Jacobs

RCRA Closure Permit Renewal Application

Document No: RCRA Closure Permit Renewal Application-Revision
Revision:
0 - July 20, 2026
1 - September 28, 2026
2 - October 21, 2026

Enstructure DCT LLC/DSPC - a Walsh/SBI JV in contract with Enstructure
T2484300b
Delaware Container Terminal
Edgemoor Planning & OR Support
October 2026

Jacobs

RCRA Closure Permit Renewal Application

Client Name: Enstructure DCT LLC/DSPC - a Walsh/SBI JV in contract with Enstructure

Project Name: Delaware Container Terminal
Edgemoor Planning & OR Support

Client Reference: T2484300b

Project No: T2484300b

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Revision:
0 - July 20, 2026
1 - September 28, 2026
2 - October 21, 2026

Prepared By: Jacobs

Date: October 21, 2026

File Name: Original 2020 Application-RCRAPermit.docx

Document History and Status

Revision	Date	Description	Author	Checked	Reviewed	Approved
000	July 2026	Revised Permit Renewal Application	Jacobs on behalf of DSPC	CH	SR	LK
001	September 2026	Revised Permit Renewal Application, Post DNREC Comments	Jacobs on behalf of DSPC	CH	SR	LK
002	October 2026	Revised Permit Renewal Application, Post DNREC Comments	Jacobs on behalf of DSPC	CH	SR	LK

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I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.



Signed: _____ Date: 10/21/2026

Louis Kaminski
Jacobs
Professional Engineer
State of DE No. [33200]

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Acronyms and Abbreviations

Acronym	Description
CMMP	Contaminated Materials Management Plan
DNREC	Delaware Department of Natural Resources and Environmental Control
DRGHW	Delaware Regulations Governing Hazardous Waste
DSPC	Diamond State Port Corporation
EMHCP	Excavation and Materials Handling Contingency Plan
FDRTC	Final Decision and Response to Comments
GT USA	GT USA Wilmington, LLC
HW	Hazardous Waste
JV	Joint Venture
LLC	Limited Liability Company
MW	Monitoring Well
OR	Owner's Representative
PCCP	Post-Closure Care Plan
RA	Risk Analysis
RCRA	Resource Conservation and Recovery Act
RFI	Remedial Facility Investigation
SMP	Soils Management Plan
SWMU	Solid Waste Management Unit

1. Introduction

The purpose of this document is to serve as a Resources Conservation and Recovery Act (RCRA) closure permit modification for Phase 1 construction on the 2021 Final Decision and Response to Comments (FDRTC) for the former Chemours Edgemoor facility ("the Facility"), located at 4600 Hay Road, in Edgemoor, Delaware. The geographic coordinates of the Facility are 39.749223, -75.499822. The included Figure 1 depicts the Facility's location. The Facility currently is owned by Diamond State Port Corporation (DSPC), located at the Carvel State Office Building, 820 N. French Street, Wilmington, Delaware. DSPC acquired the Facility during February 2017. The Facility currently is operated by GT USA Wilmington, LLC, located at 1 Hausel Road, Wilmington, Delaware. GT USA Wilmington, LLC is a private entity. The Facility is not located on Indian lands.

2. Site History

As a successor to the E.I. du Pont de Nemours and Company (DuPont), the Chemours Company owned and maintained the Edgemoor Facility in accordance with the State of Delaware, Department of Natural Resources and Environmental Control (DNREC) approved Post-Closure Care Plan (PCCP). DSPC requested transfer of the RCRA Closure Permit at the time of the property transfer, assumed responsibility for post-closure care, and has continued to implement the DNREC-approved Post Closure Care Plan (PCCP). The Facility's PCCP is included as Appendix A.

Impoundments A, B, C, and D were closed in 2004 under the DNREC Corrective Action Permit HW-03A16. The impoundments contain wastes (sludges) from sulfur and chloride processes, which were byproducts of titanium dioxide production at the former Chemours plant. Following closure, DuPont submitted a PCCP. This PCCP dictated requirements for inspection and maintenance of the closed surface impoundments, as well as sampling protocol for groundwater monitoring wells installed at the facility. DNREC has authorized the use of site-specific groundwater screening levels, which is discussed in the PCCP.

3. Site Description And Infrastructure

Ten groundwater monitoring wells were installed to support the PCCP. The wells are identified as MW-01, MW-02, MW-03, MW-04R, MW-05R, MW-06, MW-07, MW-08, MW-09R, and MW-10. Figure 2 shows the locations of the groundwater monitoring wells and the locations of the closed surface impoundments. Monitoring wells MW-01, MW- 02, MW-03, MW-04R, MW-05R, MW-06, and MW-07 are located between the closed surface impoundments and the Delaware River. Monitoring wells MW-08, MW-09R, and MW-10 are located upgradient (inland) of the closed surface impoundments.

Production ceased at the Facility in 2015. Following the cessation of production, all production related and waste management equipment and infrastructure were decommissioned. Following decommissioning, these appurtenances were dismantled and removed (e.g., above ground tanks, above ground piping, wastewater treatment equipment) or abandoned in place (e.g., underground piping). Buildings, potable water and fire water infrastructure were demolished and removed after DSPC acquired the Facility. A map showing the Facility's layout and building locations prior to decommissioning is included as Figure 3. The infrastructure remaining at the Facility is mostly limited to former foundations and underground piping. Few buildings currently remain at the Facility.

There are currently 8 active solid waste management units (SWMU's) at the Facility. See Figure 5 for the location of the active SWMU's and impact during Phase 1 development. The closed surface impoundments mentioned above account for SWMU 6A, 6B, 6C, and 6D.Per requirements in the FDRTC, the majority of the site is to be paved with asphalt. The FDRTC iterates that the final percentage of over 80% of the site is to be capped with asphalt; this will not be achieved during Phase 1 development, however Phase 2 will commence at a later date and achieve the greater than 80% asphalt coverage. The expected acreage extent of paving that will be completed in Phase 1 is approximately 53.22 acres, which covers 46% of the site. (The total acreage of the site is 115.15 acres). The FDRTC remedy of 80% of the site being paved will be exceeded in Phase 2, with a total of 102.38 acres (89% of the site being paved).

The additional semi-annual inspections and ongoing maintenance and repairs of the asphalt cap on the site are being added to this PCCP.

4. Included Documents

4.1 Post Closure Care Plan (PCCP)

The PCCP for the four closed surface impoundments is included as Appendix A. The PCCP details monitoring and inspection procedures necessary for the closed surface impoundments.. The PCCP has been amended to include additional procedures for inspections and maintenance of the asphalt cap that will be installed on the site.

4.2 Soils Management Plan

The Soils Management Plan (SMP), also known as the Excavation and Materials Handling Contingency Plan (EMHCP) for the Facility is included as Appendix B. The EMHCP was updated in 2026, and was approved by DNREC on May 12, 2026. The EMHCP is used to identify constituents of concern that may be present in the soil and groundwater at the Facility, as well as proper handling techniques if excavation is required. Functionally, the EMHCP has been, and will continue to be, used as a contaminated materials management plan (CMMP) for the Facility.

