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To:
Ronda L. Blayer, Michigan Department of Environment, Great Lakes, and Energy (EGLE)

CC:
Sathya Yalvigi (Chemours)
D. Bridgford (EGLE)
Shaun Shields (EGLE)

Project name:
GW Monitoring (2022)

Project ref:
60673839

From:
George Gregory, AECOM

Date:
December 7, 2022

Memo

Subject: Second Half 2022 Groundwater Monitoring Data, Chemours Montague Works, Montague, Michigan

On behalf of The Chemours Company, AECOM is submitting the results from the second half 2022 groundwater sampling event at the Chemours Montague site in Montague, Michigan. The event was conducted from September 19-21, 2022. Wells that are part of the existing sampling program are listed on Table 1 for reference.

During this sampling event, semiannual wells and biennial wells were sampled. Field parameters were collected during sampling purging and the final stable parameters at the time of sampling are listed in Table 2. The analytical data reports from the laboratory are included as Attachment 1 and are summarized in Table 3. Results exceeding Michigan Part 201/213 generic screening levels are shaded yellow. The identification of mixing zone compliance wells is shown on Table 3 in italics. These compliance wells were installed in 2009 to monitor groundwater quality at the edges of the site plume.

Table 4 summarizes the review of the site's current and historical compliance with the White Lake mixing zone criteria. As has been done previously, the highest concentration result from a well in the mixing zone is compared second to the acute groundwater surface-water interface (GSI) criteria. After comparing to acute criteria, the highest result from the mixing zone is compared to chronic GSI criteria. If the maximum concentration of a constituent exceeds the chronic criteria, then a mass flux evaluation is triggered using Chronic Mass Loading Criteria (posted on the last page of Table 4).

Based on the second half 2022 data set, the site is in compliance with both acute and chronic mixing zone-based GSI criteria for 1,1,2-trichlorotrifluoroethane (CFC-113), carbon tetrachloride, and tetrachloroethene that were established in the *Mixing Zone Compliance Monitoring and Contingency Plan*[1]. Because the maximum concentration values were in compliance, the mass flux evaluation was not triggered. A review of other results from wells not part of the mixing zone analysis did not identify any major changes in the plume status.

If you have any questions or comments, please contact me (George.Gregory@AECOM.com) at 832-422-4423 or Sathya Yalvigi (Sathya.V.Yalvigi@chemours.com) at 302-773-4291.

Sincerely,

George E. Gregory III
Senior Geologist/Project Manager
AECOM

Attachments

[1] *Mixing Zone Compliance Monitoring and Contingency Plan*. DuPont CRG. September 11, 2007.

Tables

Table 1
Compliance Monitoring Program
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

Well ID	Sampling Frequency	General Location
MW-LSD-001-080	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-LSD-001-130	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-LSD-002-080	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-LSD-002-127	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-LSD-003-080	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-LSD-003-124	Semi-Annual	Lake Shore Dr (Mixing zone compliance)
MW-WLP-002-085	Semi-Annual	White Lake Property (Mixing zone compliance)
MW-WLP-002-145	Semi-Annual	White Lake Property (Mixing zone compliance)
MW-WLP-003-080	Semi-Annual	White Lake Property (Mixing zone compliance)
MW-WLP-003-120	Semi-Annual	White Lake Property (Mixing zone compliance)
MW-WLP-004-070	Semi-Annual	White Lake Property
MW-WLP-004-105	Semi-Annual	White Lake Property
MW-WLP-005-100	Semi-Annual	White Lake Purge Performance Well (at White Point)
MW-WLP-001-125	Semi-Annual	Within plume (near IW-07-144)
MW-208-020	Semi-Annual	Pierson Creek
MW-250-054	Semi-Annual	Pierson Creek
PCL-006-077	Semi-Annual	Pierson Creek
PCL-007-070	Semi-Annual	West of Pierson Creek
PCL-007-094	Semi-Annual	West of Pierson Creek
PCL-007-112	Semi-Annual	West of Pierson Creek
IW-06-140	Annual	Plume center
IW-07-144	Annual	Within plume (White Lake Point area)
IW-08-142	Annual	Plume center
IW-09-140	Annual	Plume center
MW-214-060	Annual	West of CaF2 Basin
MW-224-060	Annual	Northeast Landfill
MW-251-072	Annual	Northeast Landfill
MW-220-060	Annual	William Rd
MW-595-125	Annual	William Rd
MW-OCT-001-130	Annual	William Rd
MW-201-125	Biennial (even numbered years)	Within plume (corner of Lamos and Lake Shore Dr)
MW-206-040	Biennial (even numbered years)	West Railcar Unloading
MW-206-080	Biennial (even numbered years)	West Railcar Unloading
MW-210-080	Biennial (even numbered years)	Within plume (near site)
MW-210-120	Biennial (even numbered years)	Within plume (near site)
MW-211-060	Biennial (even numbered years)	West Railcar Unloading
MW-211-080	Biennial (even numbered years)	West Railcar Unloading
MW-212-120	Biennial (even numbered years)	West of CaF2 Basin
MW-226-120	Biennial (even numbered years)	Within plume (near IWs)
MW-229-125	Biennial (even numbered years)	Within plume (near IW-06-140)
MW-301-125	Biennial (even numbered years)	Within plume (along Lamos Rd)
MW-302-130	Biennial (even numbered years)	Within plume (along Lamos Rd)
MW-303-125	Biennial (even numbered years)	Within plume (along Lamos Rd)
MW-304-123	Biennial (even numbered years)	Within plume (near IWs)
MW-305-135	Biennial (even numbered years)	Within plume (near IW-06-140)

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Table 2
Summary of Field Purge Parameters
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

SAMPLE (WELL ID)	DATE SAMPLED	pH	TEMP (C)	SPECIFIC CONDUCTANCE umhos/cm	DISSOLVED OXYGEN (mg/l)	REDOX (mv)	TURBIDITY (ntu)	COLOR
2H2022 Semi-Annual Event								
MW-LSD-001-080	9/19/2022	7.60	11.00	397	9.40	135	8.50	clear
MW-LSD-001-130	9/19/2022	8.41	13.58	361	1.10	131	0.00	clear
MW-LSD-002-080	9/19/2022	7.76	11.00	346	10.08	136	4.00	clear
MW-LSD-002-127	9/19/2022	7.88	12.79	432	1.05	-132	0.00	clear
MW-LSD-003-080	9/19/2022	7.63	11.00	403	2.23	129	2.23	clear
MW-LSD-003-124	9/19/2022	8.04	13.18	354	1.25	0	0.00	clear
MW-PCL-006-077	9/21/2022	7.82	10.90	351	3.94	91	1.76	cloudy
MW-WLP-001-125	9/21/2022	7.63	11.20	392	7.48	126	1.44	clear
MW-WLP-002-085	9/21/2022	7.84	10.80	284	9.10	75	2.05	clear
MW-WLP-002-145	9/21/2022	10.44	11.71	317	2.19	156	0.00	clear
MW-WLP-003-080	9/21/2022	7.79	10.70	329	6.62	128	4.64	clear
MW-WLP-003-120	9/21/2022	8.63	10.07	280	1.19	193	0.00	clear
MW-WLP-004-070	9/21/2022	8.21	11.50	315	7.08	203	0.00	clear
MW-WLP-004-105	9/21/2022	7.77	12.40	312	1.18	126	10.76	clear
MW-WLP-005-100	9/21/2022	7.90	13.30	297	1.83	35	2.76	clear
PCL-007-070	9/21/2022	8.45	12.30	312	4.75	186	0.00	clear
PCL-007-112	9/21/2022	7.78	12.50	264	0.16	-128	6.56	clear
PCL-007-94	9/21/2022	8.12	12.07	341	3.80	195	0.00	clear
MW-208-020	9/21/2022	8.49	17.11	459	6.26	174	0.00	clear
MW-250-054	9/21/2022	6.72	13.20	1008	0.65	66	13.50	cloudy
2022 Biennial Event								
MW-201-125	9/19/2022	7.59	11.50	363	0.21	-133	1.76	clear
MW-206-080	9/20/2022	7.64	11.60	329	9.33	25	3.98	clear
MW-206-40	9/20/2022	7.47	10.80	376	10.51	133	6.81	clear
MW-210-120	9/20/2022	7.66	11.30	302	4.01	124	4.40	clear
MW-210-80	9/20/2022	8.58	13.63	337	7.45	151	0.00	clear
MW-211-60	9/20/2022	7.51	12.80	354	9.46	82	15.80	clear
MW-211-80	9/20/2022	8.45	12.00	318	7.98	170	0.00	clear
MW-212-120	9/20/2022	11.14	10.40	337	4.69	28	2.66	clear
MW-226-120	9/19/2022	7.57	11.30	262	6.31	109	1.16	clear
MW-229-125	9/19/2022	7.66	11.90	347	7.28	146	1.36	clear
MW-301-125	9/19/2022	7.49	12.00	436	0.21	51	1.10	clear
MW-302-130	9/19/2022	7.41	11.80	357	0.18	89	1.33	clear
MW-303-125	9/19/2022	7.58	11.70	362	0.15	-150	1.47	clear
MW-304-123	9/19/2022	8.33	11.70	356	0.14	-196	1.81	clear
MW-305-125	9/19/2022	7.69	12.00	298	6.16	135	1.14	clear

SITE: Montague

Table 3
Summary of Analytical Results - Volatile Organic Compounds
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

Location (mixing zone compliance wells shown in italics)		Analyte	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CHLOROFORM	CIS-1,2 DICHLOROETHENE	DICHLORODIFLUOROMETHANE	METHYLENE CHLORIDE	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHENE	TRICHLOROFLUOROMETHANE
		Screening Criteria	200	170000	880	5	5	80	70	1700	5	5	790	100	5	2600
	Date	Purpose	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
2H2022 Semiannual Sampling																
MW-LSD-001-080	9/19/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.54 J	< 0.2	< 0.7	< 0.3	< 0.2
MW-LSD-001-130	9/19/22	FS	< 0.3	52	< 0.3	< 0.3	< 0.3	< 0.3	0.39 J	< 0.2	< 0.3	12	< 0.2	< 0.7	2.8	< 0.2
MW-LSD-001-130	9/19/22	DUP	< 0.3	56	< 0.3	< 0.3	< 0.3	< 0.3	0.39 J	< 0.2	< 0.3	14	< 0.2	< 0.7	3	< 0.2
MW-LSD-002-080	9/19/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
MW-LSD-002-127	9/19/22	FS	< 0.3	170	< 0.3	0.64 J	< 0.3	0.55 J	1	< 0.2	< 0.3	8.1	< 0.2	< 0.7	3	< 0.2
MW-LSD-003-080	9/19/22	FS	< 0.3	0.5 J	0.66 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
MW-LSD-003-124	9/19/22	FS	< 0.3	6.4 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.85 J	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-001-125	9/21/22	FS	< 0.3	1.6 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	45	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-002-085	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.35 J	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-002-145	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	2	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-003-080	9/21/22	FS	1.5	270	< 0.3	< 0.3	95	1.3	< 0.3	< 0.2	< 0.3	1.3	< 0.2	< 0.7	0.59 J	< 0.2
MW-WLP-003-120	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	1.1	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-004-070	9/21/22	FS	0.77 J	140	< 0.3	< 0.3	54	0.72 J	< 0.3	< 0.2	< 0.3	54	< 0.2	< 0.7	0.5 J	< 0.2
MW-WLP-004-105	9/21/22	FS	< 0.3	0.78 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.69 J	< 0.2	< 0.7	< 0.3	< 0.2
MW-WLP-005-100	9/21/22	FS	< 0.3	0.8 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.6 J	< 0.2	< 0.7	< 0.3	< 0.2
MW-208-020	9/21/22	FS	0.3 J	3.4 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	5.2	< 0.2	< 0.7	< 0.3	< 0.2
MW-250-054	9/21/22	FS	< 0.3	30	0.59 J	0.33 J	< 0.3	0.59 J	2.9	< 0.2	< 0.3	59	< 0.2	< 0.7	20	< 0.2
PCL-006-077	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	1.2	< 0.2	< 0.7	< 0.3	< 0.2
PCL-007-070	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
PCL-007-094	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
PCL-007-094	9/21/22	DUP	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
PCL-007-112	9/21/22	FS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.73 J	< 0.2	< 0.7	< 0.3	< 0.2
2022 Biennial Sampling																
MW-201-125	9/19/22	FS	< 0.3	24	< 0.3	< 0.3	< 0.3	< 0.3	21	< 0.2	< 0.3	1.7	< 0.2	< 0.7	3.2	< 0.2
MW-206-040	9/20/22	FS	< 0.3	1.1 J	< 0.3	< 0.3	8.5	1	< 0.3	< 0.2	< 0.3	27	< 0.2	2.5	< 0.3	< 0.2
MW-206-080	9/20/22	FS	< 0.3	9.2 J	< 0.3	< 0.3	1.5	< 0.3	< 0.3	< 0.2	< 0.3	7.8	< 0.2	< 0.7	< 0.3	< 0.2
MW-210-080	9/20/22	FS	< 0.3	5.4 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	9.5	< 0.2	< 0.7	< 0.3	< 0.2
MW-210-120	9/20/22	FS	< 0.3	5.9 J	< 0.3	< 0.3	0.46 J	0.31 J	< 0.3	< 0.2	< 0.3	4.2	< 0.2	< 0.7	< 0.3	2.2
MW-211-060	9/20/22	FS	< 0.3	0.98 J	< 0.3 UJ	< 0.3 UJ	0.51 J	< 0.3 UJ	< 0.3 UJ	< 0.2	< 0.3 UJ	57 J	< 0.2 UJ	< 0.7 UJ	< 0.3 UJ	< 0.2
MW-211-060	9/20/22	DUP	< 0.3	1.1 J	< 0.3	< 0.3	0.67 J	< 0.3	< 0.3	< 0.2	< 0.3	58	< 0.2	< 0.7	< 0.3	< 0.2
MW-211-080	9/20/22	FS	< 0.3	1.9 J	< 0.3	< 0.3	0.32 J	< 0.3	< 0.3	< 0.2	< 0.3	14	< 0.2	< 0.7	< 0.3	< 0.2
MW-212-120	9/20/22	FS	< 0.3	1.1 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	14	0.48 J	< 0.7	< 0.3	< 0.2
MW-226-120	9/19/22	FS	< 0.3	14	< 0.3	< 0.3	< 0.3	< 0.3	6.5	< 0.2	< 0.3	10	< 0.2	< 0.7	4.7	< 0.2
MW-226-120	9/19/22	DUP	< 0.3	11	< 0.3	< 0.3	< 0.3	< 0.3	5.2	< 0.2	< 0.3	9.9	< 0.2	< 0.7	4.1	< 0.2
MW-229-125	9/19/22	FS	< 0.3	10	< 0.3	< 0.3	1.5	< 0.3	< 0.3	< 0.2	< 0.3	42	< 0.2	< 0.7	< 0.3	< 0.2
MW-301-125	9/19/22	FS	< 0.3	590	1.1	1.2	< 0.3	1.9	0.83 J	1.7	< 0.3	5.5	< 0.2	< 0.7	3.8	0.3 J
MW-302-130	9/19/22	FS	< 0.3	11	< 0.3	< 0.3	< 0.3	< 0.3	0.81 J	< 0.2	< 0.3	1.5	< 0.2	< 0.7	6.5	< 0.2
MW-303-125	9/19/22	FS	< 0.3	3.2 J	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	0.78 J	< 0.2	< 0.7	2.4	< 0.2
MW-304-123	9/19/22	FS	< 0.3	22	< 0.3	< 0.3	< 0.3	0.95 J	17	< 0.2	< 0.3	17	< 0.2	21	8.4	< 0.2
MW-305-135	9/19/22	FS	< 0.3	0.76 J	< 0.3	< 0.3	< 0.3	< 0.3	0.64 J	< 0.2	< 0.3	50	< 0.2	< 0.7	4.1	< 0.2
QA/QC Samples																
EQBLK	9/19/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	0.82 J	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
EQBLK	9/19/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	0.56 J	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
EQBLK	9/19/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
EQBLK	9/20/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
EQBLK	9/21/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	0.3 J	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
EQBLK	9/21/22	EB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/19/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/19/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/19/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/20/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/21/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2
TBLK	9/21/22	TB	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2	< 0.3	< 0.3	< 0.2	< 0.7	< 0.3	< 0.2

1: Screening criteria are the residential drinking water criteria from the Michigan Part 201 Generic Cleanup Criteria and SLs.

Criteria= Table 1. Part 201/Part 213 Generic and Risk-Based Screening Levels, December 30,2013.
Yellow cells = Concentration above criteria
< = Non detect at stated reporting limit
J = Estimated result

Table 4
Mixing Zone Compliance Evaluation
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

Evaluation - Acute Criteria			
	Carbon tetrachloride (ug/L)	Tetrachloroethene (ug/L)	1,1,2-trichloro, trifluoroethane (ug/L)
Acute GSI [1]	*1400*	*2900*	*570*
Maximum concentration in mixing zone wells (excludes wells within capture zone) (expressed in ug/L).			
2009 Q4	28	26	160
2010 Q1	27	34	160
2010 Q2	44	38	210
2010 Q3	31	23	180
2010 Q4	48	27	200
2011 Q1	99	20	260
2011 Q2	75	19	250
2011 Q3	120	22	250
2011 Q4	100	22	300
2012 Q1	170	16	280
2012 Q2	170	15	320
2012 Q3	150	14	310
2012 Q4	220	12	270
2013 Q1	180	13	310
2013 Q2	170	11	280
2013 Q3	180	13	350
2013 Q4	140	15	280
2014 Q1	130	9	240
2014 Q2	120	11	220
2014 Q3	120	9	280
2014 Q4	110	12	300
2015 Q1	120	12	270
2015 Q2	100	11	300
2015 Q3	75	7	210
2015 Q4	58	6	150
2016 Q1	79	12	220
2016 Q2	73	10	230
2016 3Q	80	11	220
2016 4Q	83	15	210
2017 1H	120	21	420
2017 2H	130	20	370
2018 1H	160	18	330
2018 2H	220	18	**600**
2019 1H	140	18	340
2019 2H	190	19	320
2020 1H	150	17	350
2020 2H	160	17	340
2021 1H	120	16	230
2021 2H	100	15	270
2022 1H	72	15	190
2022 2H	95	12	270

RESULT: 2021 1H - No results from the compliance monitoring exceed the Acute Mixing-Zone Based GSI concentratio
Note that results used are primary samples (not duplicate samples). WLP-04 wells are not used since they are inside the capture zone.

1: Acute GSI criteria have been provided by MDEQ in the letter *Mixing Zone Implementation; DuPont Montague Works, White Lake* dated August 22, 2012. Past evaluations of data collected 4Q2009 to 2Q2012 used criteria provided by MDEQ in August 2007 and guidance provided in a February 1, 2011 MDEQ comment letter.

Table 4
Mixing Zone Compliance Evaluation
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

Evaluation - Chronic Criteria			
	Carbon tetrachloride (ug/L)	Tetrachloroethene (PCE) (ug/L)	1,1,2-trichloro, trifluoroethane (CFC-113) (ug/L)
Chronic Mixing-Zone Based GSI [2] *(revised August 22, 2012 by MDEQ)*	*850*	*2090*	*350*
Maximum concentration in mixing zone wells (excludes wells within capture zone) (expressed in ug/L).			
2009 Q4	28	26	160
2010 Q1	27	34	160
2010 Q2	44	38	210
2010 Q3	31	23	180
2010 Q4	48	27	200
2011 Q1	99	20	260
2011 Q2	75	19	250
2011 Q3	120	22	250
2011 Q4	100	22	300
2012 Q1	170	16	290
2012 Q2	170	15	320
2012 Q3	150	14	310
2012 Q4	220	12	270
2013 Q1	180	13	310
2013 Q2	170	11	280
2013 Q3	180	13	**350**
2013 Q4	140	15	280
2014 Q1	130	9	240
2014 Q2	120	11	220
2014 Q3	120	9	280
2014 Q4	110	12	300
2015 Q1	120	12	270
2015 Q2	100	11	300
2015 Q3	75	7	210
2015 Q4	58	6	150
2016 Q1	79	12	220
2016 Q2	73	10	230
2016 3Q	80	11	220
2016 4Q	83	15	210
2017 1H	120	21	**420**
2017 2H	130	20	**370**
2018 1H	160	18	330
2018 2H	220	18	**600**
2019 1H	140	18	340
2019 2H	190	19	320
2020 1H	150	17	**350**
2020 2H	160	17	340
2021 1H	120	16	230
2021 2H	100	15	270
2022 1H	72	15	190
2022 2H	95	12	270

RESULT: 2021 1H - No results from the compliance monitoring exceed the Chronic Mixing-Zone Based GSI concentrations provided August 22, 2012.
Evaluation of Chronic Mass Loading is not triggered. No further evaluation needed; site is in compliance.

2: Chronic GSI criteria have been provided by MDEQ in the letter *Mixing Zone Implementation; DuPont Montague Works, White Lake* dated August 22, 2012. Past evaluations of data collected 4Q2009 to 2Q2012 used criteria provided by MDEQ in August 2007 and guidance provided in a February 1, 2011 MDEQ comment letter.
Notes:
4: For nondetect results, one-half of the reporting limit is used.

Table 4
Mixing Zone Compliance Evaluation
2H 2022 Groundwater Monitoring Data Report
Chemours Montague Works
Montague, Michigan

Evaluation - Chronic Mass Loading Criteria			
	Carbon tetrachloride (lbs/day)	Tetrachloroethene (lbs/day)	1,1,2-trichloro, trifluoroethane (lbs/day)
Chronic Mass Loading Criteria [3] (revised August 22, 2012 by MDEQ)	*1.550*	*3.820*	*0.640*
Mass loading to White Lake Mixing Zone (expressed in lbs/day)[4]			
2009 4Q	N/A	N/A	N/A
2010 1Q	N/A	N/A	N/A
2010 2Q	N/A	N/A	N/A
2010 3Q	N/A	N/A	N/A
2010 4Q	N/A	N/A	N/A
2011 Q1	N/A	N/A	N/A
2011 Q2	N/A	N/A	N/A
2011 Q3	N/A	N/A	N/A
2011 Q4	N/A	N/A	N/A
2012 Q1	N/A	N/A	N/A
2012 Q2	N/A	N/A	N/A
2012 Q3	N/A	N/A	N/A
2012 Q4	N/A	N/A	N/A
2013 Q1	N/A	N/A	N/A
2013 Q2	N/A	N/A	N/A
2013 Q3	N/A	N/A	N/A
2013 Q4	N/A	N/A	N/A
2014 Q1	N/A	N/A	N/A
2014 Q2	N/A	N/A	N/A
2014 Q3	N/A	N/A	N/A
2014 Q4	N/A	N/A	N/A
2015 Q1	N/A	N/A	N/A
2015 Q2	N/A	N/A	N/A
2015 Q3	N/A	N/A	N/A
2015 Q4	N/A	N/A	N/A
2016 Q1	N/A	N/A	N/A
2016 Q2	N/A	N/A	N/A
2016 3Q	N/A	N/A	N/A
2016 4Q	N/A	N/A	N/A
2017 1H	0.015	0.006	0.113
2017 2H	0.017	0.006	0.096
2018 1H	N/A	N/A	N/A
2018 2H	0.089	0.013	0.358
2019 1H	N/A	N/A	N/A
2019 2H	N/A	N/A	N/A
2020 1H	0.029	0.007	0.129
2020 2H	N/A	N/A	N/A
2021 1H	N/A	N/A	N/A
2021 2H	N/A	N/A	N/A
2022 1H	N/A	N/A	N/A
2022 2H	N/A	N/A	N/A

N/A: Not applicable - Chronic Mixing-Zone Based GSI concentration were not exceeded.
RESULT: Evaluation of Chronic Mass Loading criteria not needed.
Triggers: no further evaluation needed; site is in compliance.

3: Chronic Mass Loading Criteria have been provided by MDEQ in the letter *Mixing Zone Implementation; DuPont Montague Works, White Lake* dated August 22, 2012. Past evaluations of data collected 4Q2009 to 2Q2012 used criteria provided by MDEQ in August 2007 and guidance provided in a February 1, 2011 MDEQ comment letter.
Notes:
4: For nondetect results, one-half of the reporting limit would be used.

Attachment 1

Analytical Laboratory Reports – 2H2022

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-98876-1
Client Project/Site: GW MONITORING 2H22

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Authorized for release by:
10/3/2022 10:06:02 AM

Kerri Sachtleben, Client Services Group Leader
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Kerri.Sachtleben@et.eurofinsus.com

LINKS

Review your project results through my EOL

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Kerri Sachtleben
Client Services Group Leader
10/3/2022 10:06:02 AM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 14
Lab Chronicle 15
Certification Summary 16
Method Summary 17
Sample Summary 18
Chain of Custody 19
Receipt Checklists 20

Definitions/Glossary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-98876-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-98876-1

Receipt
The samples were received on 9/21/2022 10:18 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 410-301158 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed on 410-301158 is compliant under 8260C/D method criteria for Freon 113 . The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the check passes the criteria with a value of 20% Drift.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: GW2H22-MW-201-125 — Lab Sample ID: 410-98876-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	24	cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.7		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	3.2		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-226-120 — Lab Sample ID: 410-98876-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.5		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	14		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	10		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.7		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-229-125 — Lab Sample ID: 410-98876-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	1.5		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	10	cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	42		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-305-135 — Lab Sample ID: 410-98876-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.64	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	0.76	J cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	50		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.1		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-226-120-D — Lab Sample ID: 410-98876-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.2		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	11	cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	9.9		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.1		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: EB-09-19-22-5 — Lab Sample ID: 410-98876-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.56	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: TB-09-19-22-5 — Lab Sample ID: 410-98876-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: GW2H22-MW-201-125

Lab Sample ID: 410-98876-1
Date Collected: 09/19/22 10:31
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 15:39	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
cis-1,2-Dichloroethene	**21**		1.0	0.30	ug/L			09/29/22 15:39	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 15:39	1
Freon 113	**24**	**cn**	10	0.30	ug/L			09/29/22 15:39	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 15:39	1
Tetrachloroethene	**1.7**		1.0	0.30	ug/L			09/29/22 15:39	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 15:39	1
Trichloroethene	**3.2**		1.0	0.30	ug/L			09/29/22 15:39	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/29/22 15:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/29/22 15:39*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*09/29/22 15:39*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/29/22 15:39*	*1*

Client Sample ID: GW2H22-MW-226-120

Lab Sample ID: 410-98876-2
Date Collected: 09/19/22 10:49
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 16:01	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
cis-1,2-Dichloroethene	**6.5**		1.0	0.30	ug/L			09/29/22 16:01	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 16:01	1
Freon 113	**14**		10	0.30	ug/L			09/29/22 16:01	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 16:01	1
Tetrachloroethene	**10**		1.0	0.30	ug/L			09/29/22 16:01	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 16:01	1
Trichloroethene	**4.7**		1.0	0.30	ug/L			09/29/22 16:01	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/29/22 16:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/29/22 16:01*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*09/29/22 16:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/29/22 16:01*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: GW2H22-MW-229-125

Lab Sample ID: 410-98876-3
Date Collected: 09/19/22 11:26
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 17:51	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
Carbon tetrachloride	**1.5**		1.0	0.30	ug/L			09/29/22 17:51	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 17:51	1
Freon 113	**10**	**cn**	10	0.30	ug/L			09/29/22 17:51	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
Tetrachloroethene	**42**		1.0	0.30	ug/L			09/29/22 17:51	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 17:51	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 17:51	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/29/22 17:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/29/22 17:51*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*09/29/22 17:51*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/29/22 17:51*	*1*

Client Sample ID: GW2H22-MW-305-135

Lab Sample ID: 410-98876-4
Date Collected: 09/19/22 11:10
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 18:13	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
cis-1,2-Dichloroethene	**0.64**	**J**	1.0	0.30	ug/L			09/29/22 18:13	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 18:13	1
Freon 113	**0.76**	**J cn**	10	0.30	ug/L			09/29/22 18:13	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 18:13	1
Tetrachloroethene	**50**		1.0	0.30	ug/L			09/29/22 18:13	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 18:13	1
Trichloroethene	**4.1**		1.0	0.30	ug/L			09/29/22 18:13	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*09/29/22 18:13*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/29/22 18:13*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*09/29/22 18:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/29/22 18:13*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: GW2H22-MW-226-120-D

Lab Sample ID: 410-98876-5
Date Collected: 09/19/22 10:49
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 18:35	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
cis-1,2-Dichloroethene	**5.2**		1.0	0.30	ug/L			09/29/22 18:35	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 18:35	1
Freon 113	**11**	**cn**	10	0.30	ug/L			09/29/22 18:35	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 18:35	1
Tetrachloroethene	**9.9**		1.0	0.30	ug/L			09/29/22 18:35	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 18:35	1
Trichloroethene	**4.1**		1.0	0.30	ug/L			09/29/22 18:35	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*09/29/22 18:35*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*09/29/22 18:35*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*09/29/22 18:35*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/29/22 18:35*	*1*

Client Sample ID: EB-09-19-22-5

Lab Sample ID: 410-98876-6
Date Collected: 09/19/22 10:25
Matrix: Ground Water
Date Received: 09/21/22 10:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 13:49	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 13:49	1
Freon 113	0.30	U cn	10	0.30	ug/L			09/29/22 13:49	1
Methylene Chloride	**0.56**	**J**	1.0	0.30	ug/L			09/29/22 13:49	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 13:49	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 13:49	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*09/29/22 13:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*09/29/22 13:49*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*09/29/22 13:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/29/22 13:49*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: TB-09-19-22-5

Date Collected: 09/19/22 10:20
Date Received: 09/21/22 10:18

Lab Sample ID: 410-98876-7

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 14:11	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			09/29/22 14:11	1
Freon 113	0.30	U cn	10	0.30	ug/L			09/29/22 14:11	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 14:11	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 14:11	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/29/22 14:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/29/22 14:11*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*09/29/22 14:11*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/29/22 14:11*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-98876-1	GW2H22-MW-201-125	105	94	109	100
410-98876-2	GW2H22-MW-226-120	105	94	110	99
410-98876-2 MS	GW2H22-MW-226-120	103	98	104	102
410-98876-2 MSD	GW2H22-MW-226-120	103	98	103	102
410-98876-3	GW2H22-MW-229-125	105	94	108	99
410-98876-4	GW2H22-MW-305-135	104	94	106	100
410-98876-5	GW2H22-MW-226-120-D	104	95	109	99
410-98876-6	EB-09-19-22-5	106	95	109	100
410-98876-7	TB-09-19-22-5	105	94	109	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-301158/5	Lab Control Sample	105	99	105	102
MB 410-301158/9	Method Blank	104	96	108	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-301158/9
Matrix: Water
Analysis Batch: 301158

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Toluene	0.20	U	1.0	0.20	ug/L			09/29/22 12:10	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 12:10	1
Freon 113	0.30	U	10	0.30	ug/L			09/29/22 12:10	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/29/22 12:10	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/29/22 12:10	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/29/22 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*09/29/22 12:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/29/22 12:10*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*09/29/22 12:10*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/29/22 12:10*	*1*

Lab Sample ID: LCS 410-301158/5
Matrix: Water
Analysis Batch: 301158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	17.7		ug/L		88	80 - 120
1,1,1-Trichloroethane	20.0	16.4		ug/L		82	67 - 126
Toluene	20.0	17.0		ug/L		85	80 - 120
1,1-Dichloroethane	20.0	17.7		ug/L		89	80 - 120
Carbon tetrachloride	20.0	17.3		ug/L		87	64 - 134
Chloroform	20.0	17.9		ug/L		90	80 - 120
cis-1,2-Dichloroethene	20.0	18.7		ug/L		94	80 - 125
Dichlorodifluoromethane	20.0	12.2		ug/L		61	41 - 127
Freon 113	20.0	15.8		ug/L		79	73 - 139
Methylene Chloride	20.0	18.4		ug/L		92	80 - 120
Tetrachloroethene	20.0	17.1		ug/L		86	80 - 120
trans-1,2-Dichloroethene	20.0	18.1		ug/L		90	80 - 126
Trichloroethene	20.0	17.1		ug/L		85	80 - 120
Trichlorofluoromethane	20.0	14.0		ug/L		70	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-98876-2 MS
Matrix: Ground Water
Analysis Batch: 301158

Client Sample ID: GW2H22-MW-226-120
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.30	U	20.0	20.8		ug/L		104	80 - 120
1,1,1-Trichloroethane	0.30	U	20.0	19.8		ug/L		99	67 - 126
Toluene	0.20	U	20.0	20.3		ug/L		102	80 - 120
1,1-Dichloroethane	0.30	U	20.0	20.7		ug/L		104	80 - 120
Carbon tetrachloride	0.30	U	20.0	21.2		ug/L		106	64 - 134
Chloroform	0.30	U	20.0	20.3		ug/L		101	80 - 120
cis-1,2-Dichloroethene	6.5		20.0	28.0		ug/L		108	80 - 125
Dichlorodifluoromethane	0.20	U	20.0	15.8		ug/L		79	41 - 127
Freon 113	14		20.0	33.2		ug/L		96	73 - 139
Methylene Chloride	0.30	U	20.0	20.5		ug/L		103	80 - 120
Tetrachloroethene	10		20.0	30.9		ug/L		102	80 - 120
trans-1,2-Dichloroethene	0.70	U	20.0	21.3		ug/L		106	80 - 126
Trichloroethene	4.7		20.0	24.9		ug/L		101	80 - 120
Trichlorofluoromethane	0.20	U	20.0	16.9		ug/L		84	55 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 410-98876-2 MSD
Matrix: Ground Water
Analysis Batch: 301158

Client Sample ID: GW2H22-MW-226-120
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.30	U	20.0	22.2		ug/L		111	80 - 120	6	30
1,1,1-Trichloroethane	0.30	U	20.0	20.8		ug/L		104	67 - 126	5	30
Toluene	0.20	U	20.0	22.0		ug/L		110	80 - 120	8	30
1,1-Dichloroethane	0.30	U	20.0	22.0		ug/L		110	80 - 120	6	30
Carbon tetrachloride	0.30	U	20.0	22.6		ug/L		113	64 - 134	6	30
Chloroform	0.30	U	20.0	21.8		ug/L		109	80 - 120	7	30
cis-1,2-Dichloroethene	6.5		20.0	28.8		ug/L		112	80 - 125	3	30
Dichlorodifluoromethane	0.20	U	20.0	15.8		ug/L		79	41 - 127	0	30
Freon 113	14		20.0	33.0		ug/L		94	73 - 139	1	30
Methylene Chloride	0.30	U	20.0	21.5		ug/L		108	80 - 120	5	30
Tetrachloroethene	10		20.0	33.3		ug/L		114	80 - 120	8	30
trans-1,2-Dichloroethene	0.70	U	20.0	22.5		ug/L		112	80 - 126	6	30
Trichloroethene	4.7		20.0	26.4		ug/L		109	80 - 120	6	30
Trichlorofluoromethane	0.20	U	20.0	17.5		ug/L		87	55 - 135	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

GC/MS VOA

Analysis Batch: 301158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-98876-1	GW2H22-MW-201-125	Total/NA	Ground Water	8260C	
410-98876-2	GW2H22-MW-226-120	Total/NA	Ground Water	8260C	
410-98876-3	GW2H22-MW-229-125	Total/NA	Ground Water	8260C	
410-98876-4	GW2H22-MW-305-135	Total/NA	Ground Water	8260C	
410-98876-5	GW2H22-MW-226-120-D	Total/NA	Ground Water	8260C	
410-98876-6	EB-09-19-22-5	Total/NA	Ground Water	8260C	
410-98876-7	TB-09-19-22-5	Total/NA	Ground Water	8260C	
MB 410-301158/9	Method Blank	Total/NA	Water	8260C	
LCS 410-301158/5	Lab Control Sample	Total/NA	Water	8260C	
410-98876-2 MS	GW2H22-MW-226-120	Total/NA	Ground Water	8260C	
410-98876-2 MSD	GW2H22-MW-226-120	Total/NA	Ground Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Client Sample ID: GW2H22-MW-201-125
Lab Sample ID: 410-98876-1
Date Collected: 09/19/22 10:31
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 15:39

Client Sample ID: GW2H22-MW-226-120
Lab Sample ID: 410-98876-2
Date Collected: 09/19/22 10:49
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 16:01

Client Sample ID: GW2H22-MW-229-125
Lab Sample ID: 410-98876-3
Date Collected: 09/19/22 11:26
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 17:51

Client Sample ID: GW2H22-MW-305-135
Lab Sample ID: 410-98876-4
Date Collected: 09/19/22 11:10
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 18:13

Client Sample ID: GW2H22-MW-226-120-D
Lab Sample ID: 410-98876-5
Date Collected: 09/19/22 10:49
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 18:35

Client Sample ID: EB-09-19-22-5
Lab Sample ID: 410-98876-6
Date Collected: 09/19/22 10:25
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 13:49

Client Sample ID: TB-09-19-22-5
Lab Sample ID: 410-98876-7
Date Collected: 09/19/22 10:20
Matrix: Ground Water
Date Received: 09/21/22 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301158	TQ4J	ELLE	09/29/22 14:11

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Job ID: 410-98876-1
Project/Site: GW MONITORING 2H22

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Ground Water	1,1,1-Trichloroethane
8260C		Ground Water	1,1-Dichloroethane
8260C		Ground Water	Benzene
8260C		Ground Water	Carbon tetrachloride
8260C		Ground Water	Chloroform
8260C		Ground Water	cis-1,2-Dichloroethene
8260C		Ground Water	Dichlorodifluoromethane
8260C		Ground Water	Freon 113
8260C		Ground Water	Methylene Chloride
8260C		Ground Water	Tetrachloroethene
8260C		Ground Water	Toluene
8260C		Ground Water	trans-1,2-Dichloroethene
8260C		Ground Water	Trichloroethene
8260C		Ground Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98876-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-98876-1	GW2H22-MW-201-125	Ground Water	09/19/22 10:31	09/21/22 10:18
410-98876-2	GW2H22-MW-226-120	Ground Water	09/19/22 10:49	09/21/22 10:18
410-98876-3	GW2H22-MW-229-125	Ground Water	09/19/22 11:26	09/21/22 10:18
410-98876-4	GW2H22-MW-305-135	Ground Water	09/19/22 11:10	09/21/22 10:18
410-98876-5	GW2H22-MW-226-120-D	Ground Water	09/19/22 10:49	09/21/22 10:18
410-98876-6	EB-09-19-22-5	Ground Water	09/19/22 10:25	09/21/22 10:18
410-98876-7	TB-09-19-22-5	Ground Water	09/19/22 10:20	09/21/22 10:18

410-98876 Chain of Custody

Chain of Custody Record

eurofins Environment Testing America

Sampler: Blacken NETCoil	Lab PM: Sachtleben, Kerri	Carrier Tracking No(s):	COC No: 410-19207-6779.1
Client: Dyana Sagges	Phone: 231-215-3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	State of Origin: MI	Page: Page of
Company: The Chemours Company FC, LLC	PWSID:		Job #:
Address: 6270 Wilkes Road	Due Date Requested:		
City: Montague	TAT Requested (days): Standard		
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No		
Phone: 302-781-6103(Tel)	PO #: 9901434019		
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046		
Project Name: GW MONITORING 2H22	Project #: 41000767		
Site: MTG	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample	Perform MS/MSD	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	X	
GW2H22-MW-201-125	9-19-22	1031	G	Water			X	3	
GW2H22-MW-226-120	9-19-22	1049	G	Water			X	3	
GW2H22-MW-229-125	9-19-22	1126	G	Water			X	3	
GW2H22-MW-305-135	9-19-22	1110	G	Water			X	3	
GW2H22-MW-226-120-D	9-19-22	1049	G	Water			X	3	
GW2H22-MW-226-120	9-19-22	1049	G	Water		Y	X		MS
GW2H22-MW-226-120	9-19-22	1049	G	Water		Y	X	3	MSD
EB-09-19-22-5	9-19-22 ~~1025~~	1025	G	Water			X	3	
TB-09-19-22-5	9-19-22 ~~1020~~	1020	G	Water			X	2	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	9-14-22 12:45	EALE	Blacken	9-16-22 1600	AECOM
Blacken	9-20-22 1600	AECOM			
				9/21/22 1018	OLT

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.4

Ver: 01/16/2019

10/3/2022

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-98876-1

Login Number: 98876
List Number: 1
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-98881-1
Client Project/Site: GW MONITORING 2H22

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Authorized for release by:
10/11/2022 8:54:25 AM

Kerri Sachtleben, Client Services Group Leader
(717)556-7376
Kerri.Sachtleben@et.eurofinsus.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Kerri Sachtleben
Client Services Group Leader
10/11/2022 8:54:25 AM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 14
Lab Chronicle 15
Certification Summary 16
Method Summary 17
Sample Summary 18
Chain of Custody 19
Receipt Checklists 20

Definitions/Glossary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-98881-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-98881-1

Receipt
The samples were received on 9/21/2022 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Client Sample ID: GW2H22-MW-301-125 — Lab Sample ID: 410-98881-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.1		1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	1.9		1.0	0.30	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.83	J	1.0	0.30	ug/L	1		8260C	Total/NA
Dichlorodifluoromethane	1.7		1.0	0.20	ug/L	1		8260C	Total/NA
Tetrachloroethene	5.5		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	3.8		1.0	0.30	ug/L	1		8260C	Total/NA
Trichlorofluoromethane	0.30	J	1.0	0.20	ug/L	1		8260C	Total/NA
Freon 113 - DL	590		100	3.0	ug/L	10		8260C	Total/NA

Client Sample ID: GW2H22-MW-302-130 — Lab Sample ID: 410-98881-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.81	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	11		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.5		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	6.5		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-303-125 — Lab Sample ID: 410-98881-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	3.2	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.78	J	1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	2.4		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-304-123 — Lab Sample ID: 410-98881-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.95	J	1.0	0.30	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	22		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	17		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	21		2.0	0.70	ug/L	1		8260C	Total/NA
Trichloroethene	8.4		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: EB-09-19-22-6 — Lab Sample ID: 410-98881-5

No Detections.

Client Sample ID: TB-09-19-22-6 — Lab Sample ID: 410-98881-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Client Sample ID: GW2H22-MW-301-125

Lab Sample ID: 410-98881-1
Date Collected: 09/19/22 13:33
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.2		1.0	0.30	ug/L			09/30/22 17:03	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:03	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:03	1
1,1-Dichloroethane	1.1		1.0	0.30	ug/L			09/30/22 17:03	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:03	1
Chloroform	1.9		1.0	0.30	ug/L			09/30/22 17:03	1
cis-1,2-Dichloroethene	0.83	J	1.0	0.30	ug/L			09/30/22 17:03	1
Dichlorodifluoromethane	1.7		1.0	0.20	ug/L			09/30/22 17:03	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:03	1
Tetrachloroethene	5.5		1.0	0.30	ug/L			09/30/22 17:03	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:03	1
Trichloroethene	3.8		1.0	0.30	ug/L			09/30/22 17:03	1
Trichlorofluoromethane	0.30	J	1.0	0.20	ug/L			09/30/22 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*09/30/22 17:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*09/30/22 17:03*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*09/30/22 17:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 17:03*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 113	590		100	3.0	ug/L			10/03/22 16:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*10/03/22 16:57*	*10*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/03/22 16:57*	*10*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*10/03/22 16:57*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/03/22 16:57*	*10*

Client Sample ID: GW2H22-MW-302-130

Lab Sample ID: 410-98881-2
Date Collected: 09/19/22 13:50
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:29	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
cis-1,2-Dichloroethene	0.81	J	1.0	0.30	ug/L			09/30/22 17:29	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:29	1
Freon 113	11		10	0.30	ug/L			09/30/22 17:29	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:29	1
Tetrachloroethene	1.5		1.0	0.30	ug/L			09/30/22 17:29	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:29	1
Trichloroethene	6.5		1.0	0.30	ug/L			09/30/22 17:29	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:29	1

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Client Sample ID: GW2H22-MW-302-130

Lab Sample ID: 410-98881-2
Date Collected: 09/19/22 13:50
Matrix: Ground Water
Date Received: 09/21/22 09:55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*09/30/22 17:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*09/30/22 17:29*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*09/30/22 17:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/30/22 17:29*	*1*

Client Sample ID: GW2H22-MW-303-125

Lab Sample ID: 410-98881-3
Date Collected: 09/19/22 14:08
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:55	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:55	1
Freon 113	**3.2**	**J**	10	0.30	ug/L			09/30/22 17:55	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:55	1
Tetrachloroethene	**0.78**	**J**	1.0	0.30	ug/L			09/30/22 17:55	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:55	1
Trichloroethene	**2.4**		1.0	0.30	ug/L			09/30/22 17:55	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*09/30/22 17:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*09/30/22 17:55*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*09/30/22 17:55*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/30/22 17:55*	*1*

Client Sample ID: GW2H22-MW-304-123

Lab Sample ID: 410-98881-4
Date Collected: 09/19/22 14:28
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Chloroform	**0.95**	**J**	1.0	0.30	ug/L			09/30/22 18:21	1
cis-1,2-Dichloroethene	**17**		1.0	0.30	ug/L			09/30/22 18:21	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1
Freon 113	**22**		10	0.30	ug/L			09/30/22 18:21	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Tetrachloroethene	**17**		1.0	0.30	ug/L			09/30/22 18:21	1
trans-1,2-Dichloroethene	**21**		2.0	0.70	ug/L			09/30/22 18:21	1
Trichloroethene	**8.4**		1.0	0.30	ug/L			09/30/22 18:21	1

Client Sample ID: GW2H22-MW-304-123

Lab Sample ID: 410-98881-4

Date Collected: 09/19/22 14:28
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/30/22 18:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*09/30/22 18:21*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*09/30/22 18:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 18:21*	*1*

Client Sample ID: EB-09-19-22-6

Lab Sample ID: 410-98881-5

Date Collected: 09/19/22 13:25
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 15:19	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:19	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 15:19	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 15:19	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:19	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*09/30/22 15:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*09/30/22 15:19*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*09/30/22 15:19*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/30/22 15:19*	*1*

Client Sample ID: TB-09-19-22-6

Lab Sample ID: 410-98881-6

Date Collected: 09/19/22 13:22
Matrix: Ground Water
Date Received: 09/21/22 09:55

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 15:45	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:45	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 15:45	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Client Sample ID: TB-09-19-22-6

Date Collected: 09/19/22 13:22
Date Received: 09/21/22 09:55

Lab Sample ID: 410-98881-6

Matrix: Ground Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 15:45	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:45	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/30/22 15:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*09/30/22 15:45*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*09/30/22 15:45*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 15:45*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-98881-1	GW2H22-MW-301-125	102	99	103	100
410-98881-1 - DL	GW2H22-MW-301-125	106	95	107	100
410-98881-2	GW2H22-MW-302-130	102	98	104	98
410-98881-3	GW2H22-MW-303-125	101	98	103	99
410-98881-4	GW2H22-MW-304-123	105	99	104	100
410-98881-5	EB-09-19-22-6	101	98	102	99
410-98881-6	TB-09-19-22-6	105	99	104	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-301808/5	Lab Control Sample	106	97	106	99
LCS 410-302320/5	Lab Control Sample	101	99	105	102
MB 410-301808/7	Method Blank	105	98	103	99
MB 410-302320/8	Method Blank	102	96	107	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-301808/7
Matrix: Water
Analysis Batch: 301808

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 14:52	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 14:52	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 14:52	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 14:52	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:52	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*09/30/22 14:52*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*09/30/22 14:52*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*09/30/22 14:52*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/30/22 14:52*	*1*

Lab Sample ID: LCS 410-301808/5
Matrix: Water
Analysis Batch: 301808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	18.3		ug/L		91	80 - 120
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	67 - 126
Toluene	20.0	17.7		ug/L		89	80 - 120
1,1-Dichloroethane	20.0	18.0		ug/L		90	80 - 120
Carbon tetrachloride	20.0	18.2		ug/L		91	64 - 134
Chloroform	20.0	18.3		ug/L		92	80 - 120
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	80 - 125
Dichlorodifluoromethane	20.0	13.9		ug/L		70	41 - 127
Freon 113	20.0	18.0		ug/L		90	73 - 139
Methylene Chloride	20.0	18.4		ug/L		92	80 - 120
Tetrachloroethene	20.0	17.5		ug/L		87	80 - 120
trans-1,2-Dichloroethene	20.0	18.0		ug/L		90	80 - 126
Trichloroethene	20.0	16.6		ug/L		83	80 - 120
Trichlorofluoromethane	20.0	15.5		ug/L		78	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-302320/8
Matrix: Water
Analysis Batch: 302320

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Toluene	0.20	U	1.0	0.20	ug/L			10/03/22 11:29	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/03/22 11:29	1
Freon 113	0.30	U	10	0.30	ug/L			10/03/22 11:29	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/03/22 11:29	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/03/22 11:29	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/03/22 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/03/22 11:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/03/22 11:29*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*10/03/22 11:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/03/22 11:29*	*1*

Lab Sample ID: LCS 410-302320/5
Matrix: Water
Analysis Batch: 302320

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	19.2		ug/L		96	80 - 120
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	67 - 126
Toluene	20.0	19.0		ug/L		95	80 - 120
1,1-Dichloroethane	20.0	18.9		ug/L		94	80 - 120
Carbon tetrachloride	20.0	19.2		ug/L		96	64 - 134
Chloroform	20.0	19.3		ug/L		97	80 - 120
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	80 - 125
Dichlorodifluoromethane	20.0	11.0		ug/L		55	41 - 127
Freon 113	20.0	17.5		ug/L		87	73 - 139
Methylene Chloride	20.0	19.3		ug/L		96	80 - 120
Tetrachloroethene	20.0	19.6		ug/L		98	80 - 120
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	80 - 126
Trichloroethene	20.0	19.1		ug/L		96	80 - 120
Trichlorofluoromethane	20.0	13.6		ug/L		68	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

GC/MS VOA

Analysis Batch: 301808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-98881-1	GW2H22-MW-301-125	Total/NA	Ground Water	8260C	
410-98881-2	GW2H22-MW-302-130	Total/NA	Ground Water	8260C	
410-98881-3	GW2H22-MW-303-125	Total/NA	Ground Water	8260C	
410-98881-4	GW2H22-MW-304-123	Total/NA	Ground Water	8260C	
410-98881-5	EB-09-19-22-6	Total/NA	Ground Water	8260C	
410-98881-6	TB-09-19-22-6	Total/NA	Ground Water	8260C	
MB 410-301808/7	Method Blank	Total/NA	Water	8260C	
LCS 410-301808/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 302320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-98881-1 - DL	GW2H22-MW-301-125	Total/NA	Ground Water	8260C	
MB 410-302320/8	Method Blank	Total/NA	Water	8260C	
LCS 410-302320/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Client Sample ID: GW2H22-MW-301-125
Lab Sample ID: 410-98881-1

Date Collected: 09/19/22 13:33
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 17:03
Total/NA	Analysis	8260C	DL	10	302320	TQ4J	ELLE	10/03/22 16:57

Client Sample ID: GW2H22-MW-302-130
Lab Sample ID: 410-98881-2

Date Collected: 09/19/22 13:50
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 17:29

Client Sample ID: GW2H22-MW-303-125
Lab Sample ID: 410-98881-3

Date Collected: 09/19/22 14:08
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 17:55

Client Sample ID: GW2H22-MW-304-123
Lab Sample ID: 410-98881-4

Date Collected: 09/19/22 14:28
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 18:21

Client Sample ID: EB-09-19-22-6
Lab Sample ID: 410-98881-5

Date Collected: 09/19/22 13:25
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 15:19

Client Sample ID: TB-09-19-22-6
Lab Sample ID: 410-98881-6

Date Collected: 09/19/22 13:22
Matrix: Ground Water
Date Received: 09/21/22 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301808	UKAD	ELLE	09/30/22 15:45

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Ground Water	1,1,1-Trichloroethane
8260C		Ground Water	1,1-Dichloroethane
8260C		Ground Water	Benzene
8260C		Ground Water	Carbon tetrachloride
8260C		Ground Water	Chloroform
8260C		Ground Water	cis-1,2-Dichloroethene
8260C		Ground Water	Dichlorodifluoromethane
8260C		Ground Water	Freon 113
8260C		Ground Water	Methylene Chloride
8260C		Ground Water	Tetrachloroethene
8260C		Ground Water	Toluene
8260C		Ground Water	trans-1,2-Dichloroethene
8260C		Ground Water	Trichloroethene
8260C		Ground Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98881-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-98881-1	GW2H22-MW-301-125	Ground Water	09/19/22 13:33	09/21/22 09:55
410-98881-2	GW2H22-MW-302-130	Ground Water	09/19/22 13:50	09/21/22 09:55
410-98881-3	GW2H22-MW-303-125	Ground Water	09/19/22 14:08	09/21/22 09:55
410-98881-4	GW2H22-MW-304-123	Ground Water	09/19/22 14:28	09/21/22 09:55
410-98881-5	EB-09-19-22-6	Ground Water	09/19/22 13:25	09/21/22 09:55
410-98881-6	TB-09-19-22-6	Ground Water	09/19/22 13:22	09/21/22 09:55

LC

Chain of Custody Record

eurofins Environment Testing America

410-98881 Chain of Custody

Sampler: Blaskin NETCOTT	Lab PM: Sachtleben, Kerri	Carrier Tracking No(s):	COC No: 410-19207-6779.1
Phone: 231-215-3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	State of Origin: MI	Page: Page of
Company: The Chemours Company FC, LLC	PWSID:		Job #:

Dyana Sagges

Address: 6270 Wilkes Road	Due Date Requested:
City: Montague	TAT Requested (days): Standard
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No
Phone: 302-781-6103(Tel)	PO #: 9901434019
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046
Project Name: GW MONITORING 2H22	Project #: 41000767
Site: MTG	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A		
GW2H22-MW-301-125	9-19-22	1333	G	Water		X		
GW2H22-MW-302-130	9-19-22	1350	G	Water		X		
GW2H22-MW-303-125	9-19-22	1408	G	Water		X		
GW2H22-MW-304-123	9-19-22	1428	G	Water		X		
EB-09-19-22-6	9-19-22	1325	G	Water		X		
TB-09-19-22-6	9-19-22	1322	G	Water		X		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Edwin Hernandez	9/14/22 1412		Brian Kon	9-16-22 1600	AECOM
Dya Cln	9-20-22 1600	AECOM			
				9/21/22 0955	ELAT

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.5

Ver: 01/16/2019

CL

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-98881-1

Login Number: 98881
List Number: 1
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-98882-1
Client Project/Site: GW MONITORING 2H22

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Authorized for release by:
10/3/2022 12:49:11 PM

Kerri Sachtleben, Client Services Group Leader
(717)556-7376
Kerri.Sachtleben@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Kerri Sachtleben
Client Services Group Leader
10/3/2022 12:49:11 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 12
QC Sample Results 13
QC Association Summary 15
Lab Chronicle 16
Certification Summary 18
Method Summary 19
Sample Summary 20
Chain of Custody 21
Receipt Checklists 22

Definitions/Glossary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-98882-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-98882-1

Receipt
The samples were received on 9/21/2022 10:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-001-080 — Lab Sample ID: 410-98882-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.54	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-LSD-001-130 — Lab Sample ID: 410-98882-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.39	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	52		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	12		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	2.8		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-LSD-001-130-D — Lab Sample ID: 410-98882-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.39	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	56		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	14		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	3.0		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-LSD-002-080 — Lab Sample ID: 410-98882-4

No Detections.

Client Sample ID: GW2H22-LSD-002-127 — Lab Sample ID: 410-98882-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.64	J	1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	0.55	J	1.0	0.30	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	170		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	8.1		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	3.0		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-LSD-003-080 — Lab Sample ID: 410-98882-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.66	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	0.50	J	10	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-LSD-003-124 — Lab Sample ID: 410-98882-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	6.4	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.85	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: EB-09-19-22-1 — Lab Sample ID: 410-98882-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.82	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: TB-09-19-22-1 — Lab Sample ID: 410-98882-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-001-080

Lab Sample ID: 410-98882-1

Date Collected: 09/19/22 09:10
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:01	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:01	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 17:01	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Tetrachloroethene	**0.54**	**J**	1.0	0.30	ug/L			09/30/22 17:01	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:01	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:01	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 120*		*09/30/22 17:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/30/22 17:01*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*09/30/22 17:01*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*09/30/22 17:01*	*1*

Client Sample ID: GW2H22-LSD-001-130

Lab Sample ID: 410-98882-2

Date Collected: 09/19/22 09:14
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 16:01	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
cis-1,2-Dichloroethene	**0.39**	**J**	1.0	0.30	ug/L			09/30/22 16:01	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 16:01	1
Freon 113	**52**		10	0.30	ug/L			09/30/22 16:01	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 16:01	1
Tetrachloroethene	**12**		1.0	0.30	ug/L			09/30/22 16:01	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 16:01	1
Trichloroethene	**2.8**		1.0	0.30	ug/L			09/30/22 16:01	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*		*09/30/22 16:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/30/22 16:01*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*09/30/22 16:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 16:01*	*1*

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-001-130-D

Lab Sample ID: 410-98882-3

Date Collected: 09/19/22 09:14
Matrix: Ground Water
Date Received: 09/21/22 10:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:21	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
cis-1,2-Dichloroethene	**0.39**	**J**	1.0	0.30	ug/L			09/30/22 17:21	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:21	1
Freon 113	**56**		10	0.30	ug/L			09/30/22 17:21	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:21	1
Tetrachloroethene	**14**		1.0	0.30	ug/L			09/30/22 17:21	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:21	1
Trichloroethene	**3.0**		1.0	0.30	ug/L			09/30/22 17:21	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*		*09/30/22 17:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/30/22 17:21*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*09/30/22 17:21*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/30/22 17:21*	*1*

Client Sample ID: GW2H22-LSD-002-080

Lab Sample ID: 410-98882-4

Date Collected: 09/19/22 09:40
Matrix: Ground Water
Date Received: 09/21/22 10:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 17:41	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:41	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 17:41	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 17:41	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 17:41	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*09/30/22 17:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/30/22 17:41*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*09/30/22 17:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 17:41*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-002-127

Lab Sample ID: 410-98882-5

Date Collected: 09/19/22 09:42
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.64**	**J**	1.0	0.30	ug/L			09/30/22 18:01	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:01	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 18:01	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:01	1
Chloroform	**0.55**	**J**	1.0	0.30	ug/L			09/30/22 18:01	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.30	ug/L			09/30/22 18:01	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:01	1
Freon 113	**170**		10	0.30	ug/L			09/30/22 18:01	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:01	1
Tetrachloroethene	**8.1**		1.0	0.30	ug/L			09/30/22 18:01	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 18:01	1
Trichloroethene	**3.0**		1.0	0.30	ug/L			09/30/22 18:01	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*		*09/30/22 18:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*09/30/22 18:01*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*09/30/22 18:01*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/30/22 18:01*	*1*

Client Sample ID: GW2H22-LSD-003-080

Lab Sample ID: 410-98882-6

Date Collected: 09/19/22 10:00
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1
1,1-Dichloroethane	**0.66**	**J**	1.0	0.30	ug/L			09/30/22 18:21	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1
Freon 113	**0.50**	**J**	10	0.30	ug/L			09/30/22 18:21	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 18:21	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 18:21	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*		*09/30/22 18:21*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/30/22 18:21*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*09/30/22 18:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 18:21*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-003-124

Lab Sample ID: 410-98882-7

Date Collected: 09/19/22 10:03
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 18:41	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:41	1
Freon 113	**6.4**	**J**	10	0.30	ug/L			09/30/22 18:41	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Tetrachloroethene	**0.85**	**J**	1.0	0.30	ug/L			09/30/22 18:41	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 18:41	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 18:41	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*		*09/30/22 18:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*09/30/22 18:41*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*09/30/22 18:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/30/22 18:41*	*1*

Client Sample ID: EB-09-19-22-1

Lab Sample ID: 410-98882-8

Date Collected: 09/19/22 09:05
Date Received: 09/21/22 10:02

Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 14:41	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 14:41	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 14:41	1
Methylene Chloride	**0.82**	**J**	1.0	0.30	ug/L			09/30/22 14:41	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 14:41	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 14:41	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 120*		*09/30/22 14:41*	*1*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*09/30/22 14:41*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*09/30/22 14:41*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/30/22 14:41*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: TB-09-19-22-1

Lab Sample ID: 410-98882-9

Date Collected: 09/19/22 09:00

Matrix: Ground Water

Date Received: 09/21/22 10:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 15:01	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:01	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 15:01	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 15:01	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 15:01	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*		*09/30/22 15:01*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*09/30/22 15:01*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*09/30/22 15:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/30/22 15:01*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-98882-1	GW2H22-LSD-001-080	96	94	98	104
410-98882-2	GW2H22-LSD-001-130	95	94	101	100
410-98882-2 MS	GW2H22-LSD-001-130	93	104	97	102
410-98882-2 MSD	GW2H22-LSD-001-130	87	96	94	102
410-98882-3	GW2H22-LSD-001-130-D	91	96	97	103
410-98882-4	GW2H22-LSD-002-080	97	96	103	100
410-98882-5	GW2H22-LSD-002-127	90	95	105	101
410-98882-6	GW2H22-LSD-003-080	90	94	104	100
410-98882-7	GW2H22-LSD-003-124	90	94	100	100
410-98882-8	EB-09-19-22-1	87	83	96	94
410-98882-9	TB-09-19-22-1	95	96	93	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-301653/4	Lab Control Sample	88	95	97	99
MB 410-301653/6	Method Blank	89	91	94	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-301653/6
Matrix: Water
Analysis Batch: 301653

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Toluene	0.20	U	1.0	0.20	ug/L			09/30/22 11:40	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Chloroform	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 11:40	1
Freon 113	0.30	U	10	0.30	ug/L			09/30/22 11:40	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			09/30/22 11:40	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			09/30/22 11:40	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			09/30/22 11:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*80 - 120*		*09/30/22 11:40*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*09/30/22 11:40*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*09/30/22 11:40*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/30/22 11:40*	*1*

Lab Sample ID: LCS 410-301653/4
Matrix: Water
Analysis Batch: 301653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	21.0		ug/L		105	80 - 120
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	67 - 126
Toluene	20.0	20.4		ug/L		102	80 - 120
1,1-Dichloroethane	20.0	20.3		ug/L		101	80 - 120
Carbon tetrachloride	20.0	18.2		ug/L		91	64 - 134
Chloroform	20.0	19.8		ug/L		99	80 - 120
cis-1,2-Dichloroethene	20.0	22.5		ug/L		112	80 - 125
Dichlorodifluoromethane	20.0	22.4		ug/L		112	41 - 127
Freon 113	20.0	22.5		ug/L		113	73 - 139
Methylene Chloride	20.0	22.0		ug/L		110	80 - 120
Tetrachloroethene	20.0	19.9		ug/L		99	80 - 120
trans-1,2-Dichloroethene	20.0	21.3		ug/L		107	80 - 126
Trichloroethene	20.0	20.1		ug/L		101	80 - 120
Trichlorofluoromethane	20.0	20.1		ug/L		100	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-98882-2 MS
Matrix: Ground Water
Analysis Batch: 301653

Client Sample ID: GW2H22-LSD-001-130
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.30	U	20.0	20.2		ug/L		101	80 - 120
1,1,1-Trichloroethane	0.30	U	20.0	19.7		ug/L		99	67 - 126
Toluene	0.20	U	20.0	20.1		ug/L		100	80 - 120
1,1-Dichloroethane	0.30	U	20.0	18.5		ug/L		92	80 - 120
Carbon tetrachloride	0.30	U	20.0	18.3		ug/L		91	64 - 134
Chloroform	0.30	U	20.0	18.5		ug/L		93	80 - 120
cis-1,2-Dichloroethene	0.39	J	20.0	21.2		ug/L		104	80 - 125
Dichlorodifluoromethane	0.20	U	20.0	22.4		ug/L		112	41 - 127
Freon 113	52		20.0	78.9		ug/L		132	73 - 139
Methylene Chloride	0.30	U	20.0	19.9		ug/L		99	80 - 120
Tetrachloroethene	12		20.0	33.3		ug/L		104	80 - 120
trans-1,2-Dichloroethene	0.70	U	20.0	19.6		ug/L		98	80 - 126
Trichloroethene	2.8		20.0	22.8		ug/L		100	80 - 120
Trichlorofluoromethane	0.20	U	20.0	19.7		ug/L		98	55 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 410-98882-2 MSD
Matrix: Ground Water
Analysis Batch: 301653

Client Sample ID: GW2H22-LSD-001-130
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.30	U	20.0	20.2		ug/L		101	80 - 120	0	30
1,1,1-Trichloroethane	0.30	U	20.0	18.7		ug/L		93	67 - 126	5	30
Toluene	0.20	U	20.0	20.6		ug/L		103	80 - 120	3	30
1,1-Dichloroethane	0.30	U	20.0	18.6		ug/L		93	80 - 120	1	30
Carbon tetrachloride	0.30	U	20.0	17.9		ug/L		90	64 - 134	2	30
Chloroform	0.30	U	20.0	18.4		ug/L		92	80 - 120	0	30
cis-1,2-Dichloroethene	0.39	J	20.0	21.4		ug/L		105	80 - 125	1	30
Dichlorodifluoromethane	0.20	U	20.0	21.4		ug/L		107	41 - 127	5	30
Freon 113	52		20.0	76.9		ug/L		123	73 - 139	3	30
Methylene Chloride	0.30	U	20.0	19.8		ug/L		99	80 - 120	0	30
Tetrachloroethene	12		20.0	33.9		ug/L		107	80 - 120	2	30
trans-1,2-Dichloroethene	0.70	U	20.0	20.0		ug/L		100	80 - 126	2	30
Trichloroethene	2.8		20.0	22.6		ug/L		99	80 - 120	1	30
Trichlorofluoromethane	0.20	U	20.0	19.1		ug/L		96	55 - 135	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

GC/MS VOA

Analysis Batch: 301653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-98882-1	GW2H22-LSD-001-080	Total/NA	Ground Water	8260C	
410-98882-2	GW2H22-LSD-001-130	Total/NA	Ground Water	8260C	
410-98882-3	GW2H22-LSD-001-130-D	Total/NA	Ground Water	8260C	
410-98882-4	GW2H22-LSD-002-080	Total/NA	Ground Water	8260C	
410-98882-5	GW2H22-LSD-002-127	Total/NA	Ground Water	8260C	
410-98882-6	GW2H22-LSD-003-080	Total/NA	Ground Water	8260C	
410-98882-7	GW2H22-LSD-003-124	Total/NA	Ground Water	8260C	
410-98882-8	EB-09-19-22-1	Total/NA	Ground Water	8260C	
410-98882-9	TB-09-19-22-1	Total/NA	Ground Water	8260C	
MB 410-301653/6	Method Blank	Total/NA	Water	8260C	
LCS 410-301653/4	Lab Control Sample	Total/NA	Water	8260C	
410-98882-2 MS	GW2H22-LSD-001-130	Total/NA	Ground Water	8260C	
410-98882-2 MSD	GW2H22-LSD-001-130	Total/NA	Ground Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: GW2H22-LSD-001-080
Lab Sample ID: 410-98882-1
Date Collected: 09/19/22 09:10
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 17:01

Client Sample ID: GW2H22-LSD-001-130
Lab Sample ID: 410-98882-2
Date Collected: 09/19/22 09:14
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 16:01

Client Sample ID: GW2H22-LSD-001-130-D
Lab Sample ID: 410-98882-3
Date Collected: 09/19/22 09:14
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 17:21

Client Sample ID: GW2H22-LSD-002-080
Lab Sample ID: 410-98882-4
Date Collected: 09/19/22 09:40
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 17:41

Client Sample ID: GW2H22-LSD-002-127
Lab Sample ID: 410-98882-5
Date Collected: 09/19/22 09:42
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 18:01

Client Sample ID: GW2H22-LSD-003-080
Lab Sample ID: 410-98882-6
Date Collected: 09/19/22 10:00
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 18:21

Client Sample ID: GW2H22-LSD-003-124
Lab Sample ID: 410-98882-7
Date Collected: 09/19/22 10:03
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 18:41

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Client Sample ID: EB-09-19-22-1

Lab Sample ID: 410-98882-8

Date Collected: 09/19/22 09:05
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 14:41

Client Sample ID: TB-09-19-22-1

Lab Sample ID: 410-98882-9

Date Collected: 09/19/22 09:00
Matrix: Ground Water
Date Received: 09/21/22 10:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	301653	ULCP	ELLE	09/30/22 15:01

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Ground Water	1,1,1-Trichloroethane
8260C		Ground Water	1,1-Dichloroethane
8260C		Ground Water	Benzene
8260C		Ground Water	Carbon tetrachloride
8260C		Ground Water	Chloroform
8260C		Ground Water	cis-1,2-Dichloroethene
8260C		Ground Water	Dichlorodifluoromethane
8260C		Ground Water	Freon 113
8260C		Ground Water	Methylene Chloride
8260C		Ground Water	Tetrachloroethene
8260C		Ground Water	Toluene
8260C		Ground Water	trans-1,2-Dichloroethene
8260C		Ground Water	Trichloroethene
8260C		Ground Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-98882-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-98882-1	GW2H22-LSD-001-080	Ground Water	09/19/22 09:10	09/21/22 10:02
410-98882-2	GW2H22-LSD-001-130	Ground Water	09/19/22 09:14	09/21/22 10:02
410-98882-3	GW2H22-LSD-001-130-D	Ground Water	09/19/22 09:14	09/21/22 10:02
410-98882-4	GW2H22-LSD-002-080	Ground Water	09/19/22 09:40	09/21/22 10:02
410-98882-5	GW2H22-LSD-002-127	Ground Water	09/19/22 09:42	09/21/22 10:02
410-98882-6	GW2H22-LSD-003-080	Ground Water	09/19/22 10:00	09/21/22 10:02
410-98882-7	GW2H22-LSD-003-124	Ground Water	09/19/22 10:03	09/21/22 10:02
410-98882-8	EB-09-19-22-1	Ground Water	09/19/22 09:05	09/21/22 10:02
410-98882-9	TB-09-19-22-1	Ground Water	09/19/22 09:00	09/21/22 10:02

410-98882 Chain of Custody

Chain of Custody Record

eurofins Environment Testing America

Sampler: Bracken NETCOTT	Lab PM: Sachtleben, Kerri	Carrier Tracking No(s):	COC No: 410-19207-6779.1
Phone: 231-215-3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	State of Origin: MI	Page: Page of
Client Contact: Dyana Sagges			
Company: The Chemours Company FC, LLC	PWSID:		Job #:
Address: 6270 Wilkes Road	Due Date Requested:		
City: Montague	TAT Requested (days): Standard		
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No		
Phone: 302-781-6103(Tel)	PO #: 9901434019		
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046		
Project Name: GW MONITORING 2H22	Project #: 41000767		
Site: MTG	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Total Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
GW2H22-LSD-001-080	9-14-22	910	G	Water			X	3	
GW2H22-LSD-001-130	9-14-22	914	G	Water			X	3	
GW2H22-LSD-001-130	9-14-22	914	G	Water		Y	X		MS
GW2H22-LSD-001-130	9-14-22	914	G	Water		Y	X		MSD
GW2H22-LSD-001-130-D	9-14-22	914	G	Water			X	3	
GW2H22-LSD-002-080	9-14-22	940	G	Water			X	3	
GW2H22-LSD-002-127	9-14-22	942	G	Water			X	3	
GW2H22-LSD-003-080	9-14-22	1000	G	Water			X	3	
GW2H22-LSD-003-124	9-14-22	1003	G	Water			X	3	
EB-09-14 22-1	9-14-22	905	G	Water			X	3	
TB-09-14 22-1	9-14-22	900	G	Water			X	2	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by: [signature]	Date/Time: 9-14-22 13:23	Company: ELLE	Received by: Bracken	Date/Time: 9-16-22 1600	Company: AECOM
Relinquished by: B NETCOTT	Date/Time: 9-20-22 1600	Company: AECOM	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by: [signature]	Date/Time: 9-21-22 1002	Company: ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.1

Ver: 01/16/2019

10/3/2022

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-98882-1

Login Number: 98882
List Number: 1
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-99142-1
Client Project/Site: GW MONITORING 2H22
Sampling Event: MTG GW

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Abigail C. Cunningham

Authorized for release by:
10/5/2022 4:53:28 PM
Abigail Cunningham, Project Mgmt. Assistant
Abigail.Cunningham@et.eurofinsus.com

Designee for

Kerri Sachtleben, Client Services Group Leader
(717)556-7376
Kerri.Sachtleben@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Abigail C. Cunningham

Abigail Cunningham
Project Mgmt. Assistant
10/5/2022 4:53:28 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 13
QC Sample Results 14
QC Association Summary 16
Lab Chronicle 17
Certification Summary 19
Method Summary 20
Sample Summary 21
Chain of Custody 22
Receipt Checklists 23

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-99142-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-99142-1

Receipt
The samples were received on 9/23/2022 11:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 410-302768 recovered above the upper control limit for Dichlorodifluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-002-085 — Lab Sample ID: 410-99142-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.35	J cn	1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-002-145 — Lab Sample ID: 410-99142-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.0		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-003-080 — Lab Sample ID: 410-99142-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.5		1.0	0.30	ug/L	1		8260C	Total/NA
Carbon tetrachloride	95		1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	1.3		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	270		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.3		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	0.59	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-003-120 — Lab Sample ID: 410-99142-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-004-070 — Lab Sample ID: 410-99142-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.77	J	1.0	0.30	ug/L	1		8260C	Total/NA
Carbon tetrachloride	54		1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	0.72	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	140		10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	54		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	0.50	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-004-105 — Lab Sample ID: 410-99142-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	0.78	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.69	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-005-100 — Lab Sample ID: 410-99142-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	0.80	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.60	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-WLP-001-125 — Lab Sample ID: 410-99142-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	1.6	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	45		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: EB-09-21-22-2 — Lab Sample ID: 410-99142-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.30	J	1.0	0.30	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: TB-09-21-22-2

Lab Sample ID: 410-99142-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-002-085

Lab Sample ID: 410-99142-1
Date Collected: 09/21/22 09:43
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Dichlorodifluoromethane	**0.35**	**J cn**	1.0	0.20	ug/L			10/04/22 12:10	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 12:10	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 12:10	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 12:10	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:10	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 12:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 12:10*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/04/22 12:10*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/04/22 12:10*	*1*

Client Sample ID: GW2H22-WLP-002-145

Lab Sample ID: 410-99142-2
Date Collected: 09/21/22 09:44
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 12:32	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 12:32	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Tetrachloroethene	**2.0**		1.0	0.30	ug/L			10/04/22 12:32	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 12:32	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 12:32	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:32	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*10/04/22 12:32*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 12:32*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/04/22 12:32*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/04/22 12:32*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-003-080

Lab Sample ID: 410-99142-3
Date Collected: 09/21/22 10:06
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.5		1.0	0.30	ug/L			10/04/22 12:54	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 12:54	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 12:54	1
Carbon tetrachloride	95		1.0	0.30	ug/L			10/04/22 12:54	1
Chloroform	1.3		1.0	0.30	ug/L			10/04/22 12:54	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 12:54	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 12:54	1
Freon 113	270		10	0.30	ug/L			10/04/22 12:54	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 12:54	1
Tetrachloroethene	1.3		1.0	0.30	ug/L			10/04/22 12:54	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 12:54	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 12:54	1
Trichloroethene	0.59	J	1.0	0.30	ug/L			10/04/22 12:54	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/04/22 12:54*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 12:54*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/04/22 12:54*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/04/22 12:54*	*1*

Client Sample ID: GW2H22-WLP-003-120

Lab Sample ID: 410-99142-4
Date Collected: 09/21/22 10:07
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 13:16	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 13:16	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Tetrachloroethene	1.1		1.0	0.30	ug/L			10/04/22 13:16	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 13:16	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 13:16	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 13:16	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*10/04/22 13:16*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/04/22 13:16*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/04/22 13:16*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/04/22 13:16*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-004-070

Lab Sample ID: 410-99142-5
Date Collected: 09/21/22 10:27
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.77**	**J**	1.0	0.30	ug/L			10/04/22 13:38	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 13:38	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 13:38	1
Carbon tetrachloride	**54**		1.0	0.30	ug/L			10/04/22 13:38	1
Chloroform	**0.72**	**J**	1.0	0.30	ug/L			10/04/22 13:38	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 13:38	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 13:38	1
Freon 113	**140**		10	0.30	ug/L			10/04/22 13:38	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 13:38	1
Tetrachloroethene	**54**		1.0	0.30	ug/L			10/04/22 13:38	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 13:38	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 13:38	1
Trichloroethene	**0.50**	**J**	1.0	0.30	ug/L			10/04/22 13:38	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 13:38*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 13:38*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/04/22 13:38*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/04/22 13:38*	*1*

Client Sample ID: GW2H22-WLP-004-105

Lab Sample ID: 410-99142-6
Date Collected: 09/21/22 10:26
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 14:00	1
Freon 113	**0.78**	**J**	10	0.30	ug/L			10/04/22 14:00	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Tetrachloroethene	**0.69**	**J**	1.0	0.30	ug/L			10/04/22 14:00	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 14:00	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 14:00	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:00	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 14:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 14:00*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/04/22 14:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/04/22 14:00*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-005-100

Lab Sample ID: 410-99142-7
Date Collected: 09/21/22 08:53
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 14:21	1
Freon 113	**0.80**	**J**	10	0.30	ug/L			10/04/22 14:21	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Tetrachloroethene	**0.60**	**J**	1.0	0.30	ug/L			10/04/22 14:21	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 14:21	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 14:21	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:21	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*10/04/22 14:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 14:21*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/04/22 14:21*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/04/22 14:21*	*1*

Client Sample ID: GW2H22-WLP-001-125

Lab Sample ID: 410-99142-8
Date Collected: 09/21/22 09:24
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 14:43	1
Freon 113	**1.6**	**J**	10	0.30	ug/L			10/04/22 14:43	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Tetrachloroethene	**45**		1.0	0.30	ug/L			10/04/22 14:43	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 14:43	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 14:43	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:43	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*10/04/22 14:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 14:43*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/04/22 14:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/04/22 14:43*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: EB-09-21-22-2

Lab Sample ID: 410-99142-9

Date Collected: 09/21/22 08:44
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 11:26	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 11:26	1
Methylene Chloride	**0.30**	**J**	1.0	0.30	ug/L			10/04/22 11:26	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 11:26	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 11:26	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:26	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/04/22 11:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 11:26*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/04/22 11:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/04/22 11:26*	*1*

Client Sample ID: TB-09-21-22-2

Lab Sample ID: 410-99142-10

Date Collected: 09/21/22 08:50
Matrix: Ground Water
Date Received: 09/23/22 11:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Dichlorodifluoromethane	0.20	U cn	1.0	0.20	ug/L			10/04/22 11:48	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 11:48	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 11:48	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 11:48	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 11:48	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 11:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/04/22 11:48*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/04/22 11:48*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/04/22 11:48*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-99142-1	GW2H22-WLP-002-085	103	97	101	102
410-99142-2	GW2H22-WLP-002-145	105	97	103	101
410-99142-3	GW2H22-WLP-003-080	104	97	102	101
410-99142-4	GW2H22-WLP-003-120	101	98	100	102
410-99142-5	GW2H22-WLP-004-070	103	97	102	102
410-99142-6	GW2H22-WLP-004-105	103	97	102	101
410-99142-7	GW2H22-WLP-005-100	101	97	102	101
410-99142-8	GW2H22-WLP-001-125	106	97	103	99
410-99142-9	EB-09-21-22-2	102	97	102	101
410-99142-10	TB-09-21-22-2	103	98	101	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-302768/4	Lab Control Sample	100	100	101	102
LCSD 410-302768/5	Lab Control Sample Dup	100	100	101	102
MB 410-302768/7	Method Blank	102	98	103	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-302768/7
Matrix: Water
Analysis Batch: 302768

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 10:50	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 10:50	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 10:50	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 10:50	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 10:50	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/04/22 10:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/04/22 10:50*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/04/22 10:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/04/22 10:50*	*1*

Lab Sample ID: LCS 410-302768/4
Matrix: Water
Analysis Batch: 302768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	67 - 126
1,1-Dichloroethane	20.0	17.5		ug/L		88	80 - 120
Benzene	20.0	18.1		ug/L		91	80 - 120
Carbon tetrachloride	20.0	17.5		ug/L		87	64 - 134
Chloroform	20.0	18.2		ug/L		91	80 - 120
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	80 - 125
Dichlorodifluoromethane	20.0	17.0		ug/L		85	41 - 127
Freon 113	20.0	17.3		ug/L		86	73 - 139
Methylene Chloride	20.0	17.9		ug/L		89	80 - 120
Tetrachloroethene	20.0	17.4		ug/L		87	80 - 120
Toluene	20.0	18.2		ug/L		91	80 - 120
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	80 - 126
Trichloroethene	20.0	17.7		ug/L		88	80 - 120
Trichlorofluoromethane	20.0	16.0		ug/L		80	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-302768/5
Matrix: Water
Analysis Batch: 302768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.6		ug/L		93	67 - 126	3	30
1,1-Dichloroethane			20.0	18.5		ug/L		92	80 - 120	5	30
Benzene			20.0	19.3		ug/L		97	80 - 120	6	30
Carbon tetrachloride			20.0	18.7		ug/L		93	64 - 134	7	30
Chloroform			20.0	19.2		ug/L		96	80 - 120	5	30
cis-1,2-Dichloroethene			20.0	19.8		ug/L		99	80 - 125	5	30
Dichlorodifluoromethane			20.0	18.0		ug/L		90	41 - 127	6	30
Freon 113			20.0	18.3		ug/L		92	73 - 139	6	30
Methylene Chloride			20.0	18.8		ug/L		94	80 - 120	5	30
Tetrachloroethene			20.0	18.3		ug/L		92	80 - 120	5	30
Toluene			20.0	19.2		ug/L		96	80 - 120	5	30
trans-1,2-Dichloroethene			20.0	18.5		ug/L		93	80 - 126	4	30
Trichloroethene			20.0	19.2		ug/L		96	80 - 120	8	30
Trichlorofluoromethane			20.0	17.5		ug/L		87	55 - 135	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

GC/MS VOA

Analysis Batch: 302768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-99142-1	GW2H22-WLP-002-085	Total/NA	Ground Water	8260C	
410-99142-2	GW2H22-WLP-002-145	Total/NA	Ground Water	8260C	
410-99142-3	GW2H22-WLP-003-080	Total/NA	Ground Water	8260C	
410-99142-4	GW2H22-WLP-003-120	Total/NA	Ground Water	8260C	
410-99142-5	GW2H22-WLP-004-070	Total/NA	Ground Water	8260C	
410-99142-6	GW2H22-WLP-004-105	Total/NA	Ground Water	8260C	
410-99142-7	GW2H22-WLP-005-100	Total/NA	Ground Water	8260C	
410-99142-8	GW2H22-WLP-001-125	Total/NA	Ground Water	8260C	
410-99142-9	EB-09-21-22-2	Total/NA	Ground Water	8260C	
410-99142-10	TB-09-21-22-2	Total/NA	Ground Water	8260C	
MB 410-302768/7	Method Blank	Total/NA	Water	8260C	
LCS 410-302768/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-302768/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-002-085
Lab Sample ID: 410-99142-1
Date Collected: 09/21/22 09:43
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 12:10

Client Sample ID: GW2H22-WLP-002-145
Lab Sample ID: 410-99142-2
Date Collected: 09/21/22 09:44
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 12:32

Client Sample ID: GW2H22-WLP-003-080
Lab Sample ID: 410-99142-3
Date Collected: 09/21/22 10:06
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 12:54

Client Sample ID: GW2H22-WLP-003-120
Lab Sample ID: 410-99142-4
Date Collected: 09/21/22 10:07
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 13:16

Client Sample ID: GW2H22-WLP-004-070
Lab Sample ID: 410-99142-5
Date Collected: 09/21/22 10:27
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 13:38

Client Sample ID: GW2H22-WLP-004-105
Lab Sample ID: 410-99142-6
Date Collected: 09/21/22 10:26
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 14:00

Client Sample ID: GW2H22-WLP-005-100
Lab Sample ID: 410-99142-7
Date Collected: 09/21/22 08:53
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 14:21

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Client Sample ID: GW2H22-WLP-001-125

Lab Sample ID: 410-99142-8
Date Collected: 09/21/22 09:24
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 14:43

Client Sample ID: EB-09-21-22-2

Lab Sample ID: 410-99142-9
Date Collected: 09/21/22 08:44
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 11:26

Client Sample ID: TB-09-21-22-2

Lab Sample ID: 410-99142-10
Date Collected: 09/21/22 08:50
Matrix: Ground Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302768	TQ4J	ELLE	10/04/22 11:48

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Ground Water	1,1,1-Trichloroethane
8260C		Ground Water	1,1-Dichloroethane
8260C		Ground Water	Benzene
8260C		Ground Water	Carbon tetrachloride
8260C		Ground Water	Chloroform
8260C		Ground Water	cis-1,2-Dichloroethene
8260C		Ground Water	Dichlorodifluoromethane
8260C		Ground Water	Freon 113
8260C		Ground Water	Methylene Chloride
8260C		Ground Water	Tetrachloroethene
8260C		Ground Water	Toluene
8260C		Ground Water	trans-1,2-Dichloroethene
8260C		Ground Water	Trichloroethene
8260C		Ground Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99142-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-99142-1	GW2H22-WLP-002-085	Ground Water	09/21/22 09:43	09/23/22 11:11
410-99142-2	GW2H22-WLP-002-145	Ground Water	09/21/22 09:44	09/23/22 11:11
410-99142-3	GW2H22-WLP-003-080	Ground Water	09/21/22 10:06	09/23/22 11:11
410-99142-4	GW2H22-WLP-003-120	Ground Water	09/21/22 10:07	09/23/22 11:11
410-99142-5	GW2H22-WLP-004-070	Ground Water	09/21/22 10:27	09/23/22 11:11
410-99142-6	GW2H22-WLP-004-105	Ground Water	09/21/22 10:26	09/23/22 11:11
410-99142-7	GW2H22-WLP-005-100	Ground Water	09/21/22 08:53	09/23/22 11:11
410-99142-8	GW2H22-WLP-001-125	Ground Water	09/21/22 09:24	09/23/22 11:11
410-99142-9	EB-09-21-22-2	Ground Water	09/21/22 08:44	09/23/22 11:11
410-99142-10	TB-09-21-22-2	Ground Water	09/21/22 08:50	09/23/22 11:11

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

410-99142 Chain of Custody

eurofins Environment Testing America

Client Information	Sampler: Brucken	Lab PM: Sachtleben, Kerri	COC No: 10-19207-6779.1
Client Contact: Dyana Sagges	Phone: 231-215-3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	Page: Page of
Company: The Chemours Company FC, LLC	PWSID:	Analysis Requested	Job #:
Address: 6270 Wilkes Road	Due Date Requested:		Preservation Codes:
City: Montague	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No		M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Phone: 302-781-6103(Tel)	PO #: 9901434019		
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046		
Project Name: GW MONITORING 2H22	Project #: 41000767		
Site: MTG	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Y or N)	Perform MS/MSD (Y or N)	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
				Preservation Code:					
GW2H22-WLP-002-085	9-21-22	943	G	Water			X	3	
GW2H22-WLP-002-145	9-21-22	944	G	Water			X	3	
GW2H22-WLP-003-080	9-21-22	1006	G	Water			X	3	
GW2H22-WLP-003-120	9-21-22	1007	G	Water			X	3	
GW2H22-WLP-004-070	9-21-22	1027	G	Water			X	3	
GW2H22-WLP-004-105	9-21-22	1036	G	Water			X	3	
GW2H22-WLP-005-100	9-21-22	953	G	Water			X	3	
GW2H22-WLP-001-125	9-21-22	924	G	Water			X	3	
EB-09-21-22-2	9-21-22	844	G	Water			X	3	
TB-09-21-22-2	9-21-22	850	G	Water			X	2	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	9/14/22 1400		Brucken	9/22/22 1600	AECOM
Brucken	9/22/22 1600	AECOM		9/16/22	
			[signature]	9-23-22 1111	EUL

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 4.0

Ver: 01/16/2019

10/5/2022

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-99142-1

Login Number: 99142
List Number: 1
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-99207-1
Client Project/Site: GW MONITORING 2H22

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Abigail C. Cunningham

Authorized for release by:
10/4/2022 3:56:48 PM
Abigail Cunningham, Project Mgmt. Assistant
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Designee for

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LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Abigail C. Cunningham

Abigail Cunningham
Project Mgmt. Assistant
10/4/2022 3:56:48 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 13
QC Sample Results 14
QC Association Summary 16
Lab Chronicle 17
Certification Summary 19
Method Summary 20
Sample Summary 21
Chain of Custody 22
Receipt Checklists 24

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-99207-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-99207-1

Receipt
The samples were received on 9/23/2022 11:11 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-206-040 — Lab Sample ID: 410-99207-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	8.5		1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	1.0		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	1.1	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	27		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	2.5		2.0	0.70	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-2062-080 — Lab Sample ID: 410-99207-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	1.5		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	9.2	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	7.8		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-210-080 — Lab Sample ID: 410-99207-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Freon 113	5.4	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	9.5		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-210-120 — Lab Sample ID: 410-99207-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.46	J	1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	0.31	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	5.9	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.2		1.0	0.30	ug/L	1		8260C	Total/NA
Trichlorofluoromethane	2.2		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-211-060 — Lab Sample ID: 410-99207-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.51	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	0.98	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	57	F1	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-211-080 — Lab Sample ID: 410-99207-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.32	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	1.9	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	14		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-212-120 — Lab Sample ID: 410-99207-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.48	J	1.0	0.20	ug/L	1		8260C	Total/NA
Freon 113	1.1	J	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	14		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-211-060-D — Lab Sample ID: 410-99207-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.67	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	1.1	J	10	0.30	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-211-060-D (Continued) — Lab Sample ID: 410-99207-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	58		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: TB-09-20-22-4 — Lab Sample ID: 410-99207-9

No Detections.

Client Sample ID: EB-09-20-22-4 — Lab Sample ID: 410-99207-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-206-040

Lab Sample ID: 410-99207-1
Matrix: Water
Date Collected: 09/20/22 09:20
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 12:08	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
Carbon tetrachloride	**8.5**		1.0	0.30	ug/L			10/01/22 12:08	1
Chloroform	**1.0**		1.0	0.30	ug/L			10/01/22 12:08	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:08	1
Freon 113	**1.1**	**J**	10	0.30	ug/L			10/01/22 12:08	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
Tetrachloroethene	**27**		1.0	0.30	ug/L			10/01/22 12:08	1
trans-1,2-Dichloroethene	**2.5**		2.0	0.70	ug/L			10/01/22 12:08	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:08	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/01/22 12:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 12:08*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/01/22 12:08*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/01/22 12:08*	*1*

Client Sample ID: GW2H22-MW-2062-080

Lab Sample ID: 410-99207-2
Matrix: Water
Date Collected: 09/20/22 09:14
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 12:31	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
Carbon tetrachloride	**1.5**		1.0	0.30	ug/L			10/01/22 12:31	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:31	1
Freon 113	**9.2**	**J**	10	0.30	ug/L			10/01/22 12:31	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
Tetrachloroethene	**7.8**		1.0	0.30	ug/L			10/01/22 12:31	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 12:31	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:31	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/01/22 12:31*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/01/22 12:31*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/01/22 12:31*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/01/22 12:31*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-210-080

Lab Sample ID: 410-99207-3
Date Collected: 09/20/22 13:02
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 12:53	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:53	1
Freon 113	**5.4**	**J**	10	0.30	ug/L			10/01/22 12:53	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Tetrachloroethene	**9.5**		1.0	0.30	ug/L			10/01/22 12:53	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 12:53	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 12:53	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*10/01/22 12:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/01/22 12:53*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/01/22 12:53*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/01/22 12:53*	*1*

Client Sample ID: GW2H22-MW-210-120

Lab Sample ID: 410-99207-4
Date Collected: 09/20/22 13:06
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 13:15	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
Carbon tetrachloride	**0.46**	**J**	1.0	0.30	ug/L			10/01/22 13:15	1
Chloroform	**0.31**	**J**	1.0	0.30	ug/L			10/01/22 13:15	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 13:15	1
Freon 113	**5.9**	**J**	10	0.30	ug/L			10/01/22 13:15	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
Tetrachloroethene	**4.2**		1.0	0.30	ug/L			10/01/22 13:15	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 13:15	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 13:15	1
Trichlorofluoromethane	**2.2**		1.0	0.20	ug/L			10/01/22 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/01/22 13:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 13:15*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/01/22 13:15*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/01/22 13:15*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-211-060

Lab Sample ID: 410-99207-5
Date Collected: 09/20/22 13:42
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 13:37	1
Toluene	0.20	U F1	1.0	0.20	ug/L			10/01/22 13:37	1
1,1-Dichloroethane	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
Carbon tetrachloride	**0.51**	**J**	1.0	0.30	ug/L			10/01/22 13:37	1
Chloroform	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
cis-1,2-Dichloroethene	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
Dichlorodifluoromethane	0.20	U F1	1.0	0.20	ug/L			10/01/22 13:37	1
Freon 113	**0.98**	**J**	10	0.30	ug/L			10/01/22 13:37	1
Methylene Chloride	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
Tetrachloroethene	**57**	**F1**	1.0	0.30	ug/L			10/01/22 13:37	1
trans-1,2-Dichloroethene	0.70	U F1	2.0	0.70	ug/L			10/01/22 13:37	1
Trichloroethene	0.30	U F1	1.0	0.30	ug/L			10/01/22 13:37	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/01/22 13:37*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 13:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/01/22 13:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/01/22 13:37*	*1*

Client Sample ID: GW2H22-MW-211-080

Lab Sample ID: 410-99207-6
Date Collected: 09/20/22 13:36
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 14:43	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
Carbon tetrachloride	**0.32**	**J**	1.0	0.30	ug/L			10/01/22 14:43	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 14:43	1
Freon 113	**1.9**	**J**	10	0.30	ug/L			10/01/22 14:43	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
Tetrachloroethene	**14**		1.0	0.30	ug/L			10/01/22 14:43	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 14:43	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 14:43	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/01/22 14:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 14:43*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/01/22 14:43*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/01/22 14:43*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-212-120

Lab Sample ID: 410-99207-7
Date Collected: 09/20/22 09:38
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Toluene	**0.48**	**J**	1.0	0.20	ug/L			10/01/22 15:05	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 15:05	1
Freon 113	**1.1**	**J**	10	0.30	ug/L			10/01/22 15:05	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Tetrachloroethene	**14**		1.0	0.30	ug/L			10/01/22 15:05	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 15:05	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 15:05	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/01/22 15:05*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 15:05*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*10/01/22 15:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/01/22 15:05*	*1*

Client Sample ID: GW2H22-MW-211-060-D

Lab Sample ID: 410-99207-8
Date Collected: 09/20/22 13:42
Matrix: Water
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 15:27	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
Carbon tetrachloride	**0.67**	**J**	1.0	0.30	ug/L			10/01/22 15:27	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 15:27	1
Freon 113	**1.1**	**J**	10	0.30	ug/L			10/01/22 15:27	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
Tetrachloroethene	**58**		1.0	0.30	ug/L			10/01/22 15:27	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 15:27	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 15:27	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/01/22 15:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/01/22 15:27*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/01/22 15:27*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/01/22 15:27*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: TB-09-20-22-4

Lab Sample ID: 410-99207-9
Matrix: Water
Date Collected: 09/20/22 09:25
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 11:25	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 11:25	1
Freon 113	0.30	U	10	0.30	ug/L			10/01/22 11:25	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 11:25	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:25	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*10/01/22 11:25*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 11:25*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/01/22 11:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/01/22 11:25*	*1*

Client Sample ID: EB-09-20-22-4

Lab Sample ID: 410-99207-10
Matrix: Water
Date Collected: 09/20/22 09:30
Date Received: 09/23/22 11:11

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 11:46	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 11:46	1
Freon 113	0.30	U	10	0.30	ug/L			10/01/22 11:46	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 11:46	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 11:46	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/01/22 11:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/01/22 11:46*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/01/22 11:46*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/01/22 11:46*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	**Client Sample ID**	**(80-120)**	**(80-120)**	**(80-120)**	**(80-120)**
410-99207-1	GW2H22-MW-206-040	102	97	103	101
410-99207-2	GW2H22-MW-2062-080	104	96	101	100
410-99207-3	GW2H22-MW-210-080	101	98	102	102
410-99207-4	GW2H22-MW-210-120	102	97	101	101
410-99207-5	GW2H22-MW-211-060	103	97	100	101
410-99207-5 MS	GW2H22-MW-211-060	102	99	102	102
410-99207-5 MSD	GW2H22-MW-211-060	104	100	102	102
410-99207-6	GW2H22-MW-211-080	103	97	101	102
410-99207-7	GW2H22-MW-212-120	102	97	104	101
410-99207-8	GW2H22-MW-211-060-D	104	98	103	101
410-99207-9	TB-09-20-22-4	102	97	100	103
410-99207-10	EB-09-20-22-4	103	98	102	100
LCS 410-302063/4	Lab Control Sample	101	99	102	101
MB 410-302063/6	Method Blank	101	97	101	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-302063/6
Matrix: Water
Analysis Batch: 302063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Toluene	0.20	U	1.0	0.20	ug/L			10/01/22 10:47	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 10:47	1
Freon 113	0.30	U	10	0.30	ug/L			10/01/22 10:47	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/01/22 10:47	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/01/22 10:47	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/01/22 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*10/01/22 10:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/01/22 10:47*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/01/22 10:47*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/01/22 10:47*	*1*

Lab Sample ID: LCS 410-302063/4
Matrix: Water
Analysis Batch: 302063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	17.6		ug/L		88	80 - 120
1,1,1-Trichloroethane	20.0	17.3		ug/L		87	67 - 126
Toluene	20.0	17.7		ug/L		89	80 - 120
1,1-Dichloroethane	20.0	17.0		ug/L		85	80 - 120
Carbon tetrachloride	20.0	16.9		ug/L		85	64 - 134
Chloroform	20.0	17.6		ug/L		88	80 - 120
cis-1,2-Dichloroethene	20.0	18.2		ug/L		91	80 - 125
Dichlorodifluoromethane	20.0	14.4		ug/L		72	41 - 127
Freon 113	20.0	16.1		ug/L		81	73 - 139
Methylene Chloride	20.0	17.4		ug/L		87	80 - 120
Tetrachloroethene	20.0	17.3		ug/L		87	80 - 120
trans-1,2-Dichloroethene	20.0	17.4		ug/L		87	80 - 126
Trichloroethene	20.0	17.3		ug/L		86	80 - 120
Trichlorofluoromethane	20.0	15.5		ug/L		78	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-99207-5 MS
Matrix: Water
Analysis Batch: 302063

Client Sample ID: GW2H22-MW-211-060
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.30	U F1	20.0	14.6	F1	ug/L		73	80 - 120
1,1,1-Trichloroethane	0.30	U	20.0	14.9		ug/L		74	67 - 126
Toluene	0.20	U F1	20.0	14.8	F1	ug/L		74	80 - 120
1,1-Dichloroethane	0.30	U F1	20.0	13.9	F1	ug/L		69	80 - 120
Carbon tetrachloride	0.51	J	20.0	16.0		ug/L		77	64 - 134
Chloroform	0.30	U F1	20.0	14.4	F1	ug/L		72	80 - 120
cis-1,2-Dichloroethene	0.30	U F1	20.0	14.8	F1	ug/L		74	80 - 125
Dichlorodifluoromethane	0.20	U F1	20.0	23.4		ug/L		117	41 - 127
Freon 113	0.98	J	20.0	17.3		ug/L		81	73 - 139
Methylene Chloride	0.30	U F1	20.0	14.2	F1	ug/L		71	80 - 120
Tetrachloroethene	57	F1	20.0	70.9	F1	ug/L		69	80 - 120
trans-1,2-Dichloroethene	0.70	U F1	20.0	14.6	F1	ug/L		73	80 - 126
Trichloroethene	0.30	U F1	20.0	14.8	F1	ug/L		74	80 - 120
Trichlorofluoromethane	0.20	U	20.0	20.2		ug/L		101	55 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 410-99207-5 MSD
Matrix: Water
Analysis Batch: 302063

Client Sample ID: GW2H22-MW-211-060
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.30	U F1	20.0	17.2		ug/L		86	80 - 120	16	30
1,1,1-Trichloroethane	0.30	U	20.0	17.5		ug/L		87	67 - 126	16	30
Toluene	0.20	U F1	20.0	16.9		ug/L		85	80 - 120	13	30
1,1-Dichloroethane	0.30	U F1	20.0	16.6		ug/L		83	80 - 120	18	30
Carbon tetrachloride	0.51	J	20.0	18.4		ug/L		89	64 - 134	14	30
Chloroform	0.30	U F1	20.0	17.2		ug/L		86	80 - 120	17	30
cis-1,2-Dichloroethene	0.30	U F1	20.0	17.3		ug/L		87	80 - 125	15	30
Dichlorodifluoromethane	0.20	U F1	20.0	25.8	F1	ug/L		129	41 - 127	10	30
Freon 113	0.98	J	20.0	20.1		ug/L		96	73 - 139	15	30
Methylene Chloride	0.30	U F1	20.0	16.6		ug/L		83	80 - 120	16	30
Tetrachloroethene	57	F1	20.0	74.1		ug/L		85	80 - 120	4	30
trans-1,2-Dichloroethene	0.70	U F1	20.0	17.0		ug/L		85	80 - 126	15	30
Trichloroethene	0.30	U F1	20.0	17.0		ug/L		85	80 - 120	14	30
Trichlorofluoromethane	0.20	U	20.0	21.1		ug/L		106	55 - 135	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

GC/MS VOA

Analysis Batch: 302063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-99207-1	GW2H22-MW-206-040	Total/NA	Water	8260C	
410-99207-2	GW2H22-MW-2062-080	Total/NA	Water	8260C	
410-99207-3	GW2H22-MW-210-080	Total/NA	Water	8260C	
410-99207-4	GW2H22-MW-210-120	Total/NA	Water	8260C	
410-99207-5	GW2H22-MW-211-060	Total/NA	Water	8260C	
410-99207-6	GW2H22-MW-211-080	Total/NA	Water	8260C	
410-99207-7	GW2H22-MW-212-120	Total/NA	Water	8260C	
410-99207-8	GW2H22-MW-211-060-D	Total/NA	Water	8260C	
410-99207-9	TB-09-20-22-4	Total/NA	Water	8260C	
410-99207-10	EB-09-20-22-4	Total/NA	Water	8260C	
MB 410-302063/6	Method Blank	Total/NA	Water	8260C	
LCS 410-302063/4	Lab Control Sample	Total/NA	Water	8260C	
410-99207-5 MS	GW2H22-MW-211-060	Total/NA	Water	8260C	
410-99207-5 MSD	GW2H22-MW-211-060	Total/NA	Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-206-040 — Lab Sample ID: 410-99207-1

Date Collected: 09/20/22 09:20 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 12:08

Client Sample ID: GW2H22-MW-2062-080 — Lab Sample ID: 410-99207-2

Date Collected: 09/20/22 09:14 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 12:31

Client Sample ID: GW2H22-MW-210-080 — Lab Sample ID: 410-99207-3

Date Collected: 09/20/22 13:02 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 12:53

Client Sample ID: GW2H22-MW-210-120 — Lab Sample ID: 410-99207-4

Date Collected: 09/20/22 13:06 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 13:15

Client Sample ID: GW2H22-MW-211-060 — Lab Sample ID: 410-99207-5

Date Collected: 09/20/22 13:42 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 13:37

Client Sample ID: GW2H22-MW-211-080 — Lab Sample ID: 410-99207-6

Date Collected: 09/20/22 13:36 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 14:43

Client Sample ID: GW2H22-MW-212-120 — Lab Sample ID: 410-99207-7

Date Collected: 09/20/22 09:38 — **Matrix: Water**
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 15:05

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Client Sample ID: GW2H22-MW-211-060-D

Lab Sample ID: 410-99207-8
Date Collected: 09/20/22 13:42
Matrix: Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 15:27

Client Sample ID: TB-09-20-22-4

Lab Sample ID: 410-99207-9
Date Collected: 09/20/22 09:25
Matrix: Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 11:25

Client Sample ID: EB-09-20-22-4

Lab Sample ID: 410-99207-10
Date Collected: 09/20/22 09:30
Matrix: Water
Date Received: 09/23/22 11:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302063	TQ4J	ELLE	10/01/22 11:46

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,1,1-Trichloroethane
8260C		Water	1,1-Dichloroethane
8260C		Water	Benzene
8260C		Water	Carbon tetrachloride
8260C		Water	Chloroform
8260C		Water	cis-1,2-Dichloroethene
8260C		Water	Dichlorodifluoromethane
8260C		Water	Freon 113
8260C		Water	Methylene Chloride
8260C		Water	Tetrachloroethene
8260C		Water	Toluene
8260C		Water	trans-1,2-Dichloroethene
8260C		Water	Trichloroethene
8260C		Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99207-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-99207-1	GW2H22-MW-206-040	Water	09/20/22 09:20	09/23/22 11:11
410-99207-2	GW2H22-MW-2062-080	Water	09/20/22 09:14	09/23/22 11:11
410-99207-3	GW2H22-MW-210-080	Water	09/20/22 13:02	09/23/22 11:11
410-99207-4	GW2H22-MW-210-120	Water	09/20/22 13:06	09/23/22 11:11
410-99207-5	GW2H22-MW-211-060	Water	09/20/22 13:42	09/23/22 11:11
410-99207-6	GW2H22-MW-211-080	Water	09/20/22 13:36	09/23/22 11:11
410-99207-7	GW2H22-MW-212-120	Water	09/20/22 09:38	09/23/22 11:11
410-99207-8	GW2H22-MW-211-060-D	Water	09/20/22 13:42	09/23/22 11:11
410-99207-9	TB-09-20-22-4	Water	09/20/22 09:25	09/23/22 11:11
410-99207-10	EB-09-20-22-4	Water	09/20/22 09:30	09/23/22 11:11

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

410-99207 Chain of Custody

Client Information	Sampler: Bracken	Lab PM: Sachtleben, Kerri	
Client Contact: Dyana Sagges	Phone: 231-215-3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	MI
Company: The Chemours Company FC, LLC	PWSID:		Job #:
Address: 6270 Wilkes Road	Due Date Requested:		
City: Montague	TAT Requested (days): Standard		
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No		
Phone: 302-781-6103(Tel)	PO #: 9901434019		
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046		
Project Name: GW MONITORING 2H22	Project #: 41000767		
Site: MTG	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	MS/MSD (Yes or No)	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
				Preservation Code:			X	1	
GW2H22-MW-206-040	9-20-22	920	G	Water			X	3	
GW2H22-MW-206-080	9-20-22	914	G	Water			X	3	
GW2H22-MW-210-080	9-20-22	1300	G	Water			X	3	
GW2H22-MW-210-120	9-20-22	1306	G	Water			X	3	
GW2H22-MW-211-060	9-20-22	1342	G	Water			X	3	
GW2H22-MW-211-080	9-20-22	1336	G	Water			X	3	
GW2H22-MW-212-120	9-20-22	939	G	Water			X	3	
GW2H22-MW-211-060-D	9-20-22	1342	G	Water			X	3	
GW2H22-MW-211-060	9-20-22	1342	G	Water		Y	X	3	MS
GW2H22-MW-211-060	9-20-22	1342	G	Water		Y	X		MSD
SEE Back For TRIP & Blank	9-20-22		G						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Edwin Hernandez	9/14/22 1450		Bracken	9/16/22 1600	AECOM
Bracken	9/22/22 1600	AECOM			
				9/23/22 1111	ET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.5

Ver: 01/16/2019

10/4/2022

TRip -	TB-09-20-22-4	9-20-24	925	Grab
		9-20-24	930	Grab
Blank -	EB-09-20-22-4			

90,207
19

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-99207-1

Login Number: 99207
List Number: 1
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-99246-1
Client Project/Site: GW MONITORING 2H22

For:
The Chemours Company FC, LLC
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Dyana Sagges

Authorized for release by:
10/12/2022 7:54:32 AM

Kerri Sachtleben, Client Services Group Leader
(717)556-7376
Kerri.Sachtleben@et.eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Kerri Sachtleben
Client Services Group Leader
10/12/2022 7:54:32 AM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 12
QC Sample Results 13
QC Association Summary 16
Lab Chronicle 17
Certification Summary 19
Method Summary 20
Sample Summary 21
Chain of Custody 22
Receipt Checklists 23

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-99246-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-99246-1

Receipt
The samples were received on 9/23/2022 12:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C

Receipt Exceptions
One or more containers for the following sample was received broken or leaking: EB-09-21-22-3 (410-99246-8).
1 VOA Vial 40ml HCL

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 410-302921 recovered above the upper control limit for Carbon tetrachloride and Freon 113. Non-detections of the affected analytes are reported. Any detections are considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: GW2H22-MW-208-020 — Lab Sample ID: 410-99246-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.30	J	1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	3.4	J cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	5.2		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-MW-250-054 — Lab Sample ID: 410-99246-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.33	J	1.0	0.30	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.59	J	1.0	0.30	ug/L	1		8260C	Total/NA
Chloroform	0.59	J	1.0	0.30	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.30	ug/L	1		8260C	Total/NA
Freon 113	30	cn	10	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	59		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	20		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-PCL-006-077 — Lab Sample ID: 410-99246-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: GW2H22-PCL-007-070 — Lab Sample ID: 410-99246-4

No Detections.

Client Sample ID: GW2H22-PCL-007-094 — Lab Sample ID: 410-99246-5

No Detections.

Client Sample ID: GW2H22-PCL-007-094-D — Lab Sample ID: 410-99246-6

No Detections.

Client Sample ID: GW2H22-PCL-007-112 — Lab Sample ID: 410-99246-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.73	J	1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: EB-09-21-22-3 — Lab Sample ID: 410-99246-8

No Detections.

Client Sample ID: TB-09-21-22-3 — Lab Sample ID: 410-99246-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GW2H22-MW-208-020

Lab Sample ID: 410-99246-1

Date Collected: 09/21/22 14:10

Matrix: Water

Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
1,1,1-Trichloroethane	**0.30**	**J**	1.0	0.30	ug/L			10/04/22 16:25	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 16:25	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 16:25	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 16:25	1
Freon 113	**3.4**	**J cn**	10	0.30	ug/L			10/04/22 16:25	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
Tetrachloroethene	**5.2**		1.0	0.30	ug/L			10/04/22 16:25	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 16:25	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 16:25	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/04/22 16:25*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/04/22 16:25*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*10/04/22 16:25*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/04/22 16:25*	*1*

Client Sample ID: GW2H22-MW-250-054

Lab Sample ID: 410-99246-2

Date Collected: 09/21/22 13:50

Matrix: Water

Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.33**	**J**	1.0	0.30	ug/L			10/04/22 16:51	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 16:51	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 16:51	1
1,1-Dichloroethane	**0.59**	**J**	1.0	0.30	ug/L			10/04/22 16:51	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 16:51	1
Chloroform	**0.59**	**J**	1.0	0.30	ug/L			10/04/22 16:51	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.30	ug/L			10/04/22 16:51	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 16:51	1
Freon 113	**30**	**cn**	10	0.30	ug/L			10/04/22 16:51	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 16:51	1
Tetrachloroethene	**59**		1.0	0.30	ug/L			10/04/22 16:51	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 16:51	1
Trichloroethene	**20**		1.0	0.30	ug/L			10/04/22 16:51	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 16:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 16:51*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*10/04/22 16:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/04/22 16:51*	*1*

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: GW2H22-PCL-006-077

Lab Sample ID: 410-99246-3

Date Collected: 09/21/22 14:07
Matrix: Water
Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 17:17	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 17:17	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 17:17	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 17:17	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
Tetrachloroethene	**1.2**		1.0	0.30	ug/L			10/04/22 17:17	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 17:17	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 17:17	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 17:17*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 17:17*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/04/22 17:17*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/04/22 17:17*	*1*

Client Sample ID: GW2H22-PCL-007-070

Lab Sample ID: 410-99246-4

Date Collected: 09/21/22 10:55
Matrix: Water
Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 17:43	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 17:43	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 17:43	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 17:43	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 17:43	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 17:43	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/04/22 17:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/04/22 17:43*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/04/22 17:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/04/22 17:43*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: GW2H22-PCL-007-094

Lab Sample ID: 410-99246-5

Date Collected: 09/21/22 11:12
Matrix: Water
Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 18:09	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 18:09	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 18:09	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 18:09	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 18:09	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 18:09	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 18:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/04/22 18:09*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/04/22 18:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/04/22 18:09*	*1*

Client Sample ID: GW2H22-PCL-007-094-D

Lab Sample ID: 410-99246-6

Date Collected: 09/21/22 11:12
Matrix: Water
Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 19:27	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 19:27	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 19:27	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 19:27	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 19:27	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 19:27	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*10/04/22 19:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/04/22 19:27*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/04/22 19:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/04/22 19:27*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: GW2H22-PCL-007-112

Lab Sample ID: 410-99246-7

Date Collected: 09/21/22 11:10
Date Received: 09/23/22 12:11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 19:53	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 19:53	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 19:53	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 19:53	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
Tetrachloroethene	**0.73**	**J**	1.0	0.30	ug/L			10/04/22 19:53	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 19:53	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 19:53	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/04/22 19:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*10/04/22 19:53*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/04/22 19:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/04/22 19:53*	*1*

Client Sample ID: EB-09-21-22-3

Lab Sample ID: 410-99246-8

Date Collected: 09/21/22 11:00
Date Received: 09/23/22 12:11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 15:33	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 15:33	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 15:33	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 15:33	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 15:33	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:33	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*10/04/22 15:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/04/22 15:33*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/04/22 15:33*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/04/22 15:33*	*1*

Client Sample Results

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: TB-09-21-22-3

Lab Sample ID: 410-99246-9

Date Collected: 09/21/22 11:05

Matrix: Water

Date Received: 09/23/22 12:11

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 15:59	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
Carbon tetrachloride	0.30	U cn	1.0	0.30	ug/L			10/04/22 15:59	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 15:59	1
Freon 113	0.30	U cn	10	0.30	ug/L			10/04/22 15:59	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 15:59	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 15:59	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*10/04/22 15:59*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/04/22 15:59*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/04/22 15:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/04/22 15:59*	*1*

Surrogate Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-99246-1	GW2H22-MW-208-020	104	98	106	98
410-99246-2	GW2H22-MW-250-054	103	97	106	98
410-99246-3	GW2H22-PCL-006-077	103	97	105	98
410-99246-4	GW2H22-PCL-007-070	104	99	105	100
410-99246-5	GW2H22-PCL-007-094	103	99	103	99
410-99246-5 MS	GW2H22-PCL-007-094	95	99	103	101
410-99246-5 MSD	GW2H22-PCL-007-094	104	98	108	100
410-99246-6	GW2H22-PCL-007-094-D	103	99	105	100
410-99246-7	GW2H22-PCL-007-112	104	98	105	99
410-99246-8	EB-09-21-22-3	104	97	105	99
410-99246-9	TB-09-21-22-3	97	96	103	100
LCS 410-302921/4	Lab Control Sample	108	99	109	99
LCSD 410-302921/5	Lab Control Sample Dup	102	97	108	98
MB 410-302921/7	Method Blank	105	99	106	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-302921/7
Matrix: Water
Analysis Batch: 302921

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
1,1,1-Trichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Toluene	0.20	U	1.0	0.20	ug/L			10/04/22 14:41	1
1,1-Dichloroethane	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Chloroform	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
cis-1,2-Dichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Dichlorodifluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 14:41	1
Freon 113	0.30	U	10	0.30	ug/L			10/04/22 14:41	1
Methylene Chloride	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Tetrachloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
trans-1,2-Dichloroethene	0.70	U	2.0	0.70	ug/L			10/04/22 14:41	1
Trichloroethene	0.30	U	1.0	0.30	ug/L			10/04/22 14:41	1
Trichlorofluoromethane	0.20	U	1.0	0.20	ug/L			10/04/22 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*10/04/22 14:41*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*10/04/22 14:41*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*10/04/22 14:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/04/22 14:41*	*1*

Lab Sample ID: LCS 410-302921/4
Matrix: Water
Analysis Batch: 302921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	20.0		ug/L		100	80 - 120
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	67 - 126
Toluene	20.0	19.4		ug/L		97	80 - 120
1,1-Dichloroethane	20.0	19.8		ug/L		99	80 - 120
Carbon tetrachloride	20.0	21.6		ug/L		108	64 - 134
Chloroform	20.0	19.7		ug/L		99	80 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	80 - 125
Dichlorodifluoromethane	20.0	16.9		ug/L		84	41 - 127
Freon 113	20.0	20.6		ug/L		103	73 - 139
Methylene Chloride	20.0	20.4		ug/L		102	80 - 120
Tetrachloroethene	20.0	19.1		ug/L		96	80 - 120
trans-1,2-Dichloroethene	20.0	19.9		ug/L		99	80 - 126
Trichloroethene	20.0	18.6		ug/L		93	80 - 120
Trichlorofluoromethane	20.0	19.5		ug/L		98	55 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-302921/5
Matrix: Water
Analysis Batch: 302921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	19.7		ug/L		99	80 - 120	2	30
1,1,1-Trichloroethane			20.0	19.7		ug/L		99	67 - 126	5	30
Toluene			20.0	19.0		ug/L		95	80 - 120	2	30
1,1-Dichloroethane			20.0	19.4		ug/L		97	80 - 120	2	30
Carbon tetrachloride			20.0	20.9		ug/L		104	64 - 134	4	30
Chloroform			20.0	19.5		ug/L		97	80 - 120	1	30
cis-1,2-Dichloroethene			20.0	20.5		ug/L		102	80 - 125	3	30
Dichlorodifluoromethane			20.0	16.9		ug/L		84	41 - 127	0	30
Freon 113			20.0	20.3		ug/L		101	73 - 139	2	30
Methylene Chloride			20.0	20.4		ug/L		102	80 - 120	0	30
Tetrachloroethene			20.0	18.6		ug/L		93	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.6		ug/L		98	80 - 126	1	30
Trichloroethene			20.0	18.2		ug/L		91	80 - 120	2	30
Trichlorofluoromethane			20.0	19.0		ug/L		95	55 - 135	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 410-99246-5 MS
Matrix: Water
Analysis Batch: 302921

Client Sample ID: GW2H22-PCL-007-094
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.30	U	20.0	22.9		ug/L		114	80 - 120		
1,1,1-Trichloroethane	0.30	U	20.0	24.0		ug/L		120	67 - 126		
Toluene	0.20	U	20.0	22.9		ug/L		114	80 - 120		
1,1-Dichloroethane	0.30	U	20.0	22.2		ug/L		111	80 - 120		
Carbon tetrachloride	0.30	U cn	20.0	26.0		ug/L		130	64 - 134		
Chloroform	0.30	U	20.0	21.6		ug/L		108	80 - 120		
cis-1,2-Dichloroethene	0.30	U	20.0	22.6		ug/L		113	80 - 125		
Dichlorodifluoromethane	0.20	U	20.0	22.9		ug/L		114	41 - 127		
Freon 113	0.30	U cn	20.0	26.6		ug/L		133	73 - 139		
Methylene Chloride	0.30	U	20.0	21.4		ug/L		107	80 - 120		
Tetrachloroethene	0.30	U	20.0	23.3		ug/L		117	80 - 120		
trans-1,2-Dichloroethene	0.70	U	20.0	23.1		ug/L		116	80 - 126		
Trichloroethene	0.30	U	20.0	21.9		ug/L		110	80 - 120		
Trichlorofluoromethane	0.20	U	20.0	24.0		ug/L		120	55 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-99246-5 MSD
Matrix: Water
Analysis Batch: 302921

Client Sample ID: GW2H22-PCL-007-094
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.30	U	20.0	23.0		ug/L		115	80 - 120	1	30
1,1,1-Trichloroethane	0.30	U	20.0	24.2		ug/L		121	67 - 126	1	30
Toluene	0.20	U	20.0	22.9		ug/L		114	80 - 120	0	30
1,1-Dichloroethane	0.30	U	20.0	22.6		ug/L		113	80 - 120	2	30
Carbon tetrachloride	0.30	U cn	20.0	26.0		ug/L		130	64 - 134	0	30
Chloroform	0.30	U	20.0	22.7		ug/L		113	80 - 120	5	30
cis-1,2-Dichloroethene	0.30	U	20.0	23.8		ug/L		119	80 - 125	5	30
Dichlorodifluoromethane	0.20	U	20.0	22.8		ug/L		114	41 - 127	1	30
Freon 113	0.30	U cn	20.0	25.4		ug/L		127	73 - 139	5	30
Methylene Chloride	0.30	U	20.0	22.9		ug/L		115	80 - 120	7	30
Tetrachloroethene	0.30	U	20.0	22.7		ug/L		114	80 - 120	3	30
trans-1,2-Dichloroethene	0.70	U	20.0	23.4		ug/L		117	80 - 126	1	30
Trichloroethene	0.30	U	20.0	21.7		ug/L		109	80 - 120	1	30
Trichlorofluoromethane	0.20	U	20.0	23.8		ug/L		119	55 - 135	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*108*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Association Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

GC/MS VOA

Analysis Batch: 302921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-99246-1	GW2H22-MW-208-020	Total/NA	Water	8260C	
410-99246-2	GW2H22-MW-250-054	Total/NA	Water	8260C	
410-99246-3	GW2H22-PCL-006-077	Total/NA	Water	8260C	
410-99246-4	GW2H22-PCL-007-070	Total/NA	Water	8260C	
410-99246-5	GW2H22-PCL-007-094	Total/NA	Water	8260C	
410-99246-6	GW2H22-PCL-007-094-D	Total/NA	Water	8260C	
410-99246-7	GW2H22-PCL-007-112	Total/NA	Water	8260C	
410-99246-8	EB-09-21-22-3	Total/NA	Water	8260C	
410-99246-9	TB-09-21-22-3	Total/NA	Water	8260C	
MB 410-302921/7	Method Blank	Total/NA	Water	8260C	
LCS 410-302921/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-302921/5	Lab Control Sample Dup	Total/NA	Water	8260C	
410-99246-5 MS	GW2H22-PCL-007-094	Total/NA	Water	8260C	
410-99246-5 MSD	GW2H22-PCL-007-094	Total/NA	Water	8260C	

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: GW2H22-MW-208-020 — Lab Sample ID: 410-99246-1

Date Collected: 09/21/22 14:10 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 16:25

Client Sample ID: GW2H22-MW-250-054 — Lab Sample ID: 410-99246-2

Date Collected: 09/21/22 13:50 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 16:51

Client Sample ID: GW2H22-PCL-006-077 — Lab Sample ID: 410-99246-3

Date Collected: 09/21/22 14:07 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 17:17

Client Sample ID: GW2H22-PCL-007-070 — Lab Sample ID: 410-99246-4

Date Collected: 09/21/22 10:55 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 17:43

Client Sample ID: GW2H22-PCL-007-094 — Lab Sample ID: 410-99246-5

Date Collected: 09/21/22 11:12 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 18:09

Client Sample ID: GW2H22-PCL-007-094-D — Lab Sample ID: 410-99246-6

Date Collected: 09/21/22 11:12 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 19:27

Client Sample ID: GW2H22-PCL-007-112 — Lab Sample ID: 410-99246-7

Date Collected: 09/21/22 11:10 — **Matrix: Water**
Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 19:53

Lab Chronicle

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Client Sample ID: EB-09-21-22-3

Lab Sample ID: 410-99246-8

Date Collected: 09/21/22 11:00

Matrix: Water

Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 15:33

Client Sample ID: TB-09-21-22-3

Lab Sample ID: 410-99246-9

Date Collected: 09/21/22 11:05

Matrix: Water

Date Received: 09/23/22 12:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	302921	TQ4J	ELLE	10/04/22 15:59

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Michigan	State	9930	01-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,1,1-Trichloroethane
8260C		Water	1,1-Dichloroethane
8260C		Water	Benzene
8260C		Water	Carbon tetrachloride
8260C		Water	Chloroform
8260C		Water	cis-1,2-Dichloroethene
8260C		Water	Dichlorodifluoromethane
8260C		Water	Freon 113
8260C		Water	Methylene Chloride
8260C		Water	Tetrachloroethene
8260C		Water	Toluene
8260C		Water	trans-1,2-Dichloroethene
8260C		Water	Trichloroethene
8260C		Water	Trichlorofluoromethane

Method Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: The Chemours Company FC, LLC
Project/Site: GW MONITORING 2H22

Job ID: 410-99246-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-99246-1	GW2H22-MW-208-020	Water	09/21/22 14:10	09/23/22 12:11
410-99246-2	GW2H22-MW-250-054	Water	09/21/22 13:50	09/23/22 12:11
410-99246-3	GW2H22-PCL-006-077	Water	09/21/22 14:07	09/23/22 12:11
410-99246-4	GW2H22-PCL-007-070	Water	09/21/22 10:55	09/23/22 12:11
410-99246-5	GW2H22-PCL-007-094	Water	09/21/22 11:12	09/23/22 12:11
410-99246-6	GW2H22-PCL-007-094-D	Water	09/21/22 11:12	09/23/22 12:11
410-99246-7	GW2H22-PCL-007-112	Water	09/21/22 11:10	09/23/22 12:11
410-99246-8	EB-09-21-22-3	Water	09/21/22 11:00	09/23/22 12:11
410-99246-9	TB-09-21-22-3	Water	09/21/22 11:05	09/23/22 12:11

410-99246 Chain of Custody

:nv, LLC

Chain of Custody Record

eurofins Environment Testing America

Sampler: Bracken	Lab PM: Sachtleben, Kerri	Carrier Tracking No(s):	COC No: 410-19207-6779.1
Client Contact: Dyana Sagges	Phone: 231-215.3103	E-Mail: Kerri.Sachtleben@et.eurofinsus.com	State of Origin: MI	Page: Page of
Company: The Chemours Company FC, LLC	PWSID:		Job #:
Address: 6270 Wilkes Road	Due Date Requested:		
City: Montague	TAT Requested (days): Standard		
State, Zip: MI, 49437	Compliance Project: Δ Yes Δ No		
Phone: 302-781-6103(Tel)	PO #: 9901434019		
Email: dyana.sagges@aecom.com	WO #: 9267-7720100C-WH06507046		
Project Name: GW MONITORING 2H22	Project #: 41000767		
Site: MTG	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - MTG Residential VOCs	Total Number of containers	Special Instructions/Note:
[redacted]									
GW2H22-MW-208-020	9-21-22	1410	G	Water			X		
GW2H22-MW-250-054	9-21-22	1350	G	Water			X	3	
GW2H22-PCL-006-077	9-21-22	1407	G	Water			X		
GW2H22-PCL-007-070	9-21-22	1055	G	Water			X		
GW2H22-PCL-007-094	9-21-22	1112	G	Water			X	3	
GW2H22-PCL-007-112	9-21-22	1110	G	Water			X	3	
GW2H22-PCL-007-094-D	9-21-22	1112	G	Water			X		
GW2H22-PCL-007-094	9-21-22	1112	G	Water		Y	X		
GW2H22-PCL-007-094	9-21-22	1112	G	Water		Y	X	3	
EB-09-21-22-3	9-21-22	1600	G	Water			X	3	
TB-09-21 22-3	9-21-22	1105	G	Water			X		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Edwin Hernandez	9/14/22 1500		Bracken	9/16/22 1600	AECOM
Bracken	9/22/22 1600	AECOM			
				9/23/22 1211	EWT

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

MB

Ver: 01/16/2019

10/12/2022

Login Sample Receipt Checklist

Client: The Chemours Company FC, LLC

Job Number: 410-99246-1

Login Number: 99246
List Number: 1
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Attachment 2

Field Purge Data Sheets