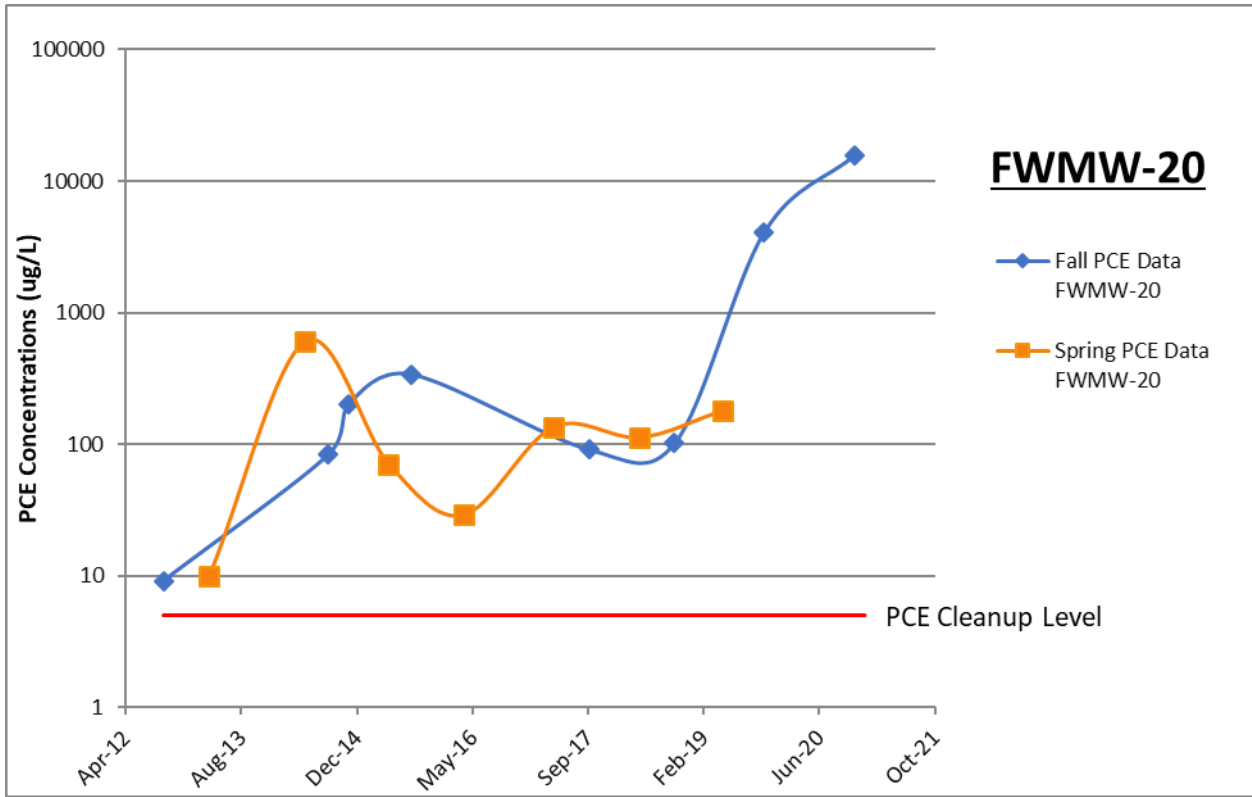


Figure C-39. YRRA Frank Wear Well FWMW-20 PCE Results, June 2012 to November 2020.

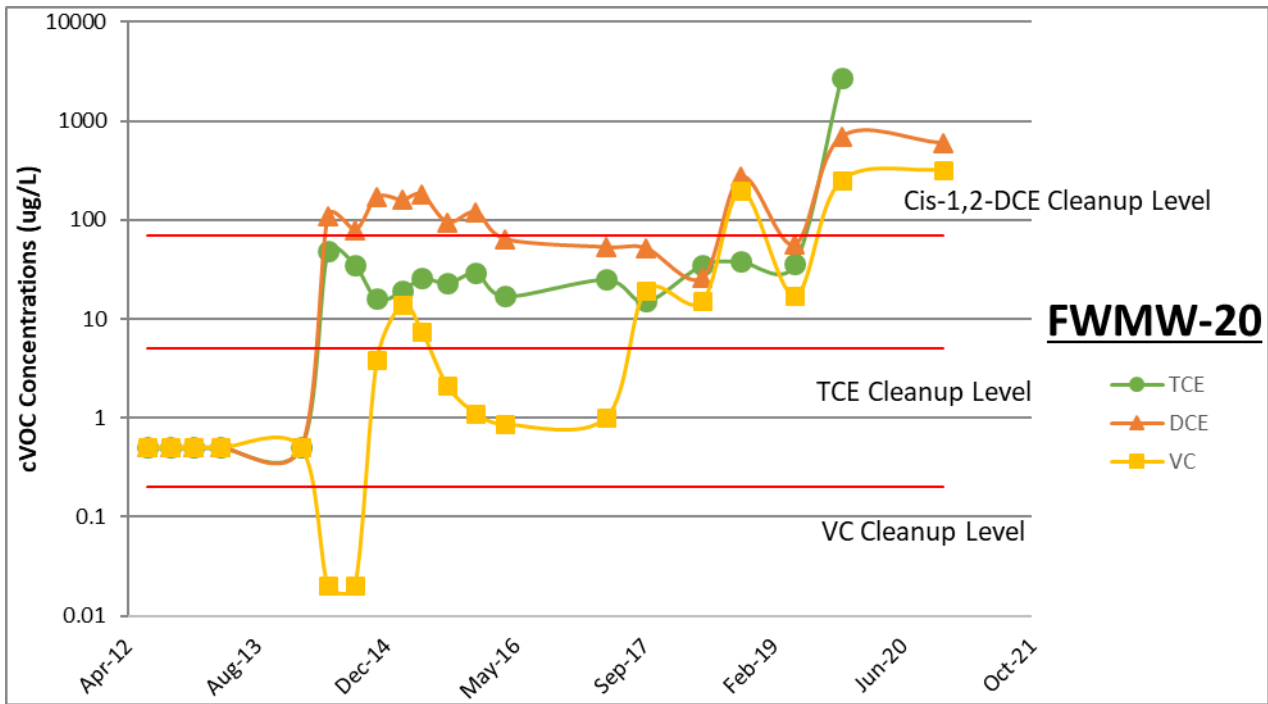


Figure C-40. YRRA Frank Wear Well FWMW-20 TCE, DCE and VC Results, June 2012 to November 2020.

Table C-7 (continued): Summary of Analytical Results (ug/L) for Frank Wear Cleaners – Shallow Wells, February 1995 to November 2020.

Date	YRRA		FWMW-24	
	PCE	TCE	Cis-DCE	VC
6/2012	130	1 U	1 U	1 U
9/2012	110	1 U	1 U	1 U
12/2012	170	1 U	1 U	1 U
3/2013	75	1 U	1 U	1 U
1/2014	34	1 U	1 U	1 U
5/2014	1000	140	330	0.024
8/2014	61	59	150	0.02 U
11/2014	27	18	440	21
2/2015	20	12	100	3
5/2015	32	17	120	13
8/2015	19	6.6	23	2
12/2015	82	37	130	12
3/2016	11	19	140	4.4
4/2017	81	27	40	2 U
9/2017	59 J	8.7	11	0.2 UJ
5/2018	51	12 J	25 J	0.2 UJ
10/2018	71	8.7 J	5.2 J	0.2 UJ
4/2019	53 J	8.9 J	13 J	0.2 U
10/2019	79 J	4.8	2.7	0.2 U
4/2020	--	--	--	--
11/2020	132	3.4	3.1 NJ	0.2 U
MTCA CL	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

NJ: There is evidence that the analyte is present in the sample. Reported result for the tentatively identified analyte is an estimate.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to May 2018 PCE results from FWMW-10).

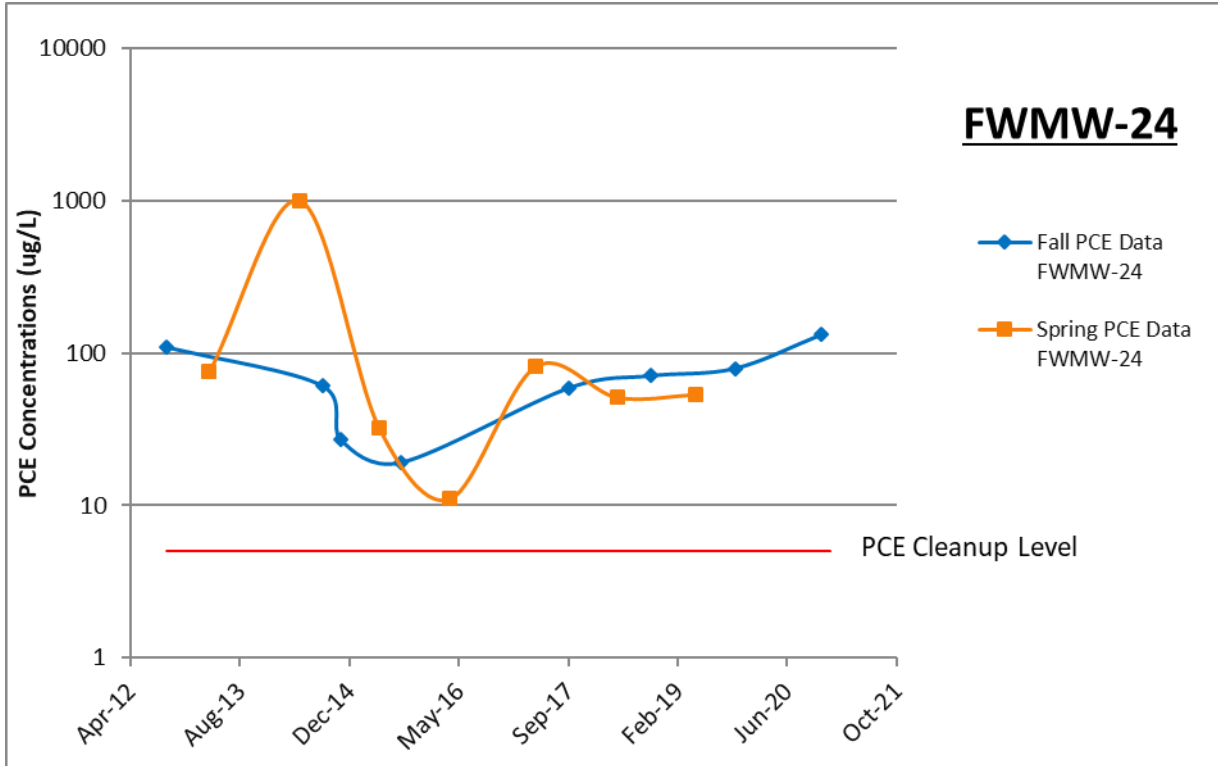


Figure C-41. YRRA Frank Wear Well FWMW-24 PCE Results, June 2012 to November 2020.

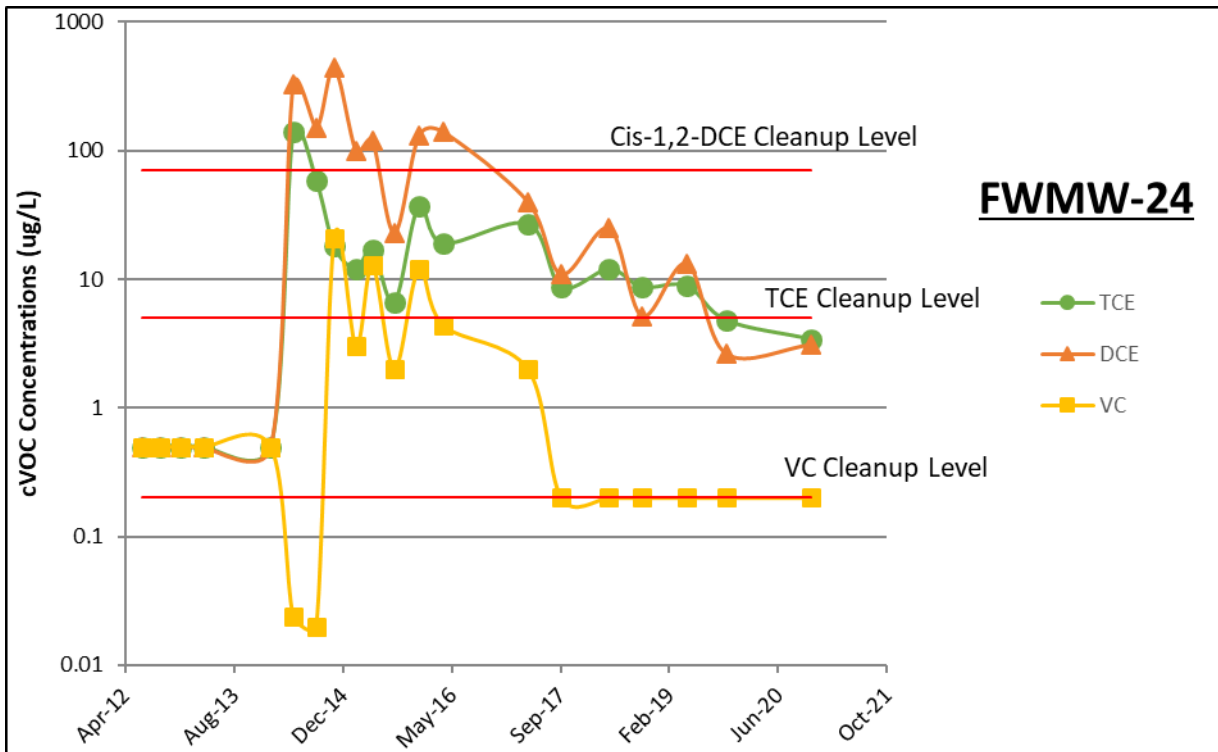


Figure C-42. YRRA Frank Wear Well FWMW-24 TCE, DCE and VC Results, June 2012 to November 2020.

Table C-8: Summary of Analytical Results (ug/L) for Frank Wear Cleaners – Deep Wells, June 2012 to November 2020.

Date	YRRA FWMW-17				YRRA FWMW-18				YRRA FWMW-19			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
6/2012	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
9/2012	1 U	1 U	1 U	1 U	5.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U
12/2012	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3/2013	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1/2014	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5/2014	0.19	0.1 U	0.1 U	0.02 U	0.56	0.1 U	0.1 U	0.02 U	0.12	0.1 U	0.1 U	0.02 U
8/2014	0.17	0.1 U	0.1 U	0.02 U	0.34	0.15	0.11	0.02 U	0.1 U	0.1 U	0.1 U	0.02 U
11/2014	0.1 U	0.1 U	0.52	0.02 U	0.31	0.1 U	0.44	0.02 U	0.11	0.1 U	0.1 U	0.02 U
2/2015	0.5 U	0.2 U	0.2 U	0.086	0.5 U	0.2 U	2.1	0.02 U	0.5 U	0.2 U	0.2 U	0.02 U
5/2015	0.5 U	0.2 U	1.9	0.02 U	0.5 U	0.2 U	0.42	2.9	0.5 U	0.2 U	0.2 U	0.02 U
8/2015	5 U	2 U	2 U	0.2 U	0.5 U	0.2 U	0.2 U	0.02 U	0.62	0.37	0.54	0.02 U
12/2015	2	0.2	1.9	0.02 U	0.5 U	0.2 U	0.23	0.02 U	0.5 U	0.2 U	0.2 U	0.02 U
3/2016	100 U	40 U	40 U	4 U	0.5 U	0.2 U	0.55	0.02 U	0.5 U	0.2 U	0.2 U	0.053
4/2017	0.66 J	0.82 J	0.82 J	0.2 U	0.56 J	1.5	2.3	0.2 U	1 U	1 U	1 U	0.2 U
9/2017	0.64 J	1 U	1 U	0.2 U	0.58 J	1.6	1 U	0.2 U	1 U	1 U	1 U	0.2 U
5/2018	1 U	0.66 J	0.95 J	0.2 U	0.68 J	3.1	1.1	0.2 U	1 U	1 U	1 U	0.2 U
10/2018	0.66 J	1 U	1 U	0.2 U	1.4 J	4.1	0.78 J	0.2 U	0.59 J	1 U	1 U	0.2 U
4/2019	1 U	1 U	1 U	0.2 U	1.8 J	1.3 J	1 UJ	0.2 UJ	1 UJ	1 UJ	1 UJ	0.2 UJ
10/2019	1 U	1 U	1 U	0.2 UJ	2.3	1.4	1 U	0.2 UJ	1 U	1 U	1 U	0.2 UJ
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	0.42 J	1 U	1 UJ	0.2 U	2.9	0.58 J	1 UJ	0.2 U	0.37 J	1 U	1 UJ	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

5/2018: EQ blank ND, Transport blank ND

10/2018: EQ blank PCE 0.82 J ug/L, Transport blank ND

4/2019: EQ blank ND, transport blanks ND

10/2019: EQ blank ND, transport blank ND

11/2020: EQ blank ND, transport blank ND

--: Data unavailable because the well was not sampled

YRRA Remedial Investigation Wells

Table C-9: Summary of Analytical Results (ug/L) for YRRA Remedial Investigation Wells, June 1999 to November 2020.

Date	YRRA RI-3S				YRRA RI-4S				YRRA RI-4D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1999	0.72 J	0.15 U	0.1 U	0.14 U	15.4	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U
9/1999	1.72	0.15 U	0.1 U	0.14 U	13.7	0.15 U	0.1 U	0.14 U	0.61 J	0.15 U	0.1 U	0.14 U
12/1999	2.43	0.15 U	1.09	0.14 U	12.7	0.32 J	0.1 U	0.14 U	1.72	0.34 J	0.1 U	0.14 U
3/2000	0.33 J	0.15 U	0.1 U	0.14 U	12.2	0.15 U	0.1 U	0.14 U	0.34 J	0.15 U	0.1 U	0.14 U
6/2000	2	0.34	0.54	0.14 U	17	0.15 U	0.1 U	0.14 U	1.1	0.15 U	0.1 U	0.14 U
8/2000	2.2	0.39	0.69	0.14 U	11	0.15 U	0.1 U	0.14 U	0.38	0.15 U	0.1 U	0.14 U
12/2000	1.7	0.24	0.83	0.14 U	15	0.15 U	0.1 U	0.14 U	0.52	0.15 U	0.1 U	0.14 U
3/2001	0.3	0.15 U	0.1 U	0.14 U	14	0.15 U	0.1 U	0.14 U	0.78	0.15 U	0.1 U	0.14 U
9/2001	1.7	0.39	0.36	<0.2	11	<0.2	<0.2	<0.2	0.98	<0.2	<0.2	<0.2
3/2002	1.2	0.24	0.4	<0.2	15	<0.2	<0.2	<0.2	1	<0.2	<0.2	<0.2
9/2002	1.1	0.22	0.32	<0.2	11	<0.2	<0.2	<0.2	1	<0.2	<0.2	<0.2
3/2003	0.68	<0.2	0.35	<0.2	13	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2
9/2003	1.6	0.26	<0.2	<0.2	14	<0.2	<0.2	<0.2	1.3	<0.2	<0.2	<0.2
3/2004	0.21	<0.2	<0.2	<0.2	17	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
10/2004	0.92	0.23	<0.2	<0.2	14	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
3/2005	4.7	<0.2	<0.2	<0.2	16	<0.2	<0.2	<0.2	3.2	<0.2	<0.2	<0.2
10/2005	--	--	--	--	18	<0.2	<0.2	<0.2	1.8	<0.2	<0.2	<0.2
12/2005	1	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
4/2006	0.25	<0.2	<0.2	<0.2	14	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
10/2006	0.75	<0.2	<0.2	<0.2	11	<0.2	<0.2	<0.2	1.3	<0.2	<0.2	<0.2
4/2007	1.4	0.22	0.29	<0.2	13	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
10/2007	0.61	<0.2	<0.2	<0.2	11	<0.2	<0.2	<0.2	1.2	<0.2	<0.2	<0.2
4/2008	0.29	<0.2	<0.2	<0.2	13	<0.2	<0.2	<0.2	1.3	<0.2	<0.2	<0.2
10/2008	1.2	1 U	1 U	0.2 U	11	1 U	1 U	0.2 U	1.6	1 U	1 U	0.2 U
4/2009	1.2	1 U	1 U	0.2 U	18	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U
10/2009	1 U	1 U	1 U	0.2 U	13	1 U	1 U	0.2 U	2	1 U	1 U	0.2 U
4/2010	1 U	1 U	1 U	1 U	19	1 U	1 U	1 U	1 U	1 U	1 U	1 U
6/2011	2.5	1 U	1 U	0.2 U	25	1 U	1 U	0.2 U	2.1	1 U	1 U	0.2 U
10/2011	0.59	0.2 U	0.2 U	0.2 U	15	0.2 U	0.2 U	0.2 U	0.73	0.2 U	0.2 U	0.2 U
4/2012	0.2 U	0.2 U	0.2 U	0.2 U	11	0.2 U	0.2 U	0.2 U	0.64	0.2 U	0.2 U	0.2 U
10/2012	0.47	0.2 U	0.2 U	0.2 U	13	0.2 U	0.2 U	0.2 U	0.89	0.2 U	0.2 U	0.2 U
5/2013	1 U	1 U	1 U	1 U	18	1 U	1 U	1 U	1	1 U	1 U	1 U
10/2013	0.88 J	1 U	1 U	1 U	18	1 U	1 U	1 U	1.1	1 U	1 U	1 U
4/2014	0.74 J	1 U	1 U	1 U	16 J	1 U	1 U	1 U	1.5 J	1 U	1 U	1 U
10/2014	0.82 J	1 U	1 U	0.2 U	16	1 U	1 U	0.2 U	1.2	1 U	1 U	0.2 U
4/2015	0.73 J	1 U	1 U	0.2 U	18 J	1 UJ	1 UJ	0.2 UJ	1.3 J	1 UJ	1 UJ	0.2 UJ
10/2015	--	--	--	--	--	--	--	--	--	--	--	--

Date	YRRA RI-3S				YRRA RI-4S				YRRA RI-4D			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
4/2016	0.33 J	1 U	1 U	0.2 U	1	1 U	1 U	0.2 U	1.5	1 U	1 U	0.2 U
10/2016	--	--	--	--	--	--	--	--	--	--	--	--
4/2017	0.86 J	1 U	1 U	0.2 U	21	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U
9/2017	--	--	--	--	--	--	--	--	--	--	--	--
5/2018	1 U	1 U	1 U	0.2 U	16.6	1 U	1 U	0.2 U	1.5	1 U	1 U	0.2 U
10/2018	--	--	--	--	--	--	--	--	--	--	--	--
4/2019	0.51 J	1 U	1 U	0.2 U	9.8	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U
10/2019	--	--	--	--	--	--	--	--	--	--	--	--
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	--	--	--	--	--	--	--	--	--	--	--	--
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

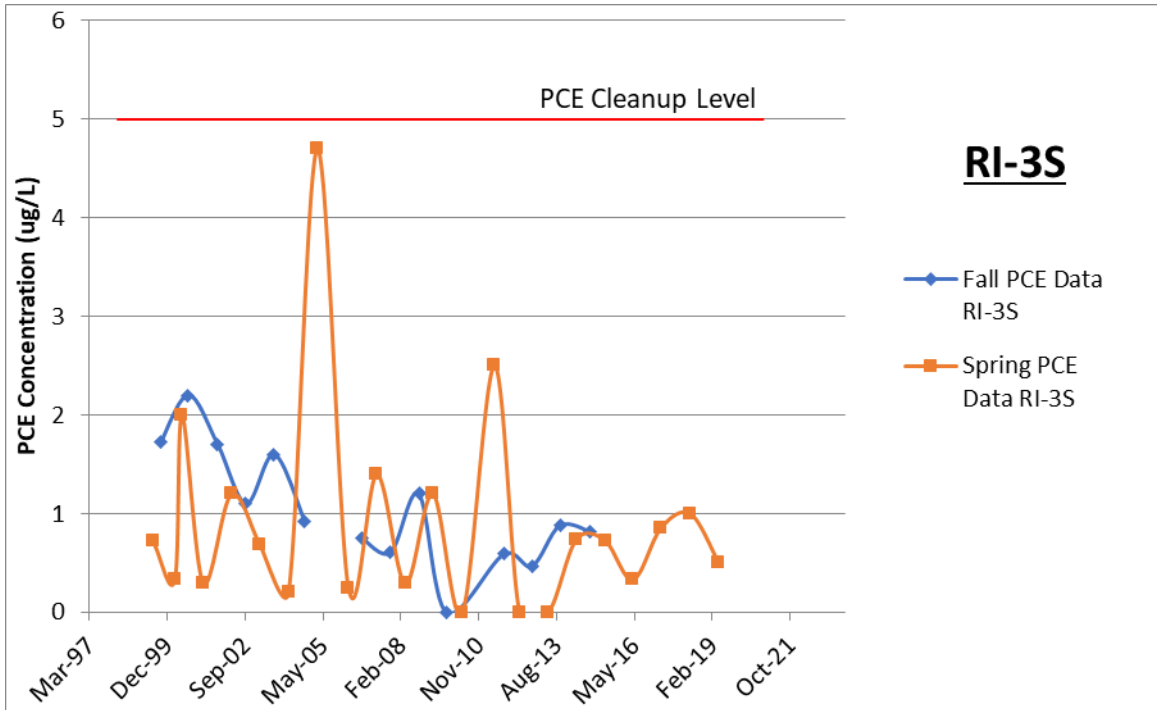


Figure C-43. YRRA Remedial Investigation Well RI-3S PCE Results, June 1999 to April 2019.

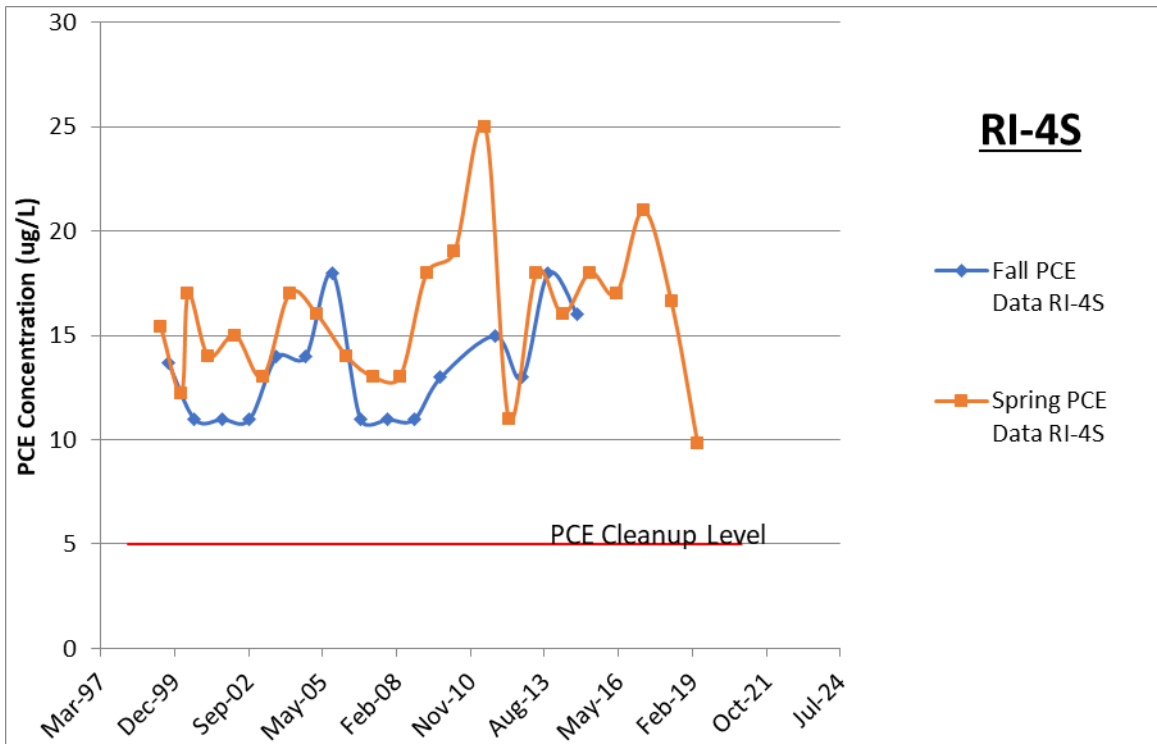


Figure C-44. YRRA Remedial Investigation Well RI-4S PCE Results, June 1999 to April 2019.

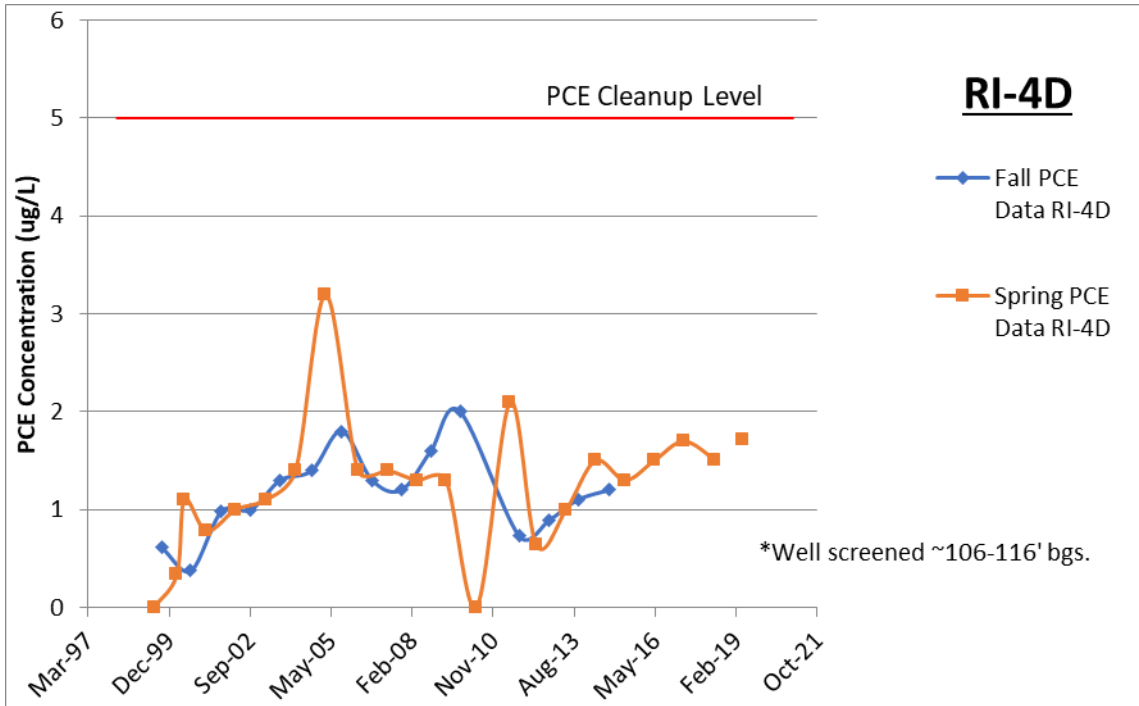


Figure C-45. YRRA Remedial Investigation Well RI-4D PCE Results, June 1999 to April 2019.

Table C-9 (continued): Summary of Analytical Results (ug/L) for YRRA Remedial Investigation Wells, June 1999 to November 2020.

Date	YRRA RI-5S				YRRA RI-5D				YRRA RI-6S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1999	0.8 J	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U	2.04	0.15 U	0.1 U	0.14 U
9/1999	0.59 J	0.15 U	0.1 U	0.14 U	0.25 U	0.15 U	0.1 U	0.14 U	4.72	0.15 U	0.1 U	0.14 U
12/1999	1.84	0.15 U	0.1 U	0.14 U	0.92 J	0.15 U	0.1 U	0.14 U	3.66	0.15 U	0.1 U	0.14 U
3/2000	1.47	0.15 U	0.1 U	0.14 U	0.62 J	0.15 U	0.1 U	0.14 U	2.19	0.15 U	0.1 U	0.14 U
6/2000	0.87	0.15 U	0.1 U	0.14 U	0.55	0.15 U	0.1 U	0.14 U	3.1	0.15 U	0.1 U	0.14 U
8/2000	0.66	0.15 U	0.1 U	0.14 U	0.43	0.15 U	0.1 U	0.14 U	3.8	0.15 U	0.1 U	0.14 U
12/2000	1.1	0.15 U	0.1 U	0.14 U	0.51	0.15 U	0.1 U	0.14 U	3.8	0.15 U	0.1 U	0.14 U
3/2001	1.2	0.15 U	0.1 U	0.14 U	0.51	0.15 U	0.1 U	0.14 U	2.8	0.15 U	0.1 U	0.14 U
9/2001	0.74	<0.2	<0.2	<0.2	0.41	<0.2	<0.2	<0.2	4.3	<0.2	<0.2	<0.2
3/2002	1.2	<0.2	<0.2	<0.2	0.46	<0.2	<0.2	<0.2	2.9	<0.2	<0.2	<0.2
9/2002	0.5	<0.2	<0.2	<0.2	0.46	<0.2	<0.2	<0.2	4	<0.2	<0.2	<0.2
3/2003	1.2	<0.2	<0.2	<0.2	0.5	<0.2	<0.2	<0.2	2.5	<0.2	<0.2	<0.2
9/2003	0.89	<0.2	<0.2	<0.2	0.59	<0.2	<0.2	<0.2	5.3	<0.2	<0.2	<0.2
3/2004	1.4	<0.2	<0.2	<0.2	0.61	<0.2	<0.2	<0.2	3.7	<0.2	<0.2	<0.2
10/2004	0.97	<0.2	<0.2	<0.2	0.68	<0.2	<0.2	<0.2	6	<0.2	<0.2	<0.2
3/2005	1.6	<0.2	<0.2	<0.2	2.1	<0.2	<0.2	<0.2	3.5	<0.2	<0.2	<0.2
10/2005	--	--	--	--	1.9	<0.2	<0.2	<0.2	--	--	--	--
12/2005	0.66	<0.2	<0.2	<0.2	--	--	--	--	4.1	<0.2	<0.2	<0.2
4/2006	0.61	<0.2	<0.2	<0.2	0.61	<0.2	<0.2	<0.2	3.3	<0.2	<0.2	<0.2
10/2006	0.76	<0.2	<0.2	<0.2	0.57	<0.2	<0.2	<0.2	4.9	<0.2	<0.2	<0.2
4/2007	0.76	<0.2	<0.2	<0.2	0.6	<0.2	<0.2	<0.2	3.4	<0.2	<0.2	<0.2
10/2007	1.1	<0.2	<0.2	<0.2	0.61	<0.2	<0.2	<0.2	6	<0.2	<0.2	<0.2
4/2008	1.3	<0.2	<0.2	<0.2	0.55	<0.2	<0.2	<0.2	2.9	<0.2	<0.2	<0.2
10/2008	1.3	1 U	1 U	0.2 U	1	1 U	1 U	0.2 U	5.9	1 U	1 U	0.2 U
4/2009	1 U	1 U	1 U	0.2 U	0.48 J	1 U	1 U	0.2 U	3.9	1 U	1 U	0.2 U
10/2009	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	0.2 U	6.9	1 U	1 U	0.2 U
4/2010	2.4	1 U	1 U	1 U	1	1 U	1 U	1 U	3.9	1 U	1 U	1 U
6/2011	2.4	1 U	1 U	0.2 U	1.7	1 U	1 U	0.2 U	4.4	1 U	1 U	0.2 U
10/2011	1.6	0.2 U	0.2 U	0.2 U	0.78	0.2 U	0.2 U	0.2 U	6.1	0.2 U	0.2 U	0.2 U
4/2012	2	0.2 U	0.2 U	0.2 U	0.69	0.2 U	0.2 U	0.2 U	2.7	0.2 U	0.2 U	0.2 U
10/2012	1.4	0.2 U	0.2 U	0.2 U	0.77	0.2 U	0.2 U	0.2 U	5.7	0.2 U	0.2 U	0.2 U
5/2013	2.4	1 U	1 U	1 U	1.1	1 U	1 U	1 U	3.8	1 U	1 U	1 U
10/2013	2.1	1 U	1 U	1 U	1.2	1 U	1 U	1 U	8.2	1 U	1 U	1 U
4/2014	3 J	1 U	1 U	1 U	1.5 J	1 U	1 U	1 U	3.6 J	1 U	1 U	1 U
10/2014	1.8	1 U	1 U	0.2 U	1.4	1 U	1 U	0.2 U	7.1	1 U	1 U	0.2 U
4/2015	3.3 J	1 UJ	1 UJ	0.2 UJ	1.7 J	1 UJ	1 UJ	0.2 UJ	--	--	--	--
10/2015	--	--	--	--	--	--	--	--	8.5	1 U	1 U	0.2 U
4/2016	2.9	1 U	1 U	0.2 U	1.2	1 U	1 U	0.2 U	--	--	--	--
10/2016	--	--	--	--	--	--	--	--	8.3 J	1 U	1 U	0.2 U
4/2017	4.2	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	--	--	--	--

Date	YRRA RI-5S				YRRA RI-5D				YRRA RI-6S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
9/2017	--	--	--	--	--	--	--	--	6.6	1 U	1 U	0.2 U
5/2018	3.3	1 U	1 U	0.2 U	1.5	1 U	1 U	0.2 U	--	--	--	--
10/2018	--	--	--	--	--	--	--	--	8.8	1 U	1 U	1 U
4/2019	2.3	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U	--	--	--	--
10/2019	--	--	--	--	--	--	--	--	8.5 J	1 U	1 U	0.2 U
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	--	--	--	--	--	--	--	--	8.1	1 U	1 U	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

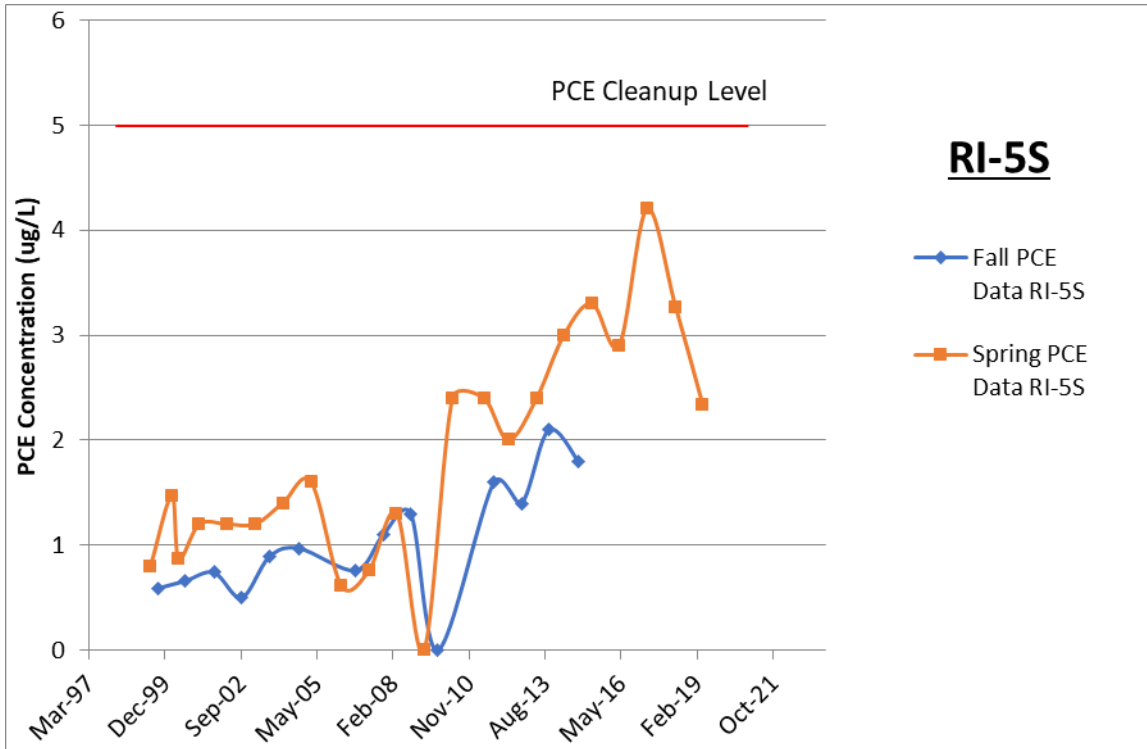


Figure C-46. YRRA Remedial Investigation Well RI-5S PCE Results, June 1999 to April 2019.

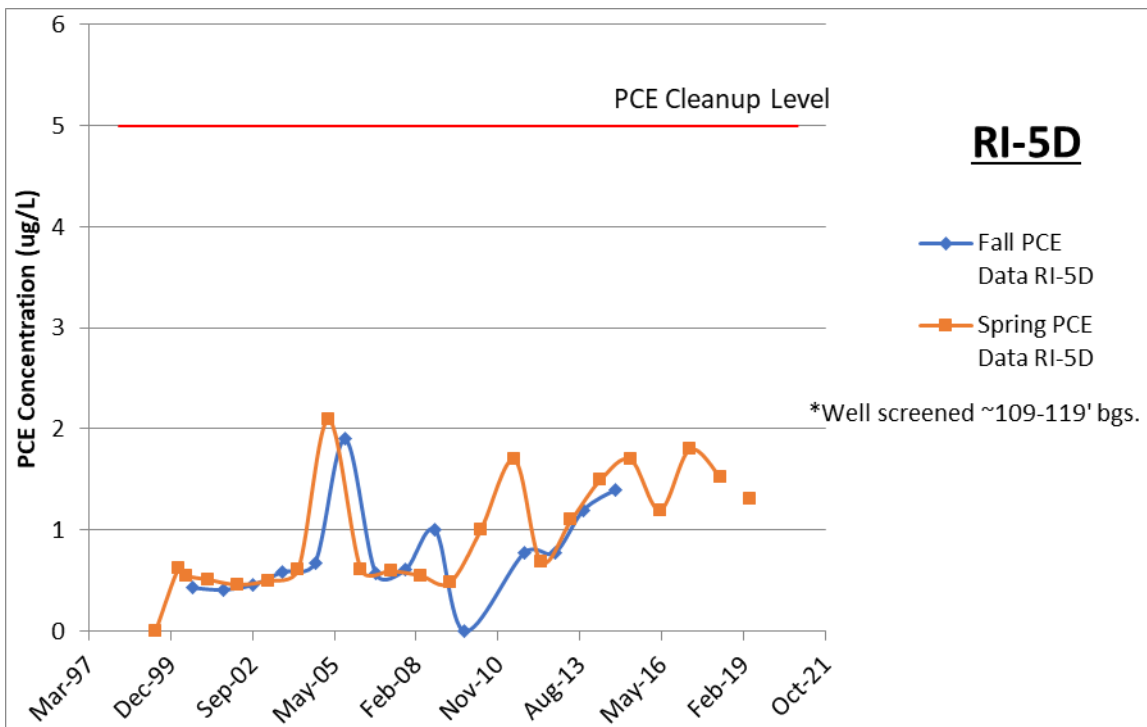


Figure C-47. YRRA Remedial Investigation Well RI-5D PCE Results, June 1999 to April 2019.

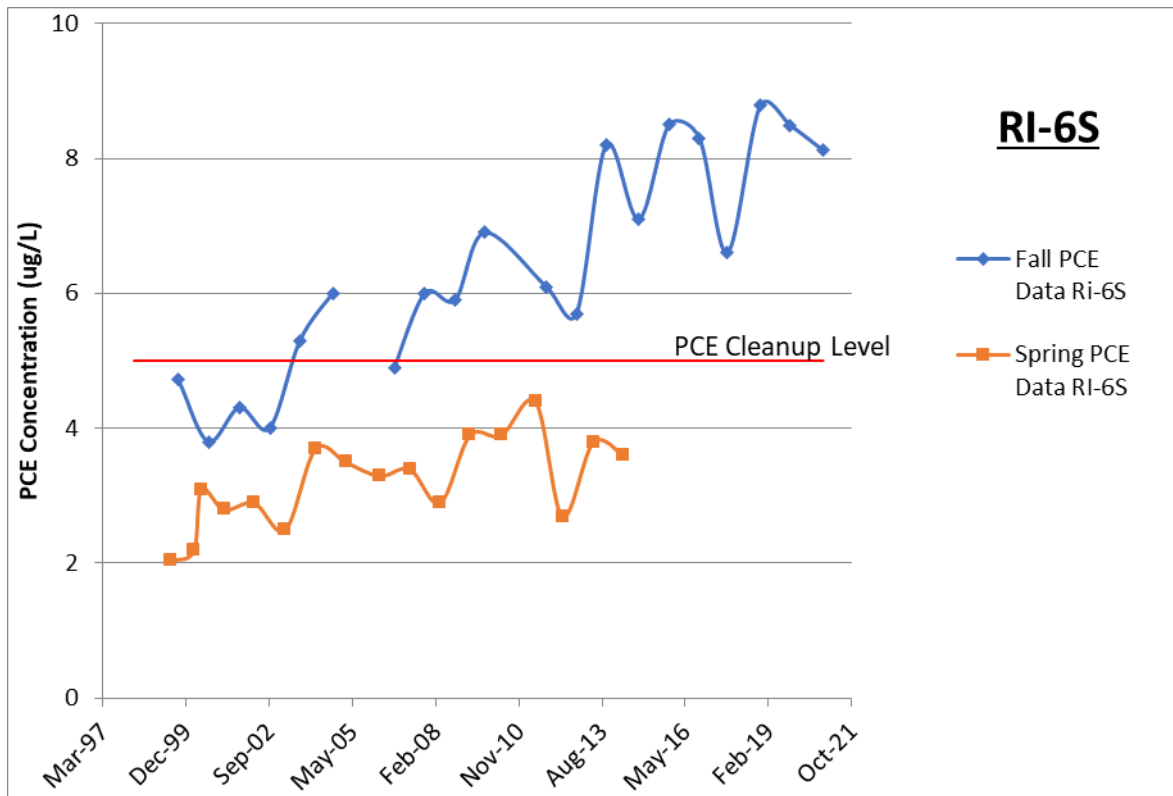


Figure C-48. YRRA Remedial Investigation Well RI-6S PCE Results, June 1999 to November 2020.

Table C-9 (continued): Summary of Analytical Results (ug/L) for YRRA Remedial Investigation Wells, June 1999 to November 2020.

Date	YRRA RI-9S				YRRA RI-10S				YRRA RI-11S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
12/1997	--	--	--	--	--	--	--	--	--	--	--	--
3/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1998	--	--	--	--	--	--	--	--	--	--	--	--
8/1998	--	--	--	--	--	--	--	--	--	--	--	--
6/1999	1.86	0.15 U	0.1 U	0.14 U	2.53	0.15 U	0.1 U	0.14 U	1.4	0.15 U	0.1 U	0.14 U
9/1999	1.44	0.15 U	0.1 U	0.14 U	2.51	0.15 U	0.1 U	0.14 U	1.63	0.15 U	0.1 U	0.14 U
12/1999	1.33	0.15 U	0.1 U	0.14 U	2.33	0.15 U	0.1 U	0.14 U	1.15	0.15 U	0.1 U	0.14 U
3/2000	1.18	0.15 U	0.1 U	0.14 U	1.9	0.15 U	0.1 U	0.14 U	1.01	0.15 U	0.1 U	0.14 U
6/2000	1.4	0.15 U	0.1 U	0.14 U	2	0.15 U	0.1 U	0.14 U	0.99	0.15 U	0.1 U	0.14 U
8/2000	1.4	0.15 U	0.1 U	0.14 U	1.8	0.15 U	0.1 U	0.14 U	1	0.15 U	0.1 U	0.14 U
12/2000	1.9	0.23	0.1 U	0.14 U	2.7	0.15 U	0.1 U	0.14 U	1.6	0.15 U	0.1 U	0.14 U
3/2001	1.9	0.25	0.1 U	0.14 U	2.2	0.15 U	0.1 U	0.14 U	1.1	0.15 U	0.1 U	0.14 U
9/2001	--	--	--	--	2.3	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2
3/2002	1.8	0.21	<0.2	<0.2	2	<0.2	<0.2	<0.2	1.2	<0.2	<0.2	<0.2
9/2002	1.7	0.26	<0.2	<0.2	1.8	<0.2	<0.2	<0.2	1	<0.2	<0.2	<0.2
3/2003	1.6	0.23	<0.2	<0.2	1.8	<0.2	<0.2	<0.2	1	<0.2	<0.2	<0.2
9/2003	1.7	<0.2	<0.2	<0.2	2.8	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
3/2004	2	0.25	<0.2	<0.2	1.9	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2
10/2004	1.5	<0.2	<0.2	<0.2	1.8	<0.2	<0.2	<0.2	0.78	<0.2	<0.2	<0.2
3/2005	2.2	<0.2	<0.2	<0.2	1.9	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2
10/2005	--	--	--	--	--	--	--	--	--	--	--	--
12/2005	2.2	<0.2	<0.2	<0.2	1.6	<0.2	<0.2	<0.2	0.83	<0.2	<0.2	<0.2
4/2006	2.1	0.21	<0.2	<0.2	1.8	<0.2	<0.2	<0.2	0.89	<0.2	<0.2	<0.2
10/2006	--	--	--	--	1.7	<0.2	<0.2	<0.2	0.94	<0.2	<0.2	<0.2
4/2007	1.9	<0.2	<0.2	<0.2	1.9	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2
10/2007	2.1	<0.2	<0.2	<0.2	1.9	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2
4/2008	1.4	<0.2	<0.2	<0.2	1.4	<0.2	<0.2	<0.2	0.71	<0.2	<0.2	<0.2
10/2008	1.4	1 U	1 U	0.2 U	1.5	1 U	1 U	0.2 U	1.1	1 U	1 U	0.2 U
4/2009	1.7	1 U	1 U	0.2 U	1.5	1 U	1 U	0.2 U	0.43 J	1 U	1 U	0.2 U
10/2009	1 U	1 U	1 U	0.2 U	2	1 U	1 U	0.2 U	1 U	1 U	1 U	0.2 U
4/2010	1.9	1 U	1 U	1 U	1.9	1 U	1 U	1 U	1 U	1 U	1 U	0.2 U
6/2011	1 U	1 U	1 U	0.2 U	1.8	1 U	1 U	0.2 U	1.3	1 U	1 U	0.2 U
10/2011	1.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	0.87	0.2 U	0.2 U	0.2 U
4/2012	0.97	0.2 U	0.2 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	0.59	0.2 U	0.2 U	0.2 U
10/2012	1.1	0.2 U	0.2 U	0.2 U	1.6	0.2 U	0.2 U	0.2 U	0.71	0.2 U	0.2 U	0.2 U
5/2013	1.4	1 U	1 U	1 U	1.7	1 U	1 U	1 U	0.83 J	1 U	1 U	1 U
10/2013	1.8	1 U	1 U	1 U	2.1	1 U	1 U	1 U	1	1 U	1 U	1 U
4/2014	1.7 J	1 U	1 U	1 U	1.9 J	1 U	1 U	1 U	--	--	--	--
10/2014	1.6	1 U	1 U	0.2 U	2	1 U	1 U	0.2 U	1.1	1 U	1 U	0.2 U
4/2015	1.7 J	1 UJ	1 UJ	0.2 UJ	2.2 J	1 UJ	1 UJ	0.2 UJ	1.2 J	1 UJ	1 UJ	0.2 UJ
10/2015	--	--	--	--	--	--	--	--	--	--	--	--
4/2016	1.1	1 U	1 U	0.2 U	1.4	1 U	1 U	0.2 U	--	--	--	--
10/2016	--	--	--	--	--	--	--	--	0.82 J	1 U	1 U	0.2 U

Date	YRRA RI-9S				YRRA RI-10S				YRRA RI-11S			
	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC	PCE	TCE	Cis-DCE	VC
4/2017	1.6	1 U	1 U	0.2 U	2	0.6 NJ	1 U	0.2 U	--	--	--	--
9/2017	--	--	--	--	--	--	--	--	--	--	--	--
5/2018	--	--	--	--	2	1 U	1 U	0.2 U	--	--	--	--
10/2018	1.8	1 U	1 U	0.2 U	--	--	--	--	1.3	1 U	1 U	0.2 U
4/2019	--	--	--	--	1.4	1 U	1 U	0.2 U	--	--	--	--
10/2019	--	--	--	--	--	--	--	--	0.61 NJ	1 U	1 U	0.2 U
4/2020	--	--	--	--	--	--	--	--	--	--	--	--
11/2020	1.3	1 U	1 U	0.2 U	--	--	--	--	0.98 J	1 U	1 U	0.2 U
MTCA CL	5	5	70	0.2	5	5	70	0.2	5	5	70	0.2

U: Analyte was not detected at or above the reported value.

J: Analyte was positively identified. The associated numerical result is an estimate.

ND: Analyte was not detected.

REJ: Rejected. Result considered suspect due to possible cross-contamination. Well re-sampled in December 2005.

NJ: There is evidence that the analyte is present in the sample. Reported result for the tentatively identified analyte is an estimate .

Bold: Analyte was detected.

Shade: Values are greater than MTCA cleanup levels.

--: Data unavailable because (1) the well was not sampled, or (2) suspect results were rejected from the study due to quality issues (Applies to October 2005 results from wells RIS-3S, RI-5S, RI-6S, RI-9S, RI-10S, and RI-11S).

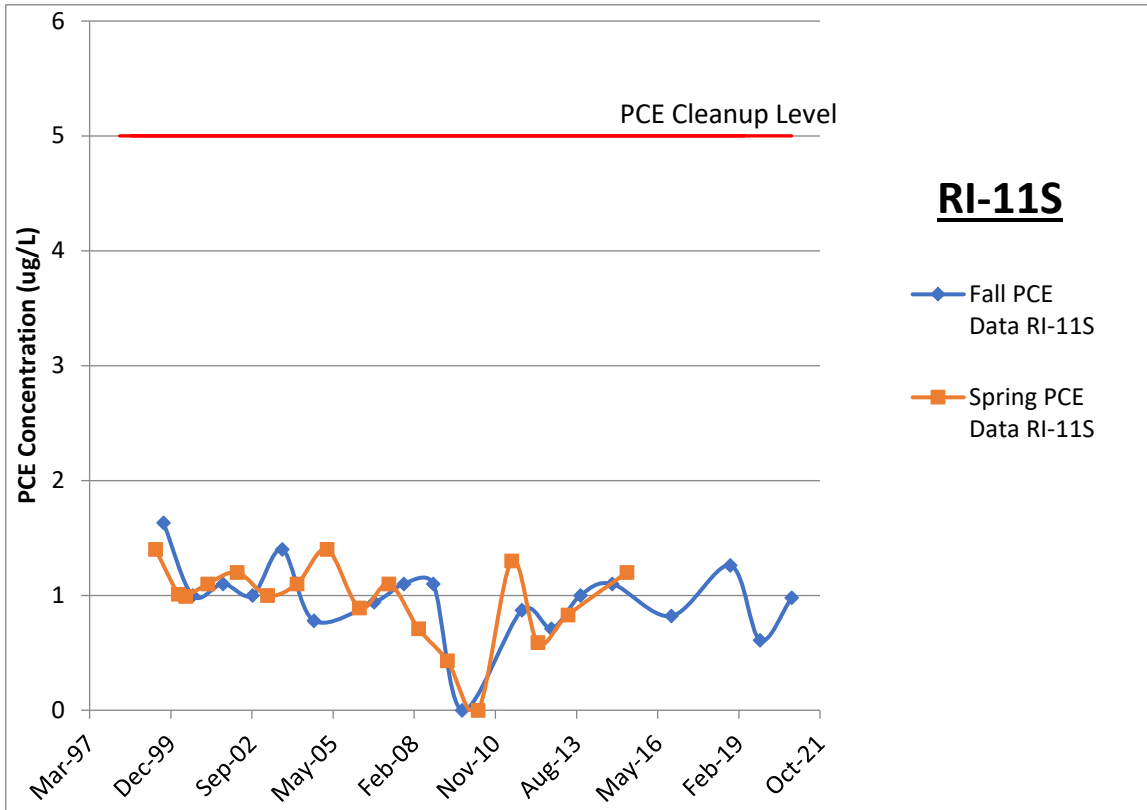


Figure C-51. YRRA Remedial Investigation Well RI-11S PCE Results, June 1999 to November 2020.