Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

ARF-023653

APR - 4 2022

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Jon Richards
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Savannah River Site's Responses to the Regulatory Comments on the 2020 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U) (SRNS-RP-2021-03748, Revision 0, July 2021) SEMS Number 63

In accordance with the terms of the Federal Facility Agreement, the U. S. Department of Energy (DOE) is submitting the subject comment responses for your review and approval. The South Carolina Department of Health and Environmental Control (SCDHEC) and the U. S. Environmental Protection Agency (EPA) provided comments on the Revision 0 report on November 29, 2021 and January 05, 2022, respectively. This report will not be revised; however, all comment responses will be included in the next monitoring report, as applicable. Please review these responses and provide your approval thirty (30) days from receipt. The effort and time that the SCDHEC and the EPA have given on the subject operable unit are greatly appreciated.

Comments or questions from your staff may be directed to me at (803) 952-8365 or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey

Digitally signed by Brian T. Hennessey
Date: 2022.03.30 16:14:54 -04'00'

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-22-136

APR - 4 2022

Enclosures:
1. SRS Responses to EPA Comments on the 2020 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U) (SRNS-RP-2021-03748, Revision 0, July 2021) SEMS Number 63
2. SRS Responses to SCDHEC Comments on the 2020 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U) (SRNS-RP-2021-03748, Revision 0, July 2021) SEMS Number 63

cc w/o encl:
J. Blalock, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. Reece, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
T. R. Fuss, SCDHEC-Aiken Environmental Affairs Office
G. O'Quinn, SCDHEC-Aiken Environmental Affairs Office
B. A. Cameron, SCDHEC-Aiken Environmental Affairs Office
K. L. Beatty, SCDHEC-Aiken Environmental Affairs Office
H. L. Herlong, SCDHEC-Aiken Environmental Affairs Office
R. H. Pope, EPA-Atlanta

cc w/encl:
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc
.

Contact for all Responses to Comments: Ashley Shull (ashley.shull@srs.gov) (803-952-7090)

SCDHEC Specific Comments:

1. Section 3.4 PFAS Plume, page 14 of 26. This section states that PFAS contamination was confirmed in the groundwater at the Fire Training Area and the Former Gas Station using EPA method 537.1MOD. In March 2020, USEPA published a final method 537.1 Version 2.0 for PFAS analysis in drinking water utilizing SPE and LC/MS/MS. If DOE used a 'modified' method 537.1, please include this information in the text.

   Response: Agree

   EPA method 537.1MOD is a modified method and was the only one available for PFAS groundwater analyses through the SRS contracted labs. It is considered a modified method only because the water samples are not "drinking water" and are groundwater; however, the lab runs the samples as they were drinking water samples. Future Groundwater Monitoring Reports and letters will clearly identify if a modified method was utilized. No changes to the 2020 Groundwater Monitoring Report are proposed.

2. Section 3.5, Additional Sampling Around the 484-D Powerhouse, page 15 of 26. The first sentence of this section states that six wells were sampled around 484-D, but only five were listed. Please include DCB 026D.

   Response: Agree

   DCB026D should have been included in the list of wells. Future reports will ensure all wells are listed. No changes to the 2020 Groundwater Monitoring Report are proposed.

3. Section 5.1.1, Metals (Low pH Coal Leachate) Plume, page 21 of 26. The final paragraph of this section states that the majority of threshold exceedances at DCB 21B and 21C remain below MCLs, with concentrations below those of nearby source wells, and are not new occurrences. Beryllium should be pointed out as an exception to this statement and briefly discussed in this paragraph, as the concentration at 21C has steadily increased over the past several years above both TL and MCL and is the highest of all source wells.

   Response: Agree

   Future Groundwater Monitoring Reports or letters will call out beryllium at DCB 21C and discuss the steadily increasing trend seen at this well. No changes to the 2020 Groundwater Monitoring Report are proposed.

4. Section 5.1.4 PFAS Plume, page 22 of 26. The second to last sentence in this section states that the USEPA RSL for PFOS is 401 ng/L. Please correct to 40.1 ng/L.

   Response: Clarification

   The EPA RSL using the target hazard index of 1 for a child has a screening level of 0.401 µg/L which is 401 ng/L. No changes to the 2020 Groundwater Monitoring Report are proposed.

5. Appendix C, Table C-1 2Q2019 D-Area Compliance Monitoring and Table C-3 2Q2020 D-Area Compliance Monitoring. Table C-1 shows text in blue for metals data collected at several wells designated for metals analysis during 2Q sampling, indicating that these were not required analyses. This appears to be a typographical error, mirroring data presented for 4Q sampling activities. Table C-3 shows the correct black text for these wells, with the exception of DCB 026D. Please correct.

   Response: Agree

   Many of the analyses were incorrectly shown with blue text (not required). Settings in the table creation program will be corrected to match Table B-1, *Groundwater Samples Analyte List and Sample Frequency*, for future data tables. However, all available data was posted. No changes to the 2020 Groundwater Monitoring Report are proposed.

6. Appendix C, Table C-7 2020 Additional Sample Results, pages C-50 through C-54. This table, which is referenced on page 9 for the results for additional sampling wells, contains data for only 7 of the 32 wells listed on Table B-3. Please correct the document as necessary.

   Response: Clarification

   Data for existing wells that are part of the DAG OU monitoring network and are already listed in Table C-3 include the additional analyses in Table C-3. This includes DCB 23D, DCB 37D, and DWP 8 as well as tritium for DCB 26AR, DCB026D, DCB 62, and DCB 63.

   All PFAS data is provided in Table C-5.

   The full suite analyses data for the six wells around the Powerhouse (DCB 26AR, DCB026D, DCB 41A, DCB 41C, DCB 43A, DCB 43C) are included in table C-6. No changes to the 2020 Groundwater Monitoring Report are proposed.

7. Appendix D, Figure D-35 Additional Sample Locations 2020, page D-73. Please include the locations for DOB 9 and DOL 1 on this figure, and add a PFAS symbol for DAP 2.

   Response: Agree

   The figure has been updated and is included with these comment responses. No changes to the 2020 Groundwater Monitoring Report are proposed.

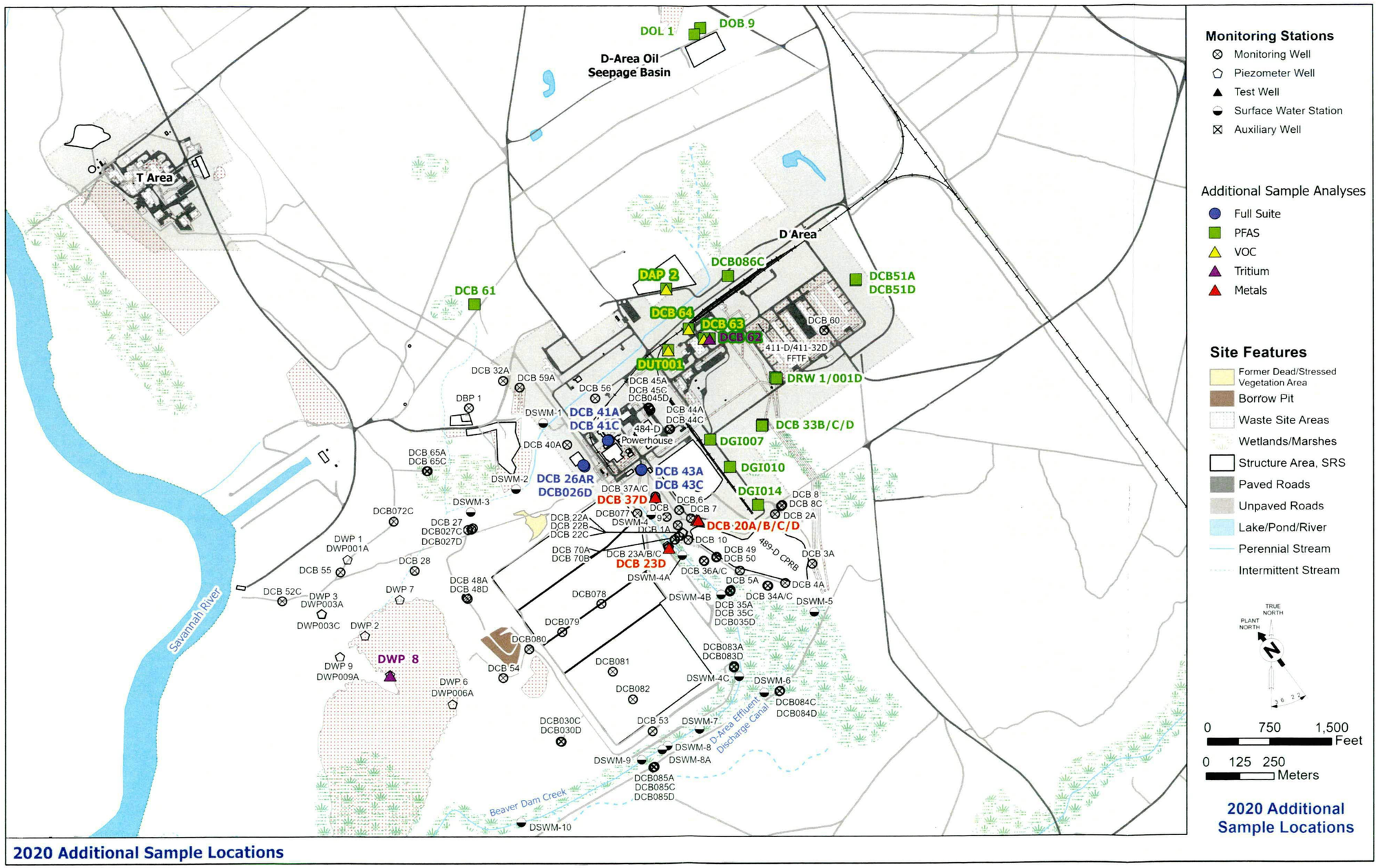

Figure D-35. Additional Sample Locations 2020

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41A	7/28/2020	EPA6020B	ALUMINUM	U	U	250	ug/L	SD	96.5	250	200	NSDWS
DCB 41A	7/28/2020	EPA6020B	ALUMINUM	U	U	50	ug/L	REG	19.3	50	200	NSDWS
DCB 41C	7/28/2020	EPA6020B	ALUMINUM	U	U	50	ug/L	REG	19.3	50	200	NSDWS
DCB 43A	7/28/2020	EPA6020B	ALUMINUM			257	ug/L	REG	19.3	50	200	NSDWS
DCB 43C	7/28/2020	EPA6020B	ALUMINUM			3640	ug/L	REG	19.3	50	200	NSDWS
DCB 26AR	5/18/2020	EPA6020B	ALUMINUM			110	ug/L	REG	19.3	50	200	NSDWS
DCB026D	7/28/2020	EPA6020B	ALUMINUM	U	U	50	ug/L	REG	19.3	50	200	NSDWS
DCB 41A	7/28/2020	EPA6020B	ANTIMONY	U	U	15	ug/L	SD	5	15	6	MCL
DCB 41A	7/28/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB 41C	7/28/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB 43A	7/28/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB 43C	7/28/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB 26AR	5/18/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB026D	7/28/2020	EPA6020B	ANTIMONY	U	U	3	ug/L	REG	1	3	6	MCL
DCB 41A	7/28/2020	EPA6020B	ARSENIC	U	U	25	ug/L	SD	10	25	10	MCL
DCB 41A	7/28/2020	EPA6020B	ARSENIC	U	U	5	ug/L	REG	2	5	10	MCL
DCB 41C	7/28/2020	EPA6020B	ARSENIC	U	U	5	ug/L	REG	2	5	10	MCL
DCB 43A	7/28/2020	EPA6020B	ARSENIC	U	U	5	ug/L	REG	2	5	10	MCL
DCB 43C	7/28/2020	EPA6020B	ARSENIC			22.7	ug/L	REG	2	5	10	MCL
DCB 26AR	5/18/2020	EPA6020B	ARSENIC	U	U	5	ug/L	REG	2	5	10	MCL
DCB026D	7/28/2020	EPA6020B	ARSENIC	U	U	5	ug/L	REG	2	5	10	MCL
DCB 41A	7/28/2020	EPA6020B	BARIUM	J	J	13.1	ug/L	SD	3.35	20	2000	MCL
DCB 41A	7/28/2020	EPA6020B	BARIUM			14.5	ug/L	REG	0.67	4	2000	MCL
DCB 41C	7/28/2020	EPA6020B	BARIUM			14.9	ug/L	REG	0.67	4	2000	MCL
DCB 43A	7/28/2020	EPA6020B	BARIUM			24	ug/L	REG	0.67	4	2000	MCL
DCB 43C	7/28/2020	EPA6020B	BARIUM			222	ug/L	REG	0.67	4	2000	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 26AR	5/18/2020	EPA6020B	BARIUM			23.3	ug/L	REG	0.67	4	2000	MCL
DCB026D	7/28/2020	EPA6020B	BARIUM			28	ug/L	REG	0.67	4	2000	MCL
DCB 41A	7/28/2020	EPA6020B	BERYLLIUM	U	U	2.5	ug/L	SD	1	2.5	4	MCL
DCB 41A	7/28/2020	EPA6020B	BERYLLIUM		J	0.665	ug/L	REG	0.2	0.5	4	MCL
DCB 41C	7/28/2020	EPA6020B	BERYLLIUM		J	1.29	ug/L	REG	0.2	0.5	4	MCL
DCB 43A	7/28/2020	EPA6020B	BERYLLIUM		J	1.34	ug/L	REG	0.2	0.5	4	MCL
DCB 43C	7/28/2020	EPA6020B	BERYLLIUM		J	7.46	ug/L	REG	0.2	0.5	4	MCL
DCB 26AR	5/18/2020	EPA6020B	BERYLLIUM	J	J	0.376	ug/L	REG	0.2	0.5	4	MCL
DCB026D	7/28/2020	EPA6020B	BERYLLIUM	J	J	0.363	ug/L	REG	0.2	0.5	4	MCL
DCB 41A	7/28/2020	EPA6020B	CADMIUM	U	U	5	ug/L	SD	1.5	5	5	MCL
DCB 41A	7/28/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB 41C	7/28/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB 43A	7/28/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB 43C	7/28/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB 26AR	5/18/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB026D	7/28/2020	EPA6020B	CADMIUM	U	U	1	ug/L	REG	0.3	1	5	MCL
DCB 41A	7/28/2020	EPA6020B	CALCIUM		J	4300	ug/L	SD	400	1000	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	CALCIUM		J	4450	ug/L	REG	80	200	N/A	N/A
DCB 41C	7/28/2020	EPA6020B	CALCIUM		J	3650	ug/L	REG	80	200	N/A	N/A
DCB 43A	7/28/2020	EPA6020B	CALCIUM		J	1920	ug/L	REG	80	200	N/A	N/A
DCB 43C	7/28/2020	EPA6020B	CALCIUM		J	38300	ug/L	REG	80	200	N/A	N/A
DCB 26AR	5/18/2020	EPA6020B	CALCIUM			4400	ug/L	REG	80	200	N/A	N/A
DCB026D	7/28/2020	EPA6020B	CALCIUM		J	10000	ug/L	REG	80	200	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	CHROMIUM	U	U	50	ug/L	SD	15	50	100	MCL
DCB 41A	7/28/2020	EPA6020B	CHROMIUM	J	J	3.5	ug/L	REG	3	10	100	MCL
DCB 41C	7/28/2020	EPA6020B	CHROMIUM	U	U	10	ug/L	REG	3	10	100	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43A	7/28/2020	EPA6020B	CHROMIUM	U	U	10	ug/L	REG	3	10	100	MCL
DCB 43C	7/28/2020	EPA6020B	CHROMIUM			25.7	ug/L	REG	3	10	100	MCL
DCB 26AR	5/18/2020	EPA6020B	CHROMIUM	J	J	4.39	ug/L	REG	3	10	100	MCL
DCB026D	7/28/2020	EPA6020B	CHROMIUM	U	U	10	ug/L	REG	3	10	100	MCL
DCB 41A	7/28/2020	EPA6020B	COBALT	U	U	5	ug/L	SD	1.5	5	6	RSL
DCB 41A	7/28/2020	EPA6020B	COBALT	J	J	0.306	ug/L	REG	0.3	1	6	RSL
DCB 41C	7/28/2020	EPA6020B	COBALT	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 43A	7/28/2020	EPA6020B	COBALT	J	J	0.679	ug/L	REG	0.3	1	6	RSL
DCB 43C	7/28/2020	EPA6020B	COBALT			5.42	ug/L	REG	0.3	1	6	RSL
DCB 26AR	5/18/2020	EPA6020B	COBALT			1.89	ug/L	REG	0.3	1	6	RSL
DCB026D	7/28/2020	EPA6020B	COBALT	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 41A	7/28/2020	EPA6020B	COPPER	U	U	10	ug/L	SD	1.5	10	1300	MCL
DCB 41A	7/28/2020	EPA6020B	COPPER	J	J	0.785	ug/L	REG	0.3	2	1300	MCL
DCB 41C	7/28/2020	EPA6020B	COPPER			4.14	ug/L	REG	0.3	2	1300	MCL
DCB 43A	7/28/2020	EPA6020B	COPPER			2.83	ug/L	REG	0.3	2	1300	MCL
DCB 43C	7/28/2020	EPA6020B	COPPER			5.8	ug/L	REG	0.3	2	1300	MCL
DCB 26AR	5/18/2020	EPA6020B	COPPER	J	J	0.58	ug/L	REG	0.3	2	1300	MCL
DCB026D	7/28/2020	EPA6020B	COPPER	U	U	2	ug/L	REG	0.3	2	1300	MCL
DCB 41A	7/28/2020	EPA6020B	IRON	U	U	500	ug/L	SD	165	500	300	NSDWS
DCB 41A	7/28/2020	EPA6020B	IRON	U	U	100	ug/L	REG	33	100	300	NSDWS
DCB 41C	7/28/2020	EPA6020B	IRON	U	U	100	ug/L	REG	33	100	300	NSDWS
DCB 43A	7/28/2020	EPA6020B	IRON	J	J	51.7	ug/L	REG	33	100	300	NSDWS
DCB 43C	7/28/2020	EPA6020B	IRON			67000	ug/L	REG	330	1000	300	NSDWS
DCB 26AR	5/18/2020	EPA6020B	IRON			134	ug/L	REG	33	100	300	NSDWS
DCB026D	7/28/2020	EPA6020B	IRON			2480	ug/L	REG	33	100	300	NSDWS
DCB 41A	7/28/2020	EPA6020B	LEAD	U	U	10	ug/L	SD	2.5	10	15	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41A	7/28/2020	EPA6020B	LEAD	J	J	0.621	ug/L	REG	0.5	2	15	MCL
DCB 41C	7/28/2020	EPA6020B	LEAD			4.06	ug/L	REG	0.5	2	15	MCL
DCB 43A	7/28/2020	EPA6020B	LEAD	J	J	1.48	ug/L	REG	0.5	2	15	MCL
DCB 43C	7/28/2020	EPA6020B	LEAD			6.69	ug/L	REG	0.5	2	15	MCL
DCB 26AR	5/18/2020	EPA6020B	LEAD	U	U	2	ug/L	REG	0.5	2	15	MCL
DCB026D	7/28/2020	EPA6020B	LEAD	U	U	2	ug/L	REG	0.5	2	15	MCL
DCB 41A	7/28/2020	EPA6020B	MAGNESIUM			662	ug/L	SD	50	150	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	MAGNESIUM			706	ug/L	REG	10	30	N/A	N/A
DCB 41C	7/28/2020	EPA6020B	MAGNESIUM			714	ug/L	REG	10	30	N/A	N/A
DCB 43A	7/28/2020	EPA6020B	MAGNESIUM			694	ug/L	REG	10	30	N/A	N/A
DCB 43C	7/28/2020	EPA6020B	MAGNESIUM			2120	ug/L	REG	10	30	N/A	N/A
DCB 26AR	5/18/2020	EPA6020B	MAGNESIUM			879	ug/L	REG	10	30	N/A	N/A
DCB026D	7/28/2020	EPA6020B	MAGNESIUM			785	ug/L	REG	10	30	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	MANGANESE	U	U	25	ug/L	SD	5	25	50	NSDWS
DCB 41A	7/28/2020	EPA6020B	MANGANESE	J	J	3.59	ug/L	REG	1	5	50	NSDWS
DCB 41C	7/28/2020	EPA6020B	MANGANESE			5.9	ug/L	REG	1	5	50	NSDWS
DCB 43A	7/28/2020	EPA6020B	MANGANESE			11.3	ug/L	REG	1	5	50	NSDWS
DCB 43C	7/28/2020	EPA6020B	MANGANESE			293	ug/L	REG	1	5	50	NSDWS
DCB 26AR	5/18/2020	EPA6020B	MANGANESE			7.52	ug/L	REG	1	5	50	NSDWS
DCB026D	7/28/2020	EPA6020B	MANGANESE			35.3	ug/L	REG	1	5	50	NSDWS
DCB 41A	7/28/2020	EPA6020B	NICKEL	U	U	10	ug/L	SD	3	10	390	RSL
DCB 41A	7/28/2020	EPA6020B	NICKEL	J	J	1.99	ug/L	REG	0.6	2	390	RSL
DCB 41C	7/28/2020	EPA6020B	NICKEL	J	J	0.886	ug/L	REG	0.6	2	390	RSL
DCB 43A	7/28/2020	EPA6020B	NICKEL	J	J	1.03	ug/L	REG	0.6	2	390	RSL
DCB 43C	7/28/2020	EPA6020B	NICKEL			15.4	ug/L	REG	0.6	2	390	RSL
DCB 26AR	5/18/2020	EPA6020B	NICKEL			3.64	ug/L	REG	0.6	2	390	RSL

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Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA6020B	NICKEL	U	U	2	ug/L	REG	0.6	2	390	RSL
DCB 41A	7/28/2020	EPA6020B	POTASSIUM	J	J	976	ug/L	SD	400	1500	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	POTASSIUM			947	ug/L	REG	80	300	N/A	N/A
DCB 41C	7/28/2020	EPA6020B	POTASSIUM			1130	ug/L	REG	80	300	N/A	N/A
DCB 43A	7/28/2020	EPA6020B	POTASSIUM			1100	ug/L	REG	80	300	N/A	N/A
DCB 43C	7/28/2020	EPA6020B	POTASSIUM			1570	ug/L	REG	80	300	N/A	N/A
DCB 26AR	5/18/2020	EPA6020B	POTASSIUM			945	ug/L	REG	80	300	N/A	N/A
DCB026D	7/28/2020	EPA6020B	POTASSIUM			1160	ug/L	REG	80	300	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	SELENIUM	U	U	25	ug/L	SD	10	25	50	MCL
DCB 41A	7/28/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB 41C	7/28/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB 43A	7/28/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB 43C	7/28/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB 26AR	5/18/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB026D	7/28/2020	EPA6020B	SELENIUM	U	U	5	ug/L	REG	2	5	50	MCL
DCB 41A	7/28/2020	EPA6020B	SILVER	U	U	5	ug/L	SD	1.5	5	100	NSDWS
DCB 41A	7/28/2020	EPA6020B	SILVER	U	U	1	ug/L	REG	0.3	1	100	NSDWS
DCB 41C	7/28/2020	EPA6020B	SILVER	U	U	1	ug/L	REG	0.3	1	100	NSDWS
DCB 43A	7/28/2020	EPA6020B	SILVER	U	U	1	ug/L	REG	0.3	1	100	NSDWS
DCB 43C	7/28/2020	EPA6020B	SILVER	J	J	0.358	ug/L	REG	0.3	1	100	NSDWS
DCB 26AR	5/18/2020	EPA6020B	SILVER	U	U	1	ug/L	REG	0.3	1	100	NSDWS
DCB026D	7/28/2020	EPA6020B	SILVER	U	U	1	ug/L	REG	0.3	1	100	NSDWS
DCB 41A	7/28/2020	EPA6020B	SODIUM			3540	ug/L	SD	400	1250	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	SODIUM			3780	ug/L	REG	80	250	N/A	N/A
DCB 41C	7/28/2020	EPA6020B	SODIUM			4830	ug/L	REG	80	250	N/A	N/A
DCB 43A	7/28/2020	EPA6020B	SODIUM			3320	ug/L	REG	80	250	N/A	N/A

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA6020B	SODIUM			1930	ug/L	REG	80	250	N/A	N/A
DCB 26AR	5/18/2020	EPA6020B	SODIUM			23200	ug/L	REG	80	250	N/A	N/A
DCB026D	7/28/2020	EPA6020B	SODIUM			1700	ug/L	REG	80	250	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	THALLIUM	U	U	10	ug/L	SD	3	10	2	MCL
DCB 41A	7/28/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB 41C	7/28/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB 43A	7/28/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB 43C	7/28/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB 26AR	5/18/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB026D	7/28/2020	EPA6020B	THALLIUM	U	U	2	ug/L	REG	0.6	2	2	MCL
DCB 41A	7/28/2020	EPA6020B	VANADIUM	J	J	26.6	ug/L	SD	16.5	100	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	VANADIUM	U	U	8.56	ug/L	REG	3.3	20	N/A	N/A
DCB 41C	7/28/2020	EPA6020B	VANADIUM	J	J	15.4	ug/L	REG	3.3	20	N/A	N/A
DCB 43A	7/28/2020	EPA6020B	VANADIUM	J	J	10.9	ug/L	REG	3.3	20	N/A	N/A
DCB 43C	7/28/2020	EPA6020B	VANADIUM	J	J	14.6	ug/L	REG	3.3	20	N/A	N/A
DCB 26AR	5/18/2020	EPA6020B	VANADIUM	U	U	20	ug/L	REG	3.3	20	N/A	N/A
DCB026D	7/28/2020	EPA6020B	VANADIUM	J	J	18.1	ug/L	REG	3.3	20	N/A	N/A
DCB 41A	7/28/2020	EPA6020B	ZINC	U	U	100	ug/L	SD	16.5	100	5000	NSDWS
DCB 41A	7/28/2020	EPA6020B	ZINC	J	J	5.54	ug/L	REG	3.3	20	5000	NSDWS
DCB 41C	7/28/2020	EPA6020B	ZINC			20.1	ug/L	REG	3.3	20	5000	NSDWS
DCB 43A	7/28/2020	EPA6020B	ZINC	J	J	8.7	ug/L	REG	3.3	20	5000	NSDWS
DCB 43C	7/28/2020	EPA6020B	ZINC			33.2	ug/L	REG	3.3	20	5000	NSDWS
DCB 26AR	5/18/2020	EPA6020B	ZINC	J	J	5.09	ug/L	REG	3.3	20	5000	NSDWS
DCB026D	7/28/2020	EPA6020B	ZINC	U	U	20	ug/L	REG	3.3	20	5000	NSDWS
DCB 41A	7/28/2020	EPA7470A	MERCURY	U	U	1	ug/L	SD	0.34	1	2	MCL
DCB 41A	7/28/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL
DCB 43A	7/28/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL
DCB 43C	7/28/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL
DCB 26AR	5/18/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL
DCB026D	7/28/2020	EPA7470A	MERCURY	U	U	0.2	ug/L	REG	0.07	0.2	2	MCL
DCB 41A	7/28/2020	EPA8015D	OIL RANGE ORGANICS	J	J	131	ug/L	REG	75	200	N/A	N/A
DCB 41C	7/28/2020	EPA8015D	OIL RANGE ORGANICS	J	J	132	ug/L	REG	75	200	N/A	N/A
DCB 43A	7/28/2020	EPA8015D	OIL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 43C	7/28/2020	EPA8015D	OIL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 26AR	5/18/2020	EPA8015D	OIL RANGE ORGANICS	UJ	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB026D	7/28/2020	EPA8015D	OIL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 41A	7/28/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 41C	7/28/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 43A	7/28/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 43C	7/28/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 26AR	5/18/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	UJ	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB026D	7/28/2020	EPA8015D	TPH BY GC/FID DIESEL RANGE ORGANICS	U	UJ	200	ug/L	REG	75	200	N/A	N/A
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1016	U	U	0.1	ug/L	REG	0.03	0.1	0.22	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1221	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1232	U	U	0.1	ug/L	REG	0.03	0.1	0.0047	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1242	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1248	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL

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Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8082A	AROCLOR 1254	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41A	7/28/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41C	7/28/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43A	7/28/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 43C	7/28/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 26AR	5/18/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB026D	7/28/2020	EPA8082A	AROCLOR 1260	U	U	0.1	ug/L	REG	0.03	0.1	0.0078	RSL
DCB 41A	7/28/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB 41C	7/28/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB 43A	7/28/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB 43C	7/28/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB 26AR	5/18/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB026D	7/28/2020	EPA8260D	1,1,1-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	200	MCL
DCB 41A	7/28/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB 41C	7/28/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB 43A	7/28/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB 43C	7/28/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB 26AR	5/18/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB026D	7/28/2020	EPA8260D	1,1,2,2-TETRACHLOROETHANE	U	U	1	ug/L	REG	0.33	1	0.076	RSL
DCB 41A	7/28/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB 41C	7/28/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB 43A	7/28/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB 43C	7/28/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB 26AR	5/18/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB026D	7/28/2020	EPA8260D	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	U	5	ug/L	REG	2.98	5	10000	RSL
DCB 41A	7/28/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB026D	7/28/2020	EPA8260D	1,1,2-TRICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB 41C	7/28/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB 43A	7/28/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB 43C	7/28/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB 26AR	5/18/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB026D	7/28/2020	EPA8260D	1,1-DICHLOROETHANE	U	U	1	ug/L	REG	0.33	1	2.8	RSL
DCB 41A	7/28/2020	EPA8260D	1,1-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	7	MCL
DCB 41C	7/28/2020	EPA8260D	1,1-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	7	MCL
DCB 43A	7/28/2020	EPA8260D	1,1-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	7	MCL
DCB 43C	7/28/2020	EPA8260D	1,1-DICHLOROETHYLENE	J	J	0.44	ug/L	REG	0.33	1	7	MCL
DCB 26AR	5/18/2020	EPA8260D	1,1-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	7	MCL
DCB026D	7/28/2020	EPA8260D	1,1-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	7	MCL
DCB 41A	7/28/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB 41C	7/28/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB 43A	7/28/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB 43C	7/28/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB 26AR	5/18/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB026D	7/28/2020	EPA8260D	1,2,3-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	7	RSL
DCB 41A	7/28/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 41C	7/28/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 43A	7/28/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB026D	7/28/2020	EPA8260D	1,2,4-TRICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 41A	7/28/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB 41C	7/28/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB 43A	7/28/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB 43C	7/28/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB026D	7/28/2020	EPA8260D	1,2-DIBROMO-3-CHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	0.2	MCL
DCB 41A	7/28/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB 41C	7/28/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB 43A	7/28/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB 43C	7/28/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB026D	7/28/2020	EPA8260D	1,2-DIBROMOETHANE	U	U	1	ug/L	REG	0.33	1	0.05	MCL
DCB 41A	7/28/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB 41C	7/28/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB 43A	7/28/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB 43C	7/28/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB026D	7/28/2020	EPA8260D	1,2-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	600	MCL
DCB 41A	7/28/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8260D	1,2-DICHLOROETHANE (EDC)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB026D	7/28/2020	EPA8260D	1,2-DICHLOROPROPANE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41C	7/28/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43A	7/28/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43C	7/28/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB026D	7/28/2020	EPA8260D	1,3-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41A	7/28/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB 41C	7/28/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB 43A	7/28/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB 43C	7/28/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB 26AR	5/18/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB026D	7/28/2020	EPA8260D	1,4-DICHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	75	MCL
DCB 41A	7/28/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB 41C	7/28/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB 43A	7/28/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB 43C	7/28/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB 26AR	5/18/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB026D	7/28/2020	EPA8260D	1,4-DIOXANE	U	U	50	ug/L	REG	16.7	50	0.46	RSL
DCB 41A	7/28/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL
DCB 43A	7/28/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL
DCB 43C	7/28/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL
DCB 26AR	5/18/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL
DCB026D	7/28/2020	EPA8260D	2-HEXANONE	U	U	5	ug/L	REG	1.67	5	38	RSL
DCB 41A	7/28/2020	EPA8260D	ACETONE	U	U	5	ug/L	REG	1.74	5	18000	RSL
DCB 41C	7/28/2020	EPA8260D	ACETONE	U	U	5	ug/L	REG	1.74	5	18000	RSL
DCB 43A	7/28/2020	EPA8260D	ACETONE	U	U	5	ug/L	REG	1.74	5	18000	RSL
DCB 43C	7/28/2020	EPA8260D	ACETONE	J	J	2.39	ug/L	REG	1.74	5	18000	RSL
DCB 26AR	5/18/2020	EPA8260D	ACETONE	U	U	5	ug/L	REG	1.74	5	18000	RSL
DCB026D	7/28/2020	EPA8260D	ACETONE	U	U	5	ug/L	REG	1.74	5	18000	RSL
DCB 41A	7/28/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB026D	7/28/2020	EPA8260D	BENZENE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB 41C	7/28/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB 43A	7/28/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB 43C	7/28/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB 26AR	5/18/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB026D	7/28/2020	EPA8260D	BROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	81	RSL
DCB 41A	7/28/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41C	7/28/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43A	7/28/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 26AR	5/18/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB026D	7/28/2020	EPA8260D	BROMODICHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41A	7/28/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41C	7/28/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43A	7/28/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43C	7/28/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 26AR	5/18/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB026D	7/28/2020	EPA8260D	BROMOFORM (TRIBROMOMETHANE)	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41A	7/28/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB 41C	7/28/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB 43A	7/28/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB 43C	7/28/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB 26AR	5/18/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB026D	7/28/2020	EPA8260D	BROMOMETHANE (METHYL BROMIDE)	U	U	1	ug/L	REG	0.34	1	7.5	RSL
DCB 41A	7/28/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB 41C	7/28/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB 43A	7/28/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB 43C	7/28/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB 26AR	5/18/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB026D	7/28/2020	EPA8260D	CARBON DISULFIDE	U	U	5	ug/L	REG	1.67	5	810	RSL
DCB 41A	7/28/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8260D	CARBON TETRACHLORIDE	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41C	7/28/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43A	7/28/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43C	7/28/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 26AR	5/18/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB026D	7/28/2020	EPA8260D	CHLOROBENZENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41A	7/28/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB 41C	7/28/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB 43A	7/28/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB 43C	7/28/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB 26AR	5/18/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB026D	7/28/2020	EPA8260D	CHLOROETHANE (ETHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	8300	RSL
DCB 41A	7/28/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB 41C	7/28/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB 43A	7/28/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB 43C	7/28/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB 26AR	5/18/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB026D	7/28/2020	EPA8260D	CHLOROETHENE (VINYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	2	MCL
DCB 41A	7/28/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41C	7/28/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43A	7/28/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43C	7/28/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 26AR	5/18/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB026D	7/28/2020	EPA8260D	CHLOROFORM	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41A	7/28/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 43A	7/28/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 43C	7/28/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 26AR	5/18/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB026D	7/28/2020	EPA8260D	CHLOROMETHANE (METHYL CHLORIDE)	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 41A	7/28/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 41C	7/28/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE			3.29	ug/L	REG	0.33	1	70	MCL
DCB 43A	7/28/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	70	MCL
DCB 43C	7/28/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE			30.5	ug/L	REG	0.33	1	70	MCL
DCB 26AR	5/18/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE			1.92	ug/L	REG	0.33	1	70	MCL
DCB026D	7/28/2020	EPA8260D	CIS-1,2-DICHLOROETHYLENE			1.24	ug/L	REG	0.33	1	70	MCL
DCB 41A	7/28/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41C	7/28/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43A	7/28/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43C	7/28/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB026D	7/28/2020	EPA8260D	CIS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41A	7/28/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB 41C	7/28/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB 43A	7/28/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB 43C	7/28/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB 26AR	5/18/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB026D	7/28/2020	EPA8260D	CUMENE (ISOPROPYLBENZENE)	U	U	1	ug/L	REG	0.33	1	450	RSL
DCB 41A	7/28/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL
DCB 41C	7/28/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL
DCB 43A	7/28/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL
DCB 26AR	5/18/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL
DCB026D	7/28/2020	EPA8260D	CYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	13000	RSL
DCB 41A	7/28/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41C	7/28/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43A	7/28/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 43C	7/28/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 26AR	5/18/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB026D	7/28/2020	EPA8260D	DIBROMOCHLOROMETHANE	U	U	1	ug/L	REG	0.33	1	80	MCL
DCB 41A	7/28/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB 41C	7/28/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB 43A	7/28/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB 43C	7/28/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB 26AR	5/18/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB026D	7/28/2020	EPA8260D	DICHLORODIFLUOROMETHANE	U	U	1	ug/L	REG	0.36	1	200	RSL
DCB 41A	7/28/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB 41C	7/28/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB 43A	7/28/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB 43C	7/28/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB 26AR	5/18/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB026D	7/28/2020	EPA8260D	DICHLOROMETHANE (METHYLENE CHLORIDE)	U	U	5	ug/L	REG	1.67	5	80	MCL
DCB 41A	7/28/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL
DCB 41C	7/28/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL
DCB 43A	7/28/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL
DCB 43C	7/28/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL
DCB 26AR	5/18/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8260D	ETHYLBENZENE	U	U	1	ug/L	REG	0.33	1	700	MCL
DCB 41A	7/28/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB 41C	7/28/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB 43A	7/28/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB 43C	7/28/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB 26AR	5/18/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB026D	7/28/2020	EPA8260D	M,P-XYLENE	U	U	2	ug/L	REG	0.67	2	190	RSL
DCB 41A	7/28/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB 41C	7/28/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB 43A	7/28/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB 43C	7/28/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB 26AR	5/18/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB026D	7/28/2020	EPA8260D	METHYL ACETATE	U	U	5	ug/L	REG	1.67	5	20000	RSL
DCB 41A	7/28/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB 41C	7/28/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB 43A	7/28/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB 43C	7/28/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB 26AR	5/18/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB026D	7/28/2020	EPA8260D	METHYL ETHYL KETONE	U	U	5	ug/L	REG	1.67	5	5600	RSL
DCB 41A	7/28/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB 41C	7/28/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB 43A	7/28/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB 43C	7/28/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB 26AR	5/18/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB026D	7/28/2020	EPA8260D	METHYL ISOBUTYL KETONE	U	U	5	ug/L	REG	1.67	5	3600	RSL
DCB 41A	7/28/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL
DCB 43A	7/28/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL
DCB 43C	7/28/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL
DCB 26AR	5/18/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL
DCB026D	7/28/2020	EPA8260D	METHYL TERTIARY BUTYL ETHER (MTBE)	U	U	1	ug/L	REG	0.33	1	14	RSL
DCB 41A	7/28/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41C	7/28/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43A	7/28/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43C	7/28/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB026D	7/28/2020	EPA8260D	METHYLCYCLOHEXANE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41A	7/28/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 41C	7/28/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 43A	7/28/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 43C	7/28/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 26AR	5/18/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB026D	7/28/2020	EPA8260D	O-XYLENE	U	U	1	ug/L	REG	0.33	1	190	RSL
DCB 41A	7/28/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41C	7/28/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43A	7/28/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43C	7/28/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 26AR	5/18/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB026D	7/28/2020	EPA8260D	STYRENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41A	7/28/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)	J	J	0.54	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)			4.24	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)	J	J	0.65	ug/L	REG	0.33	1	5	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)		J	5.2	ug/L	REG	0.33	1	5	MCL
DCB026D	7/28/2020	EPA8260D	TETRACHLOROETHYLENE (PCE)	U	U	1	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB 41C	7/28/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB 43A	7/28/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB 43C	7/28/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB 26AR	5/18/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB026D	7/28/2020	EPA8260D	TOLUENE	U	U	1	ug/L	REG	0.33	1	1000	MCL
DCB 41A	7/28/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41C	7/28/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43A	7/28/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 43C	7/28/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 26AR	5/18/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB026D	7/28/2020	EPA8260D	TRANS-1,2-DICHLOROETHYLENE	U	U	1	ug/L	REG	0.33	1	100	MCL
DCB 41A	7/28/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41C	7/28/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43A	7/28/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 43C	7/28/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB026D	7/28/2020	EPA8260D	TRANS-1,3-DICHLOROPROPENE	U	U	1	ug/L	REG	0.33	1	N/A	N/A
DCB 41A	7/28/2020	EPA8260D	TRICHLOROETHYLENE (TCE)			5.36	ug/L	REG	0.33	1	5	MCL
DCB 41C	7/28/2020	EPA8260D	TRICHLOROETHYLENE (TCE)			42.2	ug/L	REG	0.33	1	5	MCL
DCB 43A	7/28/2020	EPA8260D	TRICHLOROETHYLENE (TCE)			6.96	ug/L	REG	0.33	1	5	MCL
DCB 43C	7/28/2020	EPA8260D	TRICHLOROETHYLENE (TCE)			17.3	ug/L	REG	0.33	1	5	MCL
DCB 26AR	5/18/2020	EPA8260D	TRICHLOROETHYLENE (TCE)			48.1	ug/L	REG	0.33	1	5	MCL

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Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8260D	TRICHLOROETHYLENE (TCE)	J	J	0.77	ug/L	REG	0.33	1	5	MCL
DCB 41A	7/28/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB 41C	7/28/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB 43A	7/28/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB 43C	7/28/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB 26AR	5/18/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB026D	7/28/2020	EPA8260D	TRICHLOROFLUOROMETHANE	U	U	1	ug/L	REG	0.33	1	5200	RSL
DCB 41A	7/28/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB 41C	7/28/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB 43A	7/28/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB 43C	7/28/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB 26AR	5/18/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB026D	7/28/2020	EPA8270E	1,1'-BIPHENYL	U	U	10	ug/L	REG	3	10	0.83	RSL
DCB 41A	7/28/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB 41C	7/28/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB 43A	7/28/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB 43C	7/28/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB 26AR	5/18/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB026D	7/28/2020	EPA8270E	1,2,4,5-TETRACHLOROBENZENE	U	U	10	ug/L	REG	3	10	0.17	RSL
DCB 41A	7/28/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB 41C	7/28/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB 43A	7/28/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB 43C	7/28/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB 26AR	5/18/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB026D	7/28/2020	EPA8270E	2,3,4,6-TETRACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	240	RSL
DCB 41A	7/28/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL
DCB 43A	7/28/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL
DCB 43C	7/28/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL
DCB026D	7/28/2020	EPA8270E	2,4,5-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1200	RSL
DCB 41A	7/28/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB 41C	7/28/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB 43A	7/28/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB 43C	7/28/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB026D	7/28/2020	EPA8270E	2,4,6-TRICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.1	RSL
DCB 41A	7/28/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB 41C	7/28/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB 43A	7/28/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB 43C	7/28/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB026D	7/28/2020	EPA8270E	2,4-DICHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	4.6	RSL
DCB 41A	7/28/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB 41C	7/28/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB 43A	7/28/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB 43C	7/28/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB026D	7/28/2020	EPA8270E	2,4-DIMETHYLPHENOL	U	UJ	10	ug/L	REG	3	10	360	RSL
DCB 41A	7/28/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL
DCB 41C	7/28/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL
DCB 43A	7/28/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL
DCB026D	7/28/2020	EPA8270E	2,4-DINITROPHENOL	U	UJ	20	ug/L	REG	5	20	39	RSL
DCB 41A	7/28/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB 41C	7/28/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB 43A	7/28/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB 43C	7/28/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB 26AR	5/18/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB026D	7/28/2020	EPA8270E	2,4-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.24	RSL
DCB 41A	7/28/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB 41C	7/28/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB 43A	7/28/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB 43C	7/28/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB 26AR	5/18/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB026D	7/28/2020	EPA8270E	2,6-DINITROTOLUENE	U	U	10	ug/L	REG	3	10	0.049	RSL
DCB 41A	7/28/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB 41C	7/28/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB 43A	7/28/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB 43C	7/28/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB 26AR	5/18/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB026D	7/28/2020	EPA8270E	2-CHLORONAPHTHALENE	U	U	1	ug/L	REG	0.41	1	750	RSL
DCB 41A	7/28/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL
DCB 41C	7/28/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL
DCB 43A	7/28/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL
DCB 43C	7/28/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL
DCB 26AR	5/18/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8270E	2-CHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	91	RSL
DCB 41A	7/28/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB 41C	7/28/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB 43A	7/28/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB 43C	7/28/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB 26AR	5/18/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB026D	7/28/2020	EPA8270E	2-METHYLNAPHTHALENE	U	U	1	ug/L	REG	0.3	1	36	RSL
DCB 41A	7/28/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB 41C	7/28/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB 43A	7/28/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB 43C	7/28/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB 26AR	5/18/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB026D	7/28/2020	EPA8270E	2-NITROANILINE	U	U	10	ug/L	REG	3	10	190	RSL
DCB 41A	7/28/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	2-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB 41C	7/28/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB 43A	7/28/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB 43C	7/28/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB 26AR	5/18/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB026D	7/28/2020	EPA8270E	3,3-DICHLOROBENZIDINE	U	U	10	ug/L	REG	3	10	0.13	RSL
DCB 41A	7/28/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	4-BROMOPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB 41C	7/28/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB 43A	7/28/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB 43C	7/28/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB 26AR	5/18/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB026D	7/28/2020	EPA8270E	4-CHLOROANILINE	U	U	10	ug/L	REG	3.3	10	0.37	RSL
DCB 41A	7/28/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	4-CHLOROPHENYL PHENYL ETHER	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	4-NITROPHENOL	U	UJ	10	ug/L	REG	3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL
DCB 41C	7/28/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL
DCB 43A	7/28/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL
DCB 26AR	5/18/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL
DCB026D	7/28/2020	EPA8270E	ACENAPHTHENE	U	U	1	ug/L	REG	0.3	1	530	RSL
DCB 41A	7/28/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB026D	7/28/2020	EPA8270E	ACENAPHTHYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB 41C	7/28/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB 43A	7/28/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB 43C	7/28/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB 26AR	5/18/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB026D	7/28/2020	EPA8270E	ACETOPHENONE	U	U	10	ug/L	REG	3	10	1900	RSL
DCB 41A	7/28/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB 41C	7/28/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB 43A	7/28/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB 43C	7/28/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB 26AR	5/18/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB026D	7/28/2020	EPA8270E	ANTHRACENE	U	U	1	ug/L	REG	0.3	1	1800	RSL
DCB 41A	7/28/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL
DCB 41C	7/28/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL
DCB 43A	7/28/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL
DCB 43C	7/28/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL
DCB 26AR	5/18/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8270E	ATRAZINE	U	U	10	ug/L	REG	3	10	3	MCL
DCB 41A	7/28/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB 41C	7/28/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB 43A	7/28/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB 43C	7/28/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB 26AR	5/18/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB026D	7/28/2020	EPA8270E	BENZALDEHYDE	U	U	10	ug/L	REG	3	10	19	RSL
DCB 41A	7/28/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB026D	7/28/2020	EPA8270E	BENZO(G,H,I)PERYLENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB 41C	7/28/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB 43A	7/28/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB 43C	7/28/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB 26AR	5/18/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB026D	7/28/2020	EPA8270E	BENZO[A]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.03	RSL
DCB 41A	7/28/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB 41C	7/28/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB 43A	7/28/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB 43C	7/28/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB 26AR	5/18/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB026D	7/28/2020	EPA8270E	BENZO[A]PYRENE	U	U	1	ug/L	REG	0.3	1	0.2	RSL
DCB 41A	7/28/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 43A	7/28/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 43C	7/28/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 26AR	5/18/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB026D	7/28/2020	EPA8270E	BENZO[B]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 41A	7/28/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB 41C	7/28/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB 43A	7/28/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB 43C	7/28/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB 26AR	5/18/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB026D	7/28/2020	EPA8270E	BENZO[K]FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	2.5	RSL
DCB 41A	7/28/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB 41C	7/28/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB 43A	7/28/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB 43C	7/28/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB 26AR	5/18/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB026D	7/28/2020	EPA8270E	BIS(2-CHLORO-1-METHYLETHYL)ETHER	U	U	10	ug/L	REG	3	10	710	RSL
DCB 41A	7/28/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB 41C	7/28/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB 43A	7/28/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB 43C	7/28/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB 26AR	5/18/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB026D	7/28/2020	EPA8270E	BIS(2-CHLOROETHOXY)METHANE	U	U	10	ug/L	REG	3	10	59	RSL
DCB 41A	7/28/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL
DCB 41C	7/28/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL
DCB 43A	7/28/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL
DCB 26AR	5/18/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL
DCB026D	7/28/2020	EPA8270E	BIS(2-CHLOROETHYL)ETHER	U	U	10	ug/L	REG	3	10	0.014	RSL
DCB 41A	7/28/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 41C	7/28/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 43A	7/28/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 43C	7/28/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 26AR	5/18/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB026D	7/28/2020	EPA8270E	BIS(2-ETHYLHEXYL)PHTHALATE (DEHP)	U	U	1	ug/L	REG	0.3	1	6	RSL
DCB 41A	7/28/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB 41C	7/28/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB 43A	7/28/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB 43C	7/28/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB 26AR	5/18/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB026D	7/28/2020	EPA8270E	BUTYL BENZYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	16	RSL
DCB 41A	7/28/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB 41C	7/28/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB 43A	7/28/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB 43C	7/28/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB 26AR	5/18/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB026D	7/28/2020	EPA8270E	CAPROLACTAM	U	U	10	ug/L	REG	3	10	9900	RSL
DCB 41A	7/28/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8270E	CARBAZOLE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB 41C	7/28/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB 43A	7/28/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB 43C	7/28/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB 26AR	5/18/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB026D	7/28/2020	EPA8270E	CHRYSENE	U	U	1	ug/L	REG	0.3	1	25	RSL
DCB 41A	7/28/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB 41C	7/28/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB 43A	7/28/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB 43C	7/28/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB 26AR	5/18/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB026D	7/28/2020	EPA8270E	DIBENZ[AH]ANTHRACENE	U	U	1	ug/L	REG	0.3	1	0.025	RSL
DCB 41A	7/28/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB 41C	7/28/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB 43A	7/28/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB 43C	7/28/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB 26AR	5/18/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB026D	7/28/2020	EPA8270E	DIBENZOFURAN	U	U	10	ug/L	REG	3	10	7.9	RSL
DCB 41A	7/28/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB 41C	7/28/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB 43A	7/28/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB 43C	7/28/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB 26AR	5/18/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB026D	7/28/2020	EPA8270E	DIETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	15000	RSL
DCB 41A	7/28/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	DIMETHYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	DI-N-BUTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	900	RSL
DCB 41C	7/28/2020	EPA8270E	DI-N-BUTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	900	RSL
DCB 43A	7/28/2020	EPA8270E	DI-N-BUTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	900	RSL
DCB 43C	7/28/2020	EPA8270E	DI-N-BUTYL PHTHALATE	J	J	0.47	ug/L	REG	0.3	10	900	RSL
DCB 26AR	5/18/2020	EPA8270E	DI-N-BUTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	900	RSL
DCB026D	7/28/2020	EPA8270E	DI-N-BUTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	900	RSL
DCB 41A	7/28/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB 41C	7/28/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB 43A	7/28/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB 43C	7/28/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB 26AR	5/18/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB026D	7/28/2020	EPA8270E	DINITRO-O-CRESOL	U	UJ	10	ug/L	REG	3	10	1.5	RSL
DCB 41A	7/28/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB 41C	7/28/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB 43A	7/28/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB 43C	7/28/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB 26AR	5/18/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB026D	7/28/2020	EPA8270E	FLUORANTHENE	U	U	1	ug/L	REG	0.3	1	800	RSL
DCB 41A	7/28/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL
DCB 41C	7/28/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL
DCB 43A	7/28/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL
DCB 26AR	5/18/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL
DCB026D	7/28/2020	EPA8270E	FLUORENE	U	U	1	ug/L	REG	0.3	1	290	RSL
DCB 41A	7/28/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB 41C	7/28/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB 43A	7/28/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB 43C	7/28/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB 26AR	5/18/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB026D	7/28/2020	EPA8270E	HEXACHLOROBENZENE	U	U	10	ug/L	REG	3	10	1	MCL
DCB 41A	7/28/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 41C	7/28/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 43A	7/28/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 43C	7/28/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 26AR	5/18/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB026D	7/28/2020	EPA8270E	HEXACHLOROBUTADIENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 41A	7/28/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB 41C	7/28/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB 43A	7/28/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB 43C	7/28/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB 26AR	5/18/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB026D	7/28/2020	EPA8270E	HEXACHLOROCYCLOPENTADIENE	U	U	10	ug/L	REG	3	10	50	MCL
DCB 41A	7/28/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL
DCB 41C	7/28/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL
DCB 43A	7/28/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL
DCB 43C	7/28/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL
DCB 26AR	5/18/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8270E	HEXACHLOROETHANE	U	U	10	ug/L	REG	3	10	0.33	RSL
DCB 41A	7/28/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 41C	7/28/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 43A	7/28/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 43C	7/28/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 26AR	5/18/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB026D	7/28/2020	EPA8270E	INDENO[1,2,3-CD]PYRENE	U	U	1	ug/L	REG	0.3	1	0.25	RSL
DCB 41A	7/28/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB 41C	7/28/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB 43A	7/28/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB 43C	7/28/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB 26AR	5/18/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB026D	7/28/2020	EPA8270E	ISOPHORONE	U	U	10	ug/L	REG	3.5	10	78	RSL
DCB 41A	7/28/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB 41C	7/28/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB 43A	7/28/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB 43C	7/28/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB 26AR	5/18/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB026D	7/28/2020	EPA8270E	M/P-CRESOL	U	UJ	10	ug/L	REG	3.7	10	1300	RSL
DCB 41A	7/28/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB026D	7/28/2020	EPA8270E	M-NITROANILINE	U	U	10	ug/L	REG	3	10	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41C	7/28/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL
DCB 43A	7/28/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL
DCB 43C	7/28/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL
DCB 26AR	5/18/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL
DCB026D	7/28/2020	EPA8270E	NAPHTHALENE	U	U	1	ug/L	REG	0.3	1	0.12	RSL
DCB 41A	7/28/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB 41C	7/28/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB 43A	7/28/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB 43C	7/28/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB 26AR	5/18/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB026D	7/28/2020	EPA8270E	N-DIOCTYL PHTHALATE	U	U	10	ug/L	REG	0.3	10	200	RSL
DCB 41A	7/28/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 41C	7/28/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 43A	7/28/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 43C	7/28/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 26AR	5/18/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB026D	7/28/2020	EPA8270E	NITROBENZENE	U	U	10	ug/L	REG	3	10	0.14	RSL
DCB 41A	7/28/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB 41C	7/28/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB 43A	7/28/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB 43C	7/28/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB 26AR	5/18/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB026D	7/28/2020	EPA8270E	N-NITROSODIPHENYLAMINE+DIPHENYLAMINE	U	U	10	ug/L	REG	3	10	1312	RSL
DCB 41A	7/28/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL
DCB 41C	7/28/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL
DCB 43A	7/28/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 43C	7/28/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL
DCB 26AR	5/18/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL
DCB026D	7/28/2020	EPA8270E	N-NITROSODIPROPYLAMINE	U	U	10	ug/L	REG	3	10	0.011	RSL
DCB 41A	7/28/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 41C	7/28/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 43A	7/28/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 43C	7/28/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 26AR	5/18/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB026D	7/28/2020	EPA8270E	O-CRESOL (2-METHYLPHENOL)	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 41A	7/28/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 41C	7/28/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 43A	7/28/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 43C	7/28/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 26AR	5/18/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB026D	7/28/2020	EPA8270E	P-CHLORO-M-CRESOL	U	UJ	10	ug/L	REG	3	10	930	RSL
DCB 41A	7/28/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB 41C	7/28/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB 43A	7/28/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB 43C	7/28/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB 26AR	5/18/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB026D	7/28/2020	EPA8270E	PENTACHLOROPHENOL	U	UJ	10	ug/L	REG	3	10	1	MCL
DCB 41A	7/28/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41C	7/28/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43A	7/28/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 43C	7/28/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 26AR	5/18/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB026D	7/28/2020	EPA8270E	PHENANTHRENE	U	U	1	ug/L	REG	0.3	1	N/A	N/A
DCB 41A	7/28/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB 41C	7/28/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB 43A	7/28/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB 43C	7/28/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB 26AR	5/18/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB026D	7/28/2020	EPA8270E	PHENOL	U	UJ	10	ug/L	REG	3	10	5800	RSL
DCB 41A	7/28/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB 41C	7/28/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB 43A	7/28/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB 43C	7/28/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB 26AR	5/18/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB026D	7/28/2020	EPA8270E	P-NITROANILINE	U	U	10	ug/L	REG	3	10	3.8	RSL
DCB 41A	7/28/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB 41C	7/28/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB 43A	7/28/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB 43C	7/28/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB 26AR	5/18/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB026D	7/28/2020	EPA8270E	PYRENE	U	U	1	ug/L	REG	0.3	1	120	RSL
DCB 41A	7/28/2020	EPA9056A	SULFATE			4.18	mg/L	REG	0.13	0.4	250	NSDWS
DCB 41A	7/28/2020	EPA9056A	SULFATE			4.21	mg/L	LD	0.13	0.4	250	NSDWS
DCB 41C	7/28/2020	EPA9056A	SULFATE			8.56	mg/L	REG	0.13	0.4	250	NSDWS
DCB 43A	7/28/2020	EPA9056A	SULFATE			11.4	mg/L	REG	0.13	0.4	250	NSDWS
DCB 43C	7/28/2020	EPA9056A	SULFATE			10.8	mg/L	REG	0.13	0.4	250	NSDWS
DCB 26AR	5/18/2020	EPA9056A	SULFATE			52.7	mg/L	REG	0.67	2	250	NSDWS
DCB026D	7/28/2020	EPA9056A	SULFATE			7.38	mg/L	REG	0.13	0.4	250	NSDWS

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

Table C-6. 2020 Full-Suite Analysis Data Around the 484-D Powerhouse (*continued; end*)

STATION ID	COLLECTION DATE	METHOD CODE	ANALYTE NAME	LAB QUAL	REVIEW QUAL	RESULT	RESULT UNITS	ANALYSIS CODE	DL	EQL	Limit	Limit Type
DCB 41A	7/28/2020	RADA-002	TRITIUM			143	pCi/mL	REG	0.74	7.64	20	MCL
DCB 41A	7/28/2020	RADA-002	TRITIUM			139	pCi/mL	LD	0.76	7.64	20	MCL
DCB 41C	7/28/2020	RADA-002	TRITIUM			9.19	pCi/mL	REG	0.74	2.66	20	MCL
DCB 43A	7/28/2020	RADA-002	TRITIUM	U	U	0.633	pCi/mL	REG	0.75	1.68	20	MCL
DCB 43C	7/28/2020	RADA-002	TRITIUM			2.84	pCi/mL	REG	1.07	2.71	20	MCL
DCB 26AR	5/18/2020	RADA-002	TRITIUM		J	174	pCi/mL	REG	0.75	8.15	20	MCL
DCB026D	7/28/2020	RADA-002	TRITIUM	U	U	0.276	pCi/mL	REG	0.77	1.67	20	MCL

Qual = Qualifier; SD = Serial Duplicate; DL = Detection Limit; EQL = Sample Quantitation Limit; U = non-detect; J = estimated value; RSL = Regional Screening Level; NSDWS = National Secondary Drinking Water Standards; MCL = Maximum Contaminant Level; N/A = Not Available; Green shaded rows exceed limit

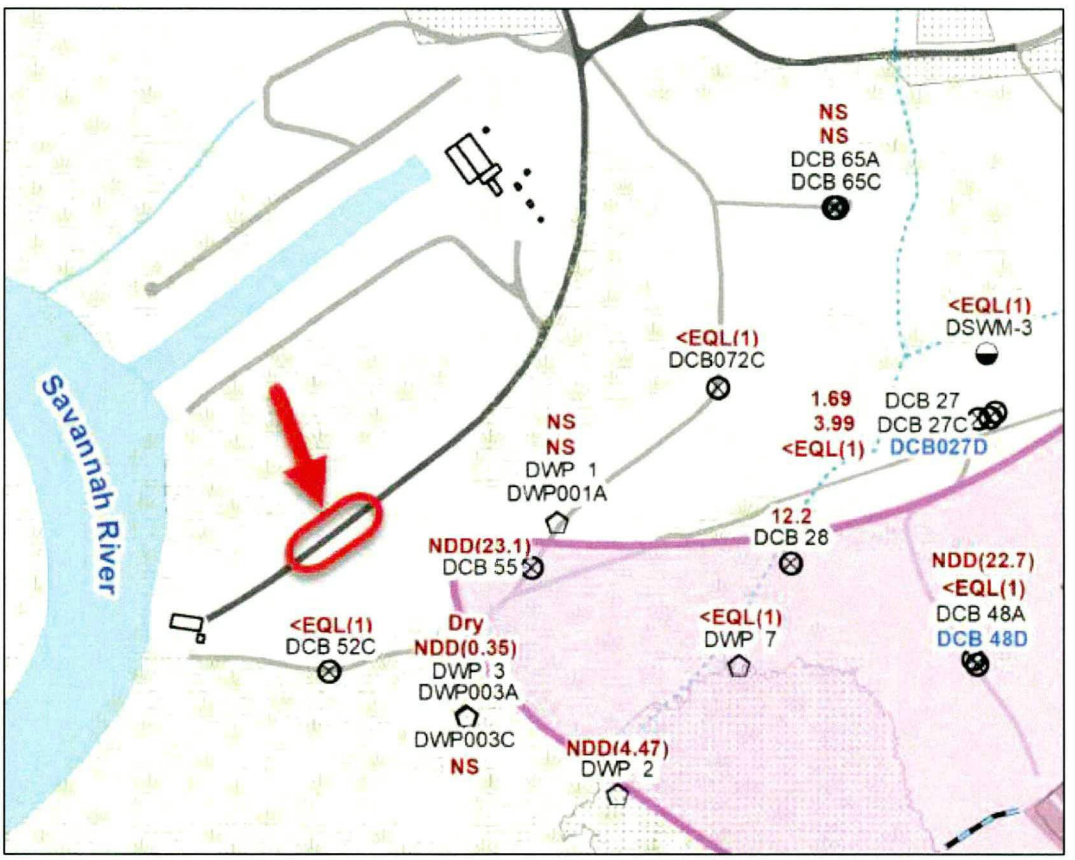
Contact for all Responses to Comments: Ashley Shull (ashley.shull@srs.gov) (803-952-7090)

EPA GENERAL COMMENTS:

1. Sulfate, tritium, trichloroethylene (TCE), beryllium, cobalt, and iron were detected in Upper Three Runs Aquifer (UTRA) monitoring well DCB 55 above applicable Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs) or National Secondary Drinking Water Standards (NSDWS); however, there are no wells located to the west-northwest of DCB 55 to bound the downgradient extent of contamination. Please consider installing a monitoring well to the west-northwest of DCB 55 to bound the extent of contamination in this area and to ensure TCE and metals impacted groundwater is not migrating towards the Savannah River.

   Response: Agree

   SRS proposes to install a monitoring well during fiscal year 2023 along the road to the west-northwest of well DCB 55 as shown in the following figure.



2. Aluminum was detected in monitoring wells DSWM-7, DSWM-8, DSWM-8A, DSWM-9 and DCB085A above the NSDWS, which are all clustered in the southeast area of the site; however, there are no monitoring wells to the southwest, south and southeast to bound aluminum-impacted

groundwater. Please consider installing additional monitoring wells to bound aluminum impacts in groundwater in this portion of the site.

Response: Disagree

Subsequent sampling in 2Q2021 displayed aluminum concentrations at well DCB085A at an estimated ("J") value of 101 µg/L below the 200 µg/L secondary drinking water standard. Deeper wells DCB085C and DCB085D also remained below the secondary drinking water standard. Since there is no exceedance of the MCL, monitoring more distally is not necessary at this time.
Metal concentrations will continue to be monitored annually.

EPA SPECIFIC COMMENTS:

1. **Section 1.2, Unit History/Description, Page 2 of 26:** The text in the first paragraph states that 431-D D-Area Rubble Pit (DRP) surface unit received waste from operation of the coal-fired 484-D Powerhouse; however, the 431-D DRP unit is not previously discussed in the text. Please revise the text to provide a discussion of the 431-D DRP surface unit in the prior bulleted section.

   Response: Clarification

   The unit number was mistakenly listed as 431-D DRP, but the text should list 431-2D DRP. 431-2D DRP is included in the bulleted list above. This error will be corrected in future Groundwater Monitoring Reports and letters, as applicable. No changes are proposed for the 2020 Groundwater Monitoring Report.

2. **Section 1.2, Unit History/Description, Page 3 of 26:** The dates of operation and frequency of use are not included in the Fire Fighting Training Area (FFTA) discussion presented in the second paragraph. This information is important in estimating the potential quantity of Aqueous Film Forming Foam (AFFF) that has been released into the environment. Please revise the text to indicate the dates and frequency of AFFF use at the FFTA.

   Response: Clarification

   The exact dates of use and the frequency of the use of AFFF could not be obtained at this time. Based on the review of aerial imagery, it appears the FFTA was utilized starting in the late 1980s after the first two rows of bubble towers were dismantled. The area was available for use throughout the 1990s and mid-2000s although the frequency of use is not known. General information will be included in future Groundwater Monitoring Reports and letters. No changes are proposed for the 2020 Groundwater Monitoring Report.

3. **Section 1.2, Unit History/Description, Page 3 of 26:** The FFTA discussion in the second paragraph states that this is a source of PFAS in groundwater; however, the text does not mention if the FFTA was investigated for other fuel-related contamination. Please revise the text to include a discussion if the FFTA was investigated for other fuel-related contamination.

   Response: Clarification

   The DAOU First Early Action investigation during 2006/2007 included sampling of soils for fuel-related contaminants at depth intervals of 0-2 ft, 3-5 ft, and 8-10 ft below ground surface as well

as soil gas surveys throughout the bubble tower area and more densely within the FFTA. It was determined that the FFTF posed no threat to future industrial workers or ecological receptors, there was no contaminant migration threat, and no constituents constituted PTSM.

Additionally, a geoprobe sampling of soil and groundwater was conducted next to the fire pits in 2002. Sample depths ranged from 3 ft to 18 ft below ground surface. No fuel-related compounds were detected in soil or groundwater.

Groundwater samples collected from monitoring well DRW 1 included BTEX analyses in 2001 and no BTEX compounds were detected.

General information on this will be included in future Groundwater Monitoring Reports and letters. No changes are proposed for the 2020 Groundwater Monitoring Report.

4. **Section 1.2, Unit History/Description, Page 3 of 26:** The text in the third paragraph states 25 gallons of product was removed from beneath the tank in 1983; however, there is no discussion of soil or groundwater sampling. Please revise the text to provide a discussion if soil and groundwater samples were collected after the product was removed.

   Response: Agree/Clarification

   Soil and groundwater were sampled for BTEX constituents under the SCDHEC Underground Storage Tank (UST) Program. A small groundwater plume including BTEX products was previously identified in the vicinity of 715-D and 717-D. Monitoring results indicated concentrations were below Site-Specific Target Levels (SSTL). With source removal and declining groundwater concentrations, the UST release (Permit #18936) was closed through the SCDHEC UST program in November 2012. General information stating the UST was closed under the SCDHEC UST Program will be included in future groundwater monitoring reports. No changes to the 2020 Groundwater Monitoring Report are proposed.

5. **Section 2.0, Monitoring Network, Page 7 of 26:** The text in the third paragraph states groundwater sample analysis includes tritium, volatile organic compounds (VOCs), uranium, sulfate, target analyte list (TAL) metals, hexavalent chromium and per- and polyfluoroalkyl Substances (PFAS) and field parameters; however, Table B-1 (Groundwater Samples Analyte List and Sample Frequency) also lists ethene, and redox/dissolved oxygen as analytes. Please revise this section to include ethene and redox/dissolved oxygen and other field parameters in the text.

   Response: Agree

   Ethene, redox/dissolved oxygen and the field parameters will be included in the text description of groundwater analyses in future groundwater monitoring reports and letters. No changes to the 2020 Groundwater Monitoring Report are proposed.

6. **Section 3.0, Monitoring Results, Page 8 of 26:** The seventh bullet states TCE in downgradient wells will be compared to 425 microgram per liter (µg/L), and source area well DRW 1 will be compared to 187.5 µg/L threshold limits, which appears counter-intuitive. For example, it appears downgradient TCE action levels should be more conservative due to potential offsite migration of TCE to sensitive receptors. Please revise the text to include a brief discussion explaining the development of the current well specific threshold limits for source and downgradient wells.

Response: Agree/Clarification

The threshold limits were presented in the *Monitoring Workplan for the D-Area Operable Unit (U)* (WSRC-RP-2003-4150, Rev 1, June 2004). On page 15 of the 2004 Monitoring Workplan it states that the TCE sources are assumed to be depleted in the vadose zone. Any significant increase (greater than 50%) in historical maximum concentrations for each source well (prior to October 2003) would be an indicator of additional loading from the vadose zone. Discharge well locations will be monitored to assure that the current (2003) maximum plume concentration (around 425 ppb for TCE) are not exceeded in any monitoring well location relatively close to discharge locations, including downgradient wells DCB 52C, DCB 55, DWP 1, DWP 2, and DWP 3. Table 5 of the Monitoring Workplan also includes the values and calculation of the threshold limits. DRW 1 is side gradient of the main source area for the majority of the VOC contamination that originated from the 717-D facility and is the reason a lower threshold limit of 187.5 ppb is used.

More detailed information on how the threshold limits were determined will be included in the bulleted list of the threshold limits in future groundwater monitoring reports and letters. No changes to the 2020 Groundwater Monitoring Report are proposed.

7. **Section 3.1, Metals (Low pH Coal Leachate) Plume, Page 10 of 26:** The fourth sentence states the maximum sulfate concentration detection in the second quarter of 2020 was 1,920 milligram per liter (mg/L), collected at location DCB 22A; however, according to Table C-3, the maximum sulfate concentration was detected in the second quarter of 2020 was 1,250 mg/L, collected from DCB 70B. Please revise this sentence accordingly.

   Response: Agree

   The maximum concentration was incorrectly listed as 1,920 mg/L for 2Q2020. It was 1,250 mg/L at DCB 70B, as identified in Table C-3. No changes to the 2020 Groundwater Monitoring Report are proposed.

8. **Section 3.1, Metals (Low pH Coal Leachate) Plume, Page 10 of 26:** The text in the second paragraph states the lowest pH measured during the second and fourth quarters of 2019 was at 2.8 and 2.9 respectively, at locations DCB 22A and DCB 21A, respectively; however, according to Table C-1 and C-2, a pH of 2.8 was measured at surface water location DSWM-4A during the second quarter of 2019 and a pH of 2.9 was measured at surface water location DSW-4 during the fourth quarter of 2019. Please revise the text accordingly to recognize these low pH values were measured in surface water.

   Response: Agree

   The text on page 10 was presenting monitoring well results. Text on page 12 included a discussion of surface water analytical sample results. A description of pH measurements at surface water locations will be included in future groundwater monitoring reports and letters. No changes to the 2020 Groundwater Monitoring Report are proposed.

9. **Section 3.1, Metals (Low pH Coal Leachate) Plume, Page 10 of 26:** The text in the fourth paragraph states aluminum concentrations were detected downgradient of the 489-D Coal Pile

Runoff Basin (CPRB); however, there is no discussion of the aluminum result in surface water location DSWM-10 (800 µg/L), which is located over 1,000 feet south of the aluminum plume. Please revise this section to discuss this result in the text and what may have caused this elevated result.

Response: Agree/Clarification

Groundwater containing elevated levels of aluminum downgradient of the 489-D CPRB and DCSA discharges into the D-Area Effluent Discharge Canal which flows south to Beaver Dam Creek and surface water station DSWM-10. Concentrations at DSWM-10 are less than upgradient surface water stations as groundwater enters the stream system. For example, upgradient surface water location DSWM-4A has an aluminum concentration of 5,690 µg/L. Additional discussion on surface water results and contaminant observations will be included in future groundwater monitoring reports and letters. No changes to the 2020 Groundwater Monitoring Report are proposed.

10. **Section 4.1.1, Water Elevation Measurements, Page 16 of 26:** In the first paragraph, the first sentence states that 82 water levels were attempted at 82 wells during 2019 and 101 wells during 101; however there is no discussion of how many attempted wells were not gauged and why. Please provide a discussion of how many wells were not gauged and the reason why not.

    Response: Agree/Clarification

    All monitoring wells were visited and recorded water levels for 2020. Future Groundwater Monitoring Reports and letters will include more definitive statements about the wells visited, and whether any were not visited, for water elevations. No changes to the 2020 Groundwater Monitoring Report are proposed.

11. **Section 4.1.2, Horizontal Gradient Flow Rate and Direction, Page 17 of 26:** The text in the first paragraph states the flow rate for the UTRA and Gordon Aquifer (GA) were calculated to be 85.7 and 42.1 feet/year (ft/yr), respectively; however, using the hydraulic conductivity, porosity and hydraulic gradient values provide in the text, a flow rate of 79 ft/yr and 35 ft/yr was calculated for the UTRA and GA units, respectively. Please check the calculation and revise the flow rates as appropriate.

    Response: Agree.

    The hydraulic flow rates were miscalculated for both values. The hydraulic flow rate for the UTRA is calculated to be 79.6 ft/yr while the flow rate for the GA is 34.0 ft/yr. Those values will be checked prior to submittal of the next groundwater report. No changes to the 2020 Groundwater Monitoring Report are proposed.

12. **Section 4.2, Contaminant Migration, Page 18 of 26:** The text in the second paragraph states current monitoring results for metals show a slight decrease in immobile metal concentrations; however this is not the case for beryllium in well DCB 21C. According to Figure D-34 (Time Series Plots of Threshold Limit Exceedances for 2019 and/or 2020 at DCB 21B and DCB 21C), beryllium has increased from a concentration of less than 10 µg/L in 2014 to over 90 µg/L in 2020. Please

revise the text to discuss this increasing trend for beryllium in DCB 21C and provide recommendations to address this increasing trend.

Response: Clarification

The statement was more broadly targeted for all metals within the sampled area. It is correct that there has been an increase in the reported concentration of beryllium since 2014. This increase has not been specifically researched to determine why there has been a change in solubility of beryllium in the subsurface at this specific location. Preliminary analysis shows very low pH values in the area of the well cluster. Interpretation of the monitoring results in this area will include more in-depth analysis of the possible reasons why beryllium is increasing in this well and those results and analysis will be addressed in the next groundwater report. Additionally, it is yet unknown if the groundwater injection that is part of the treatability study will have an impact on the beryllium trend at DCB 21C and other wells/metals. No changes to the 2020 Groundwater Monitoring Report are proposed.

13. **Table A-1, Well Construction Summary, Pages A-3 to A-6:** It is unclear what the "Base of Well" depth is referring to in the Table A-1. Please provide an explanation/definition at the end of the table for "Base of Well" and why it is relevant.

    Response: Clarification

    Base of Well is the term SRS uses for the lowest point of the well construction and is the same as total depth. In most cases, the Base of Well is one to three feet below the Bottom of Screen to act as a settling area or sump for unintended silts, sands and clays that enter the well borehole. This allows for more success in drawing clean samples from the screened zone of the well over time. This term will be described in the next groundwater report that lists well construction details. No changes to the 2020 Groundwater Monitoring Report are proposed.

14. **Table B-2, Surface Water Samples Analyte List and Sample Frequency, Page B-6 of B-8:** Several abbreviations/acronyms including but not limited to TCE and TAL are not defined at the bottom of the table. Please provide a definition for these acronyms at the bottom of the table.

    Response: Clarification

    TAL metals, or target analyte list metals, and TCE, or trichloroethylene, are defined within the list of acronyms and abbreviations at the beginning of the report and in the text of the report, but not on this table. Those acronyms and other applicable abbreviations will be added to the bottom of the table in the next groundwater report. No changes to the 2020 Groundwater Monitoring Report are proposed.

15. **Table B-3, Additional Sampling Locations During 2020, Page B-7 of B-8:** Several abbreviations/acronyms are not are not defined at the bottom of the table. Please provide a definition for these acronyms at the bottom of the table.

    Response: Clarification

These abbreviations and acronyms are at the beginning of the report in the List of Acronyms and Abbreviations. However, the next report will include the appropriate definitions for tables at the bottom of the tables.

16. **Table C-1, 2Q2019 D-Area Compliance Monitoring; Table C-2, 4Q2019 D-Area Compliance Monitoring; Table C-3, 2Q2020 D-Area Compliance Monitoring; and, Table C-4, 4Q2020 D-Area Compliance Monitoring:** The acronyms are not defined at the bottom of each table. Please define the acronyms at the bottom of the tables.

    Response: Clarification

    These abbreviations and acronyms are at the beginning of the report in the List of Acronyms and Abbreviations. However, the next report will add the appropriate definitions for these at the bottom of the table in the next groundwater report.

17. **Table C-5, 2020 D-Area PFAS Sampling Results, Page C-11 of C-54:** The PFAS compounds are not defined at the bottom of the table and no applicable regulatory standards are provided. Please revise the table to define all PFAS compounds at the bottom of the table and include regulatory standards.

    Response: Clarification

    SRS chose to provide the data as presented without identifying every compound name and individual regulatory standard of those that had one. The compounds will be listed out with their associated acronym in the next groundwater report and an appropriate standard, if applicable, will be provided. Below is a list of the PFAS constituents listed in the 2020 Groundwater Monitoring Report with their acronym and regulatory limit if applicable.

    n-ethylperfluoro-1-octanesulfonamidoacetic acid (NEtFOSAA)
    n-methylperfluoro-1-octanesulfonamidoacetic acid (NMeFOSAA)
    perfluorobutanesulfonic acid (PFBS) – RSL 401,000 ng/L
    perfluorodecanoic acid (PFDA)
    perfluorododecanoic acid (PFDoA)
    perfluoroheptanoic acid (PFHpA)
    perfluorohexanesulfonic acid (PFHxS)
    perfluorohexanoic acid (PFHxA)
    perfluorononanoic acid (PFNA)
    perfluorooctanoic acid (PFOA) – RSL 401 ng/L – Health Advisory Limit of 70 ng/L
    perfluorooctane sulfonate (PFOS) – RSL 401 ng/L – Health Advisory Limit of 70 ng/L
    perfluorotetradecanoic acid (PFTA)
    perfluorotridecanoic acid (PFTrDA)
    perfluoroundecanoic acid (PFUnA)

18. **Table C-6, 2020 Full-Suite Data Around the 484-D Powerhouse, Pages C-13 through C-49 of C-54:** No regulatory standards are provided in the table. Please include applicable regulatory standards in the table.

Response: Agree

An additional column will be added on the table to include the applicable regulatory standards. An updated table C-6 is included with these comment responses. No changes to the 2020 Groundwater Monitoring Report are proposed.