4.3 Closure Certification Report

The closure report for the four surface impoundments located at the DuPont Edgemoor Facility is included as Appendix C. The 2004 report includes construction and stabilization details relating to the surface impoundments at the Facility.

4.4 Phase I and Phase II Remedial Facility Investigation Reports

The Phase I and Phase II Remedial Facility Investigation (RFI) reports are included as Appendix D and Appendix E, respectively. The Phase I and Phase II RFI reports include information regarding hydrogeologic investigations, as well as investigations of specific SWMU's at the Facility.

4.5 Risk Analysis Report

The Risk Analysis (RA) report evaluates human health and/or ecological impacts from the releases from the regulated SWMU's on the Site. The RA report is included as Appendix F.

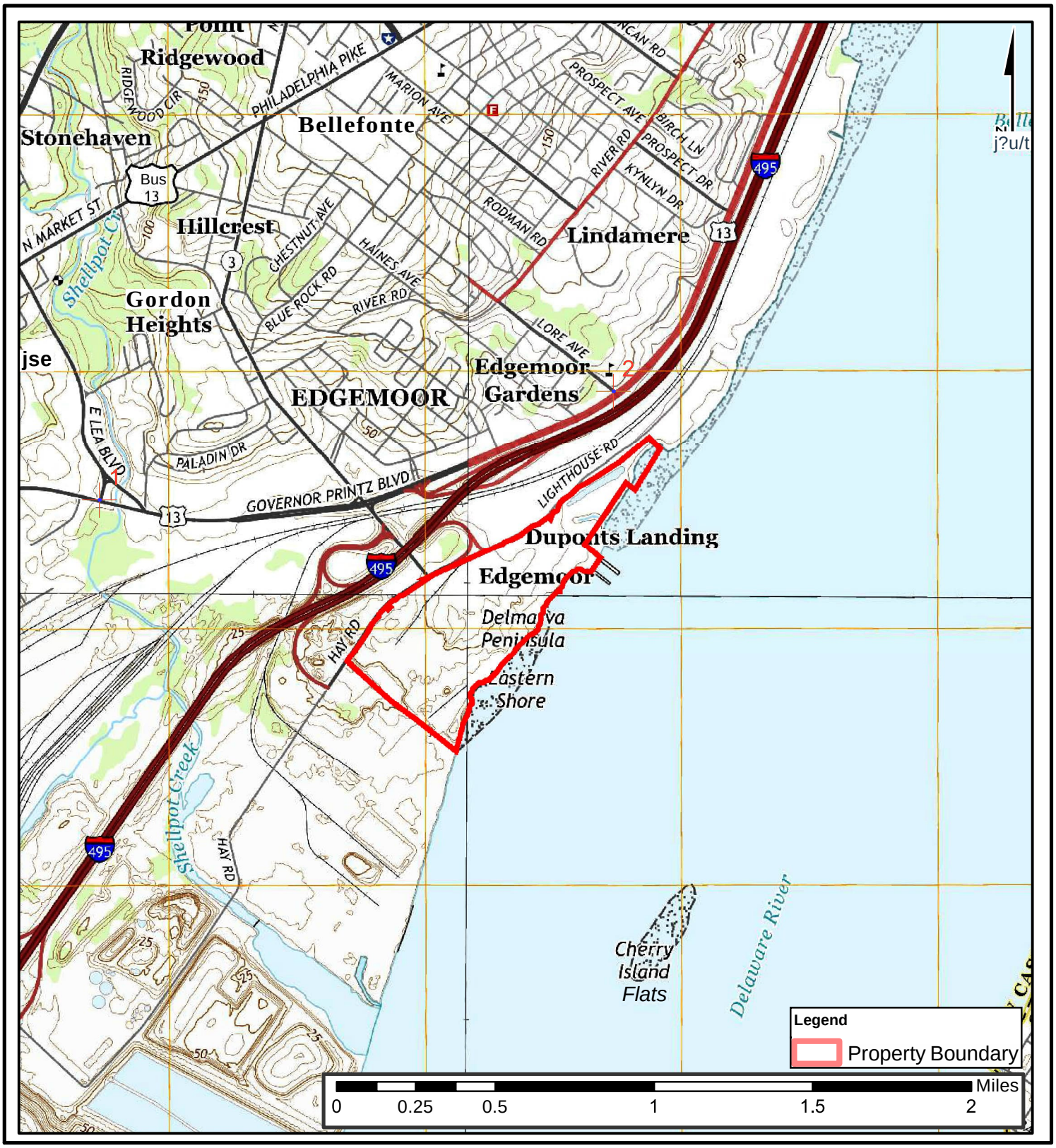
5. Proposed Site Redevelopment

The Edgemoor Facility is the proposed Location of the new Port of Wilmington container port. The proposed work is in the final design development phase for Phase I of the development of the site. The Phase 2 concept of the future container port is provided with this document as Figure 6, and any future final design plans will be provided when available. The proposed site redevelopment activities will follow the requirements set forth in the PCCP and SMP (a.k.a. CMMP).

6. Financial Assurance Requirements

The requirement for an initial cost estimate and demonstration of financial assurance for DSPC is deemed to be not required per section ILLA of the FDRTC. This section clearly states that "Per the DRGHW, the DPSC is a government entity and is therefore exempt from the Financial Assurance Requirements."

Figures



Date: 01/2020	**FIGURE 1**		DUFFIELD ASSOCIATES Soil, Water & the Environment
SCALE: AS SHOWN	**FACILITY LOCATION MAP**	DRAWN BY: MAN	5400 LIMESTONE ROAD WILMINGTON, DE 19808-1232 TEL. (3(32)239-6634 FAX (3 32)239-8485
PROJECT NO. 11139.EK	**Chemours Edgemoor Facility** **Edgemoor, Delaware**	CHECKED BY: MRB	OFFICES IN PENNSYLVANIA, SOUTHERN DELAWARE, MARYLAND AND NEW JERSEY
SHEET:	EDGEMOOR - NEW CASTLE COUNTY - DELAWARE	FILE: 11139.EK SiteLocationSketch	EMAIL: [3UFFIELD@DUFFNET.COM



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BASEMAP:
AS SHOWN

DRAWN BY: MAN

CHECKED BY:
MRB

File: 11139.EE ClosedImpoundments

FIGURE 2

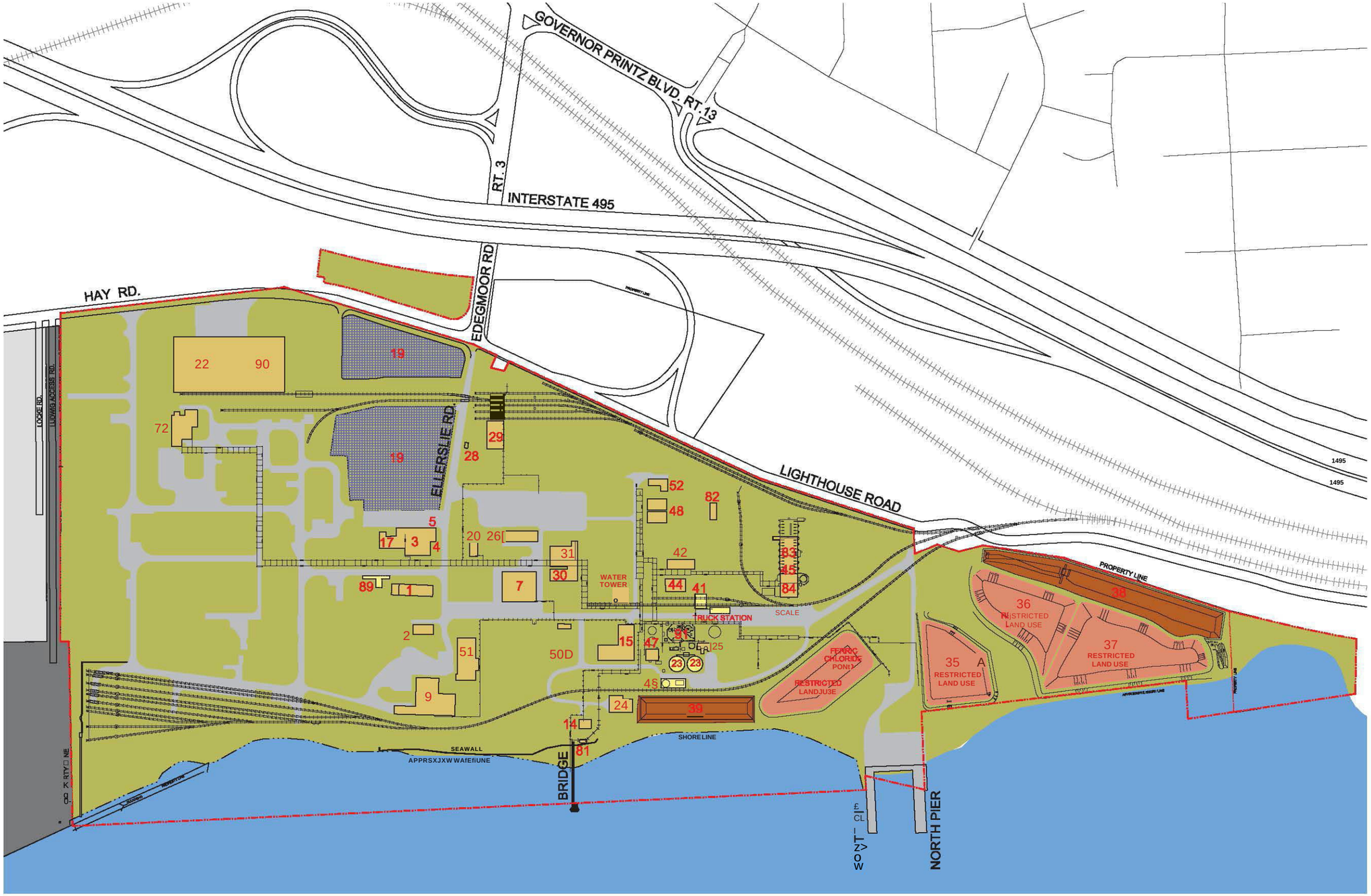
CLOSED SURFACE IMPOUNDMENTS AND MONITORING WELL LOCATIONS
CHEMOURS EDGEMOOR PLANT
WILMINGTON-NEW CASTLE COUNTY-DELAWARE

Date: December 2018

SCALE:
AS SHOWN

Duffield Project No:
11139.EE

Sheet: Figure 2



PLAN INDEX

BLDG./FACILITY NUMBER	DA#	NAME / DESCRIPTION
1	11	BARN
2	4	MEDICAL BUILDING
3	7	ENVIRONMENTAL
4	7A	MAIN GATE HOUSE
5	7B	EMPLOYMENT OFFICE
7	9	COMBINED SHOP/TRAINING
9	18	R A D BUILDING
14	21	PUMP BUILDING
15	25	POWERHOUSE
17	BO	GARAGE BUILDING
20	71	STAFF CHANGE HOUSE
22	178	DUPONT STORES
23	193	WASTE WATER TREATMENT
24	195	ELECTRIC SHOP
25	196	LIME SLURRY BLDG.
26	217	VISITOR'S CENTER
28	220	NATURAL GAS FACILITY
29	221	RAW MATERIALS WAREHOUSE
30	222	INSTRUMENT SHOP
31	224	NORTH END MAINTENANCE SHOP
39	243	SPILL CONTAINMENT POND 'F'
41	245	FeCl3 RAILCAR LOADING
42	252	AQUAFOX
44	258	ENVIRONMENTAL CONTROL BUILDING
45	263	SCP I BUILDING
47	313	EGR/IER
48	375	STORAGE BUILDING
49	420	LIFT STATION
50	441	TECHNICAL LAB
51	464	ADMINISTRATION BUILDING
52	496	FLAG BUILDING
72	1250	8DG BUILDING
81	N/A	FIRE PUMP HOUSE
83	260	SCP1
8+	260	SCP1 ECR
89	N/A	GAS & DIESEL IKS
SO	178	FAIRMONT SUPPLY
91	N/A	DRAFT TUBE NEUTRALIZER

Figure 3
Pre-Decommissioning Facility Map
Chemours Edgemoor Facility
Edgemoor, Delaware

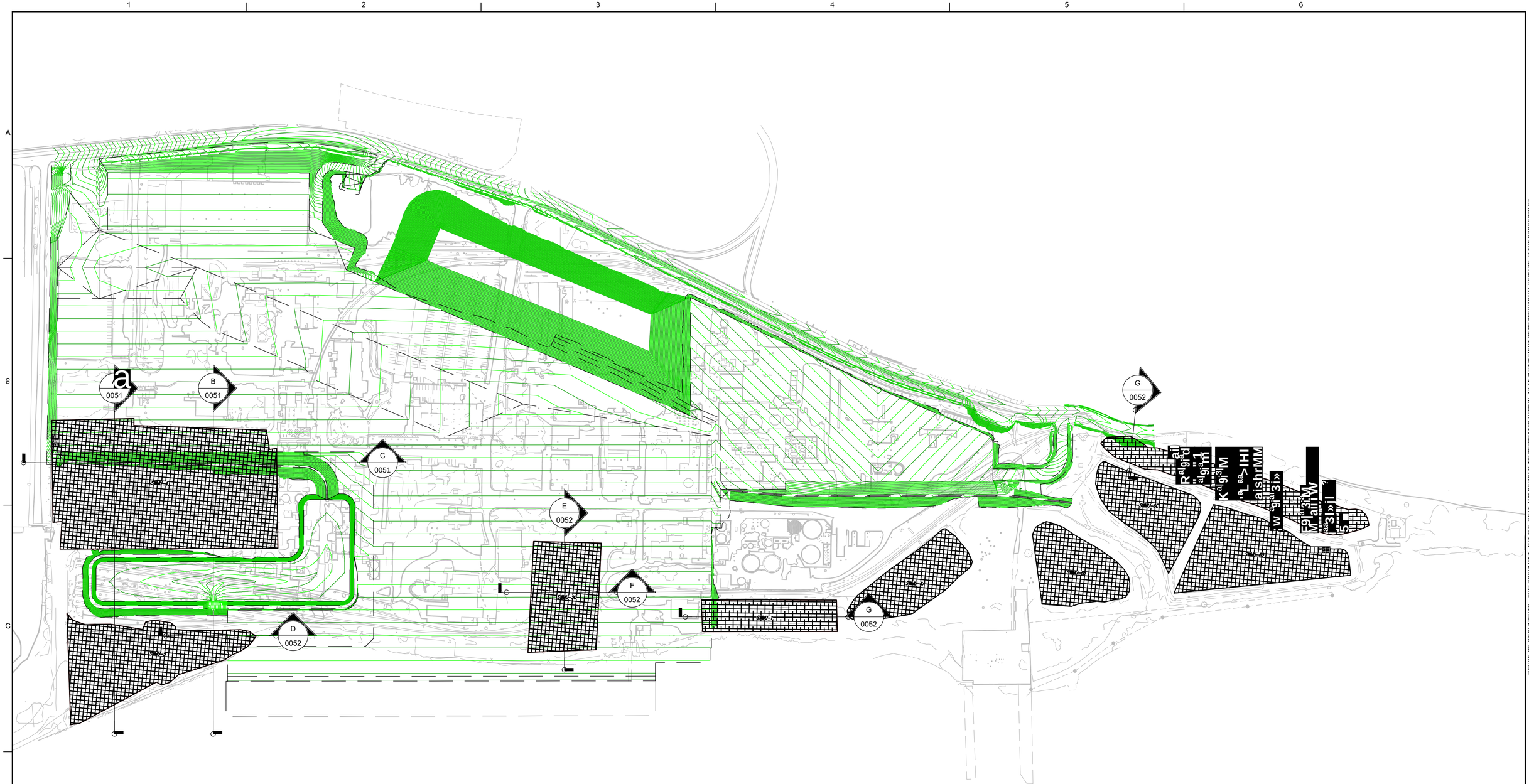


Figure 4

0 150 300 450
1" = 150'

Jacobs | WALSH | SOLETANCHE BACHY INTERNATIONAL | ENSTRUCTURE | DIAMOND STATE PORT CORPORATION

DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

SKETCH
PHASE 1
SMWU IMPACT PLAN

DR: D. KNIGHT
DATE: 03.26.2026
DWG: D3958901-C-C3D-SK-0050

SWCRR0GRESS SET

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Figure 5

PUMP BUILDING

EDGEMOOR ROAD

SECONDARY CBP INSPECTION

INBOUND GATE PEDESTALS

DELMARVA SUBSTATION AREA

OUTBOUND OCR AND CBP RPM LANES

HAY ROAD

AREA LEFT CLEAR FOR FUTURE INTERMODAL YARD

OUTBOUND GATE PEDESTALS

PROBLEM RESOLUTION

INBOUND OCR

ADMIN BUILDING

BOMB CART STORAGE

POV PARKING

SECONDARY GATE

EMPTY CONTAINER STACK (TYP)

MAINTENANCE BUILDING

TOP PICK CONTAINER STACK (TYP)

REEFER SUBSTATION

POV PARKING

LABOR CHECK-IN

REEFER RACKS (TYP)

RTG (LADEN) CONTAINER STACK (TYP)

ON TERMINAL EQUIPMENT & VEHICLE PARKING

RTG BUSBAR SUBSTATION (TYP)

EXPORT CONTAINER STACK (TYP)

RTG TURNING AREA

STS CRANE SUBSTATION

WHARF

16,000 TEU SHIP

DELAWARE RIVER FEDERAL CHANNEL

The expected acreage extent of paving that will be completed in Phase 1 is approximately 53.22 acres, which covers 46% of the site.

LEGEND

PROPERTY BOUNDARY	----------
BERTH POCKET	— _ —
DREDGE LIMITS	— ' — ' —
EDGE OF DELAWARE RIVER CHANNEL	— , , —
40' EASEMENT	— — — —
REEFER GROUND SLOTS	
DRY GROUND SLOTS	
EMPTY GROUND SLOTS	
SUBSTATION	
NEW BUILDING	
FACILITY / PARKING AREA	
TRAFFIC FLOW	
REACH STACKER	
RUBBER TIRED GANTRY CRANE (eRTG)	
SHIP-TO-SHORE CRANE	

N

0 250 500 750

1" =250'

NO.	DATE	REVISION	DR	CHK	APVD
DSGN	AJH	ALD	DK	gY	APVD

CAL

DELAWARE CONTAINER TERMINAL

EDGEMOOR, DELAWARE

ENSTRUCTURE DCT LLC

Jacobs WALSH SOLETANCHE BACHY INTERNATIONAL ENSTRUCTURE DIAMOND STATE PORT CORPORATION

GENERAL

TERMINAL LAYOUT PHASE 1

NOT TO SCALE

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"

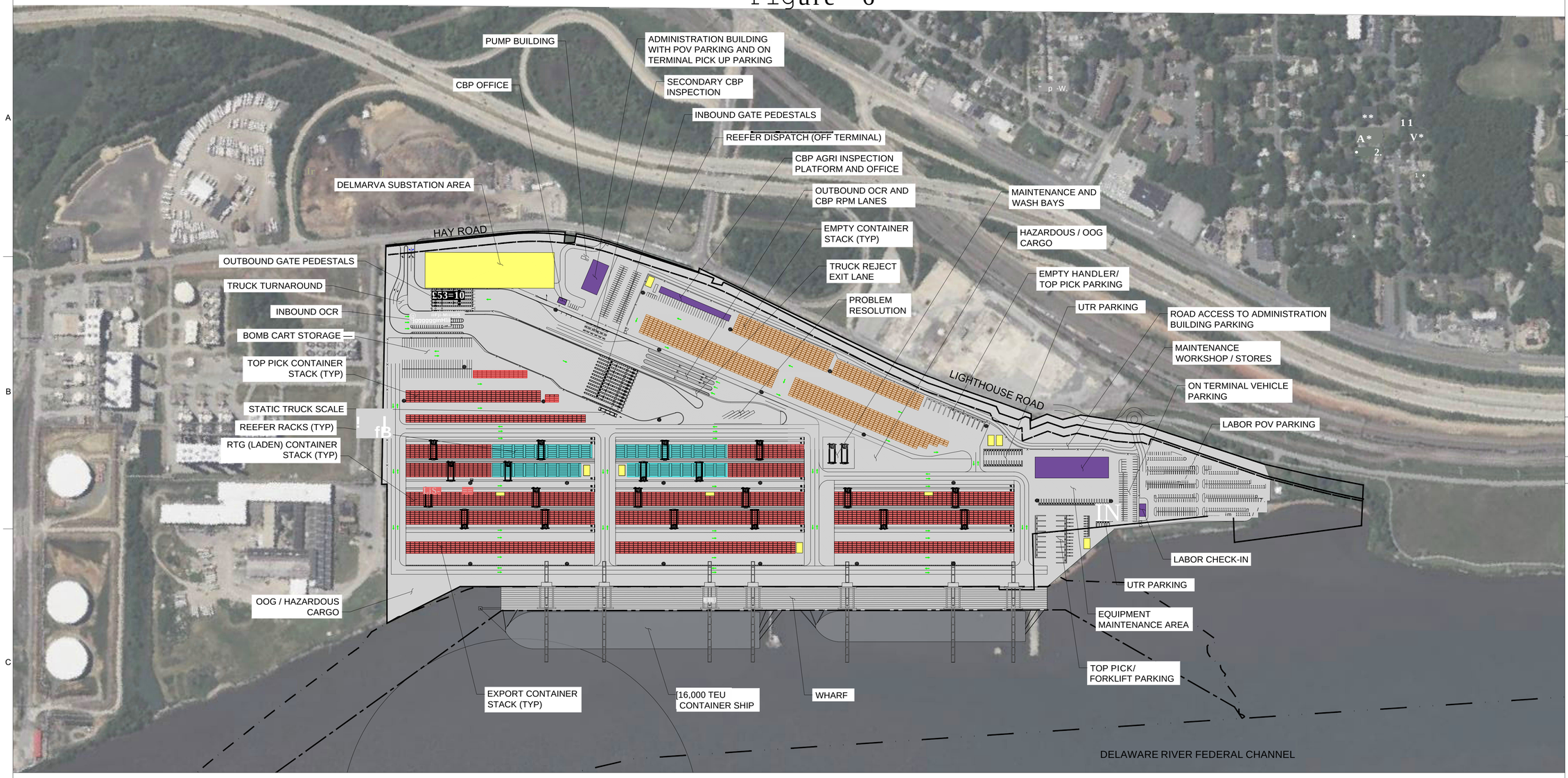
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PROJ	D3958901
DWG	DRAFT
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Figure 6



LEGEND

PROPERTY BOUNDARY	----------
BERTH POCKET	— _ —
DREDGE LIMITS	— · — · —
EDGE OF DELAWARE RIVER CHANNEL	— . . —
40' EASEMENT	— — — —
REEFER GROUND SLOTS	
DRY GROUND SLOTS	
EMPTY GROUND SLOTS	
SUBSTATION	
NEW BUILDING	
FACILITY / PARKING AREA	
TRAFFIC FLOW	
REACH STACKER	
RUBBER TIRED GANTRY CRANE (eRTG)	
SHIP-TO-SHORE CRANE	

0 250 500 750
1" =250'

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DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE R. DELAWARE
ENSTRUCTURE DCT LLC

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GENERAL
TERMINAL LAYOUT
FULL BUILD

NOT TO SCALE
VER FY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	JANUARY 2026
PROJ	D3958901
DWG	DRAFT
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FILE NAME: DCT_Full Build Layout_No IY_2026-01-23.dwg PLOT DATE: 1/23/2026 PLOT TIME: 11:42:51AM

Appendix A
Post Closure Care Plan

Revision to the 2010 Post-closure Care Plan–Addendum 1, Revised Monitoring and Maintenance Plan, Closed Surface Impoundments

Document No: PCCP_Addendum 1_Rev 1
Revision: 0 – July 20, 2026
1 – September 28, 2026

Enstructure DCT LLC/DSPC – a Walsh/SBI JV in contract with Enstructure
[Client reference]

Delaware Container Terminal
Edgemoor Planning & OR Support
September 2026

Revision to the 2010 Post-closure Care Plan–Addendum 1, Revised Monitoring and Maintenance Plan,
Closed Surface Impoundments

Client Name:	Enstructure DCT LLC/DSPC – a Walsh/SBI JV in contract with Enstructure		
Project Name:	Delaware Container Terminal Edgemoor Planning & OR Support		
Client Reference:	*[Client reference]*	**Project No:**	D3958901
Document No:	PCCP_Addendum 1_Rev 1		
Revision:	0 – July 20, 2026 1 – September 28, 2026	**Prepared By:**	Jacobs on behalf of DSPC
Date:	September 1, 2026	**File Name:**	Application_Appendix-A_Post-closureCarePlan.docx

Document History and Status

Revision	Date	Description	Author	Checked	Reviewed	Approved
0	July 2026	Revised PCCP	Jacobs on behalf of DSPC	CH	SR	LK
1	September 2026	Revision 1 to the 2010 PCCP Post DNREC Comments	Jacobs on behalf of DSPC	CH	SR	LK

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Document: Revision to the 2010 Post-Closure Care Plan -Addendum 1, Revised Monitoring and Maintenance Plan, Closure Surface Impoundments, DuPont Edge Moor Plan, Edgemoor, Delaware



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Acronyms and Abbreviations

Acronym	Description
BTAG	(USEPA) Biological Technical Assistance Group
cfs	Cubic feet per second
COC	Constituent of concern
DNREC	(Delaware) Department of Natural Resources and Environmental Control
DO	Dissolved oxygen
DRBC	Delaware River Basin Commission
DRGHW	Delaware Regulations Governing Hazardous Waste
DSPC	Diamond State Port Corporation
DuPont	E. I. du Pont de Nemours and Company
EMHCP	Excavation and Materials Handling Contingency Plan (EMHCP)
FDRTC	Final Decision and Response to Comments
ft/d	Foot per day
L/min	Liter per minute
pg/L	Micrograms per liter
mg/L	Milligrams per liter
msl	Mean sea level
NRWQC	National Recommended Water Quality Criteria
ORP	Oxidation-reduction potential
PCB	Polychlorinated biphenyls
PCCP	Post-Closure Care Plan
Ponds	Closed surface impoundments A, B, C, and D
PQL	Practical quantitation limit

Acronym	Description
QA/QC	Quality assurance/quality control
R.M.	River mile
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SVOC	Semi-volatile organic compound
SWPF	Surface water protection factor
SWQS	(Delaware) Surface Water Quality Standards
TEF	Toxicity equivalent factor
TEQ	Toxicity equivalent quotient
TCDD	Tetrachlorodibenzo(p)dioxin
UPL	Upper prediction limit
USEPA	U. S. Environmental Protection Agency
UTL	Upper tolerance limit
WMP	Waste management plan

1. Introduction

In August 2002, E.I. du Pont de Nemours and Company (DuPont) completed neutralization and stabilization activities for four surface impoundments (A, B, C, and D) located at the DuPont Edge Moor Plant in Edgemoor, New Castle County, Delaware (Figure 1-1). Between September 2003 and March 2004, DuPont installed a cap as a part of the closure of these units. These activities are discussed in the *Documentation of Neutralization and Stabilization Construction Activities for Four Surface Impoundments* (DuPont, 2002) and the Closure Certification Report for Four Surface Impoundments (DuPont, 2004a). The work was completed in accordance with a Consent Order (C.A.01c-10-288CHT). The closure was certified by the Delaware Department of Natural Resources and Environment Control (DNREC) in a letter to DuPont dated September 23, 2004 (DNREC, 2004). As stated in the Delaware Regulations Governing Hazardous Waste (DRGHW) Section 264.117(a)(1), the date of the closure, September 23, 2004, marks the beginning of the 30-year post-closure care and monitoring period.

Following the closure, DuPont submitted the *Post Closure Care Plan (PCCP) for Four Surface Impoundments,* which discussed maintenance and monitoring activities for the closed ponds (DuPont, 2004b). The maintenance activities discussed in the PCCP have not been revised and are presented in this addendum for convenience. However, revisions to the post-closure monitoring are recommended and are the primary focus of this Addendum 1 to the post-closure plan.

The monitoring plan included in the 2004 PCCP outlined the following tasks:

- A hydrogeological investigation to assist in the monitoring network construction
- Phase I groundwater monitoring and baseline determination and development of upper tolerance limits (UTLs)
- Phase II groundwater monitoring, long-term semiannual monitoring, and comparison to UTLs

The first two tasks were completed and reported in the Hydrogeological Evaluation Report (DuPont, 2005) and the letter report to the DNREC dated July 20, 2006, regarding the Baseline Groundwater Compliance Limits (taken from the Baseline Report; DuPont, 2006b; see Appendix A). Since submittal of these documents, DuPont has conducted five rounds of groundwater sampling. The results of additional groundwater sampling events, May 2007 to October 2009, and from 2016 to present are presented in Appendices A and B.

DuPont has prepared the addendum to the PCCP to formalize the final task of long-term monitoring. This document describes the proposed groundwater monitoring well system, analytical parameters, sampling methods, and sampling schedule for post-remedy detection monitoring at the closed impoundments.

The PCCP was previously written on DuPont's behalf for SWMU 6A-D Surface Impoundments Post-Closure Care, but is currently being updated to reflect Phase 1 construction activities at the site. The September 2026 revisions to the PCCP have been amended on behalf of the Diamond State Port Corporation (DSPC) to include the care of the 2021 site-wide remedy for Phase 1 construction.

The 2021 FDRTC requirements, which include the following points:

- Most of the site is to be paved with an asphalt cap.
- The approved Contaminated Materials Management Plan (CMMP), also referred to as the Excavation and Materials Handling Contingency Plan (EMHCP) is to be implemented during site construction or disturbance.

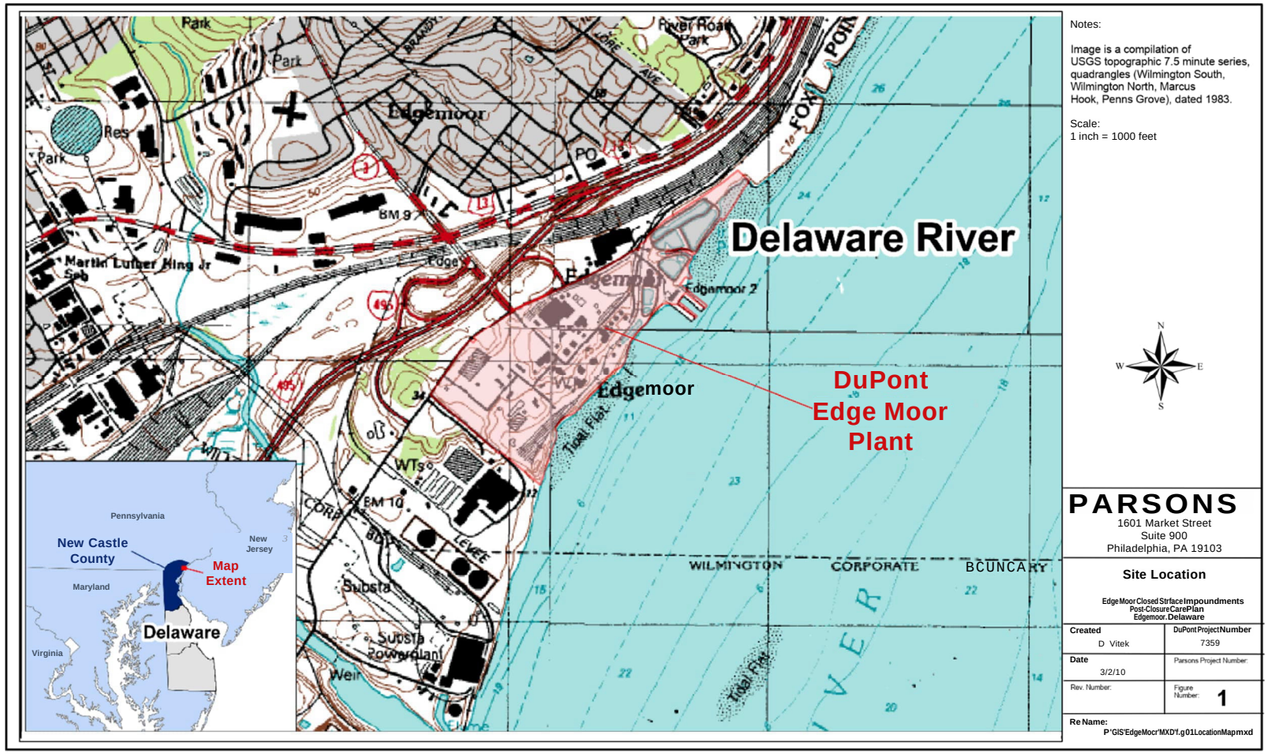
- Groundwater monitoring will continue around the closed surface impoundments, per PCCP requirements. The PCCP will be amended to include provisions for additional operations and maintenance items regarding the asphalt cap or post-port construction features integral to the remedy.
- A UECA covenant will be executed upon remedy completion to protect the remedy in perpetuity.

In addition to these requirements, the following objectives for the overall site management strategy were developed to be protective of human health and the environment:

- Minimize the offsite disposal of soils, and maximize the reuse of soils onsite where geotechnically and environmentally suitable.
- Avoid or minimize disturbances to the four surface impoundments (SWMU 6).
- Maintain RCRA caps on SWMU 6 after redevelopment. Submit plans for DNREC's review and approval for the re-grading and redesign of SWMU 6, and capping as needed, per the final site grades.

Use new infrastructure to improve overall site stormwater management. The EMHCP was revised by DSPC, and approved by DNREC in May of 2026 for Phase 1 development work, and will continue to be implemented for on-site disturbances. Groundwater Monitoring will continue around the closed surface impoundments in accordance with this PCCP. A final Uniform Environmental Covenant Act (UECA) covenant will be executed upon remedy completion for the site. The revised PCCP has been prepared to add the long-term monitoring for the asphalt cap.

Figure 1-1. Site Location



2. Physical Setting and Hydrogeology

The four closed surface impoundments, identified as Ponds A through D, are Located within the northern portion of the Edge Moor Plant area as shown in Figure 2-1. The DuPont Edge Moor Plant and Ponds A through D are located along the bank of the Delaware River in northeastern New Castle County, Delaware (see Figure 1). A detailed description of the physical setting is presented in the PCCP (DuPont, 2004b).

The Edge Moor Closed Surface Impoundments Area is situated within the Atlantic Coastal Plain physiographic province, which is locally composed of the unconsolidated sediments of Pleistocene (Columbia Formation) and Cretaceous ages (Potomac Formation). Under some portions of the site, natural sand, interpreted to belong to the Scotts Corners Formation, was present above the Potomac clay, with the greatest thicknesses generally along the Delaware River and in the central portion of the site. These unconsolidated sediments overlie the igneous and metamorphic basement rocks of the Wissahickon Formation and the Wilmington Complex. A detailed discussion of the regional geology can be found in the *Phase I RFI1 Data Summary Report (DuPont, 2009).*

Underlying the area of the ponds is a fill zone that is 10 to 20 feet thick. Fill materials include unsaturated sand and gravel, silts, and silty clay (Zone A). In the southeastern portion of the pond area, the fill is underlain by a silty sand unit that extends southward along the river (Zone B). This zone pinches out and is absent in the northern area of the ponds, where a zone of inter-layered red and gray clays and silts with some sand lenses (Zone C) underlies Zone A. Below -30 feet mean sea level (msl), the sediments of Zone C become sandier with depth. Underlying Zone C is a weathered bedrock zone (Zone D) at elevations below -50 feet msl. The weathered bedrock (saprolite) is dark green clay to sandy clay.

The drilling logs from the construction of MW-02 and adjacent locations confirm historical records, which indicate that this area was formerly marshland and is underlain by a former channel of an unnamed stream. Dark, organic, fine-grained material underlies this area and is presumed to lie unconformably upon the Potomac Clays into which it cuts. Some boreholes indicate that this wedge of marshland material might have a basal unit that is coarser grained. The presence of the marshland deposits may be relevant because of differing organic-carbon content, clay mineralogy, pH, and oxidation-reduction conditions, in addition to physical hydrogeologic parameters.

There is no distinct, continuous, shallow water zone beneath the majority of the site (DuPont, 2009). Information obtained while installing the pond monitoring wells MW-01 through MW-10 indicated the presence of isolated water-bearing intervals within Zone C from -18 to -60 feet msl. This is the interval in which the pond monitoring wells are screened. Groundwater elevations range from approximately 10 feet msl in wells on the northwestern side of the ponds to approximately 5 feet msl in wells along the river.

Figure 2-1. Closed Surface Impoundments Monitoring Area



Legend

- Closed Ponds
- Monitoring Well Locations
- -0- Surface Water Location

Notes:
Base photo source:
2007 Orthophoto (Delaware DataMIL)

N
W E
S

0 125 250 500
Feet

PARSONS
1601 Market Street
Suite 900
Philadelphia, PA 19103

Closed Surface Impoundments Monitoring Area

Edge Moor Closed Surface Impoundments
Post-Closure Care Plan
Edgemoor, Delaware

Created:	DuPont Project Number
D. Vitek	7359
Date: 3/2/10	Parsons Project Number:
Rev. Number	Figure Number: 2-1

File Name:
P:\GIS\EdgeMoor\MXD\Fig 02 Closed Surface Imps.mxd

3. Post-closure Groundwater Monitoring Program

As stated in the PCCP, post-closure monitoring consists of the following phases:

- Phase I: Establishment of baseline groundwater quality conditions for all wells
- Phase II: Long-term monitoring to ensure the effectiveness of the containment system and to monitor the detection of any potential releases

Phase I consisted of monthly groundwater sampling during the first year of monitoring to establish UTLs for each well as reported in the Baseline Report (DuPont, 2006b). The Phase II long-term groundwater monitoring was initiated in 2007 with semiannual sampling of the monitoring network. The analytical data collected from all events are presented in Appendices A and B. The program described in the following sections will be used to formalize the Phase II long-term monitoring program.

When Phase 2 development occurs, and after the cap for SWMU 6A through 6D are repaired, an increased frequency of groundwater sampling (quarterly, starting within a month of the final repair) will occur for a period of one year. If concentrations trend upward, further repairs may be required and increased monitoring may be warranted.

3.1 Objective

The purpose of the groundwater monitoring program is to monitor the efficacy of the remedial action completed at the former surface impoundments.

3.2 Monitoring Network

Ten monitoring wells (MW-01 through MW-10) comprise the monitoring well network for the closed surface impoundments. Seven of the wells (MW-01 through MW-07) are Located between the closed surface impoundments and the Delaware River, and three wells (MW-08 through MW-10) are located on the upland side of the ponds. A summary of the monitoring network is presented in Table 3-1.

Table 3-1. Revised Sampling and Analysis Program

Well	DNREC Permit Number	Depth (ft bgs)	Screen Interval (ft bgs)	Pump/Tubing Inlet Depth (ft bgs)	Semiannual Sampling and Analysis	Annual Sampling and Analysis
MW-1	204848	41.5	31.5-41.5	36.5	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-2	205018	63.5	43.5-63.5	53.5	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-3	205019	63.5	43.5-63.5	53.5	Metals[a], semi-volatile organic compounds (5V0Cs)[b]	PCBs[c], dioxins, and furans[d]

Well	DNREC Permit Number	Depth (ft bgs)	Screen Interval (ft bgs)	Pump/Tubing Inlet Depth (ft bgs)	Semiannual Sampling and Analysis	Annual Sampling and Analysis
MW-4	205020	72	57-72	64.5	Metals[a], semi-volatile organic compounds (5VOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-5	205021	74	59-74	66.5	Metals[a], semi-volatile organic compounds (5VOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-6	202022	79	64-79	71.5	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-7	205023	85	75-85	80	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-8	—	85	70-85	77.5	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-9	205025	62	52-62	57	Metals[a], semi-volatile organic compounds (SVOCs)[b]	PCBs[c], dioxins, and furans[d]
MW-10	205026	51	36-51	43.5	Metals[a], semi-volatile organic compounds (5VOCs)[b]	PCBs[c], dioxins, and furans[d]

[a] Total and dissolved antimony, arsenic, manganese, thallium (EPA method 6020)
[b] Hexachlorobenzene, hexachlorobutadiene, octochlorostyrene, pentachlorobenzene (EPA method 8270C)
[c] Polychlorinated biphenyls (EPA method 1668)
[d] Polychlorinated dibenzo(p) dioxins and furans (EPA method 1613) bgs = below ground surface
-- = permit number not available

3.3 Monitoring Parameters

Groundwater samples will be collected on a semiannual basis and submitted for analyses in Table 3-2.

Table 3-2. Semiannual Groundwater Sampling Analyses

Constituent	Analytical Method
■ Total and dissolved[a] antimony ■ Total and dissolved[a] arsenic ■ Total and dissolved[a] manganese ■ Total and dissolved[a] thallium	5W-846 Method 6020

Constituent	Analytical Method
■ Hexachlorobenzene ■ Hexachlorobutadiene ■ Octochlorostyrene ■ Pentachlorobenzene	SW-846 Method 8270C

[a] Dissolved samples will be collected and held at the laboratory in the event they are needed.

Groundwater samples and gauging data will be collected from monitoring wells MW-01 through MW-10 on an annual basis and submitted for the analyses in Table 3-3.

Table 3-3. MW-01 Through MW-10 Groundwater Sampling Analyses

Constituent	Analytical Method
Polychlorinated biphenyls (PCBs)	U. S. Environmental Protection Agency(USEPA) Method 1668
Polychloronated dibenzo(p) dioxins and furans	USEPA Method 1613

Based on analytical results from the groundwater sampling to date, PCBs, dioxins, and furans are predominantly bound to particulates. Therefore, analysis of unfiltered samples may result in elevated levels and/or a false positive. To resolve this, an unfiltered replicate sample for PCBs, dioxins, and furans will be collected during the groundwater sampling event. The replicate sample will then be filtered in the laboratory, as needed, and held appropriately in laboratory custody

Table 3-4 lists the analytical methods, necessary preservatives, and allowable hold times for the monitored parameters. Preservatives will be placed in the appropriate sample containers by the laboratory before shipping them to the sample Location. Analytical methods and laboratory quality control (QC) procedures are performed in accordance with the USEPA SW-846, *Test Methods for Evaluating Solid Waste.*

Table 3-4. Sample Container, Preservation, and Holding Time Requirements

Parameters	Media	Container and Volume	Preservative	Maximum Holding Time
8270C	Water	Two 1 L amber glass (minimum 1L)	Cool to 4°C± 2°C	7 days from collection for extraction, 40 days for analysis
1613	Water	Two 1 L amber glass (minimum 1L)	Cool to 4°C± 2°C	1 year from collection for extraction, analyze within 1 year of extraction
1668	Water	Two 1 L amber glass (minimum 1L)	Cool to 4°C± 2°C	1 year from collection for extraction, analyze within 1 year of extraction
6020	Water	1 L polyethylene (minimum 500 ml)	Cool to 4°C± 2°C, pH<2 with HNO3	6 months from collection

Samples collected for multiple parameters may be collected into a larger size sample container provided container type and preservation requirements are the same.

3.4 Groundwater Sampling Methods

Groundwater samples will be collected from the monitoring wells shown in Figure 2-1. The sampling procedures to be used for groundwater monitoring have been derived from the *Procedures for Sampling Ground Water from Monitoring Wells* (DNREC, 1995) and from the *Low Stress (low flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells* (USEPA, 1996).

3.4.1 Sampling Equipment

The following equipment will be used as a minimum to collect groundwater samples. Additional equipment may be deemed necessary depending on field conditions.

3.4.1.1 Extraction Device

An adjustable rate peristaltic pump or submersible pump (or similar type of device) will be used to draw samples from each well. The pump will be capable of extracting water at 0.1 to 0.5 liter per minute (L/min).

3.4.1.2 Tubing

If a peristaltic pump is used, dedicated polypropylene tubing will be placed in each of the network wells and will be used for all future sampling events. This tubing will have an inner diameter of 1/4 inch to 3/8 inch to ensure the tubing remains filled with liquid when pumping at low rates. The tubing will be placed such that the intakes are positioned in the midpoint of the screened interval. If a submersible pump is used, new disposable tubing will be used for each event.

3.4.1.3 Water-Level Probe

Groundwater elevations will be measured at mean tide during each groundwater sampling event. Because of tidal influence, measurements at wells MW-01 through MW-07 will be made as close as possible to the predicted mean tide. Measurements at MW-08 through MW-10 will be collected immediately afterward. Water levels will be measured using an electronic water-level meter capable of measuring to 0.01-foot accuracy. In addition to the groundwater elevations, surface-water elevations will be measured in the Delaware River at SW-1 to monitor the interaction between groundwater and the Delaware River (Figure 2-1).

3.4.1.4 Flow Measurement

A container of known volume and a stopwatch will be used to measure the pumping rate.

3.4.1.5 Power Source

The electric power required to operate the peristaltic pump will be provided by an automobile battery or through an adapter plugged into the field vehicle cigarette lighter. In the event submersible pumps are used to collected groundwater samples, a gasoline-powered generator will be used as a power source.

3.4.1.6 Monitoring Instruments

Field parameters will be measured prior to sampling using instruments capable of measuring pH, turbidity, specific conductance, dissolved oxygen (DO), oxidation-reduction potential (ORP), and temperature. Use of a flow-through cell is required for all parameters except turbidity. Each instrument will be calibrated daily, prior to sampling, following the manufacturer's directions.

3.4.1.7 Documentation

Field books will be used to record site activities. Appropriate field data will be recorded in a separate field log.

3.4.1.8 Sample Bottles

Sample preservatives will be added to the sample containers by the laboratory, as applicable, prior to shipping them to the site. To allow flexibility in sampling order, each well will have its own chain-of-custody forms.

3.4.2 Groundwater Sampling Procedure

The following procedures will be used when sampling the wells. The wells to be sampled are listed in Table 3-1.

- Remove the well cap, and allow the well to equilibrate to atmospheric pressure before proceeding with water-level measurements and purging/sampling. Internal negative or positive pressure, if encountered when removing the well cap, will be noted.
- Measure the water level before and during pumping, and record in field notes.
- Connect the dedicated suction tubing to the peristaltic pump (or connect single use tubing to the submersible pump). A new section of flexible tubing for insertion around the pump rotor heads will be used at each well and will not be re-used between wells to prevent cross-contamination.
- Start the pump and measure the discharge rate. The desired pumping rate is 0.1 to 0.5 L/min. Purge water will be collected and managed in accordance with Waste Management Plan (WMP; Appendix B, Phase II RFI Work Plan [DuPont, 2010])
- Record water levels during pumping. Adjust the pump speed to minimize drawdown to less than 0.3 feet. If the well goes dry, the sample will be collected after recharge. If the well does not recharge sufficiently within 24 hours, no sample will be collected.
- Begin measurement of field parameters. Field parameters include turbidity, temperature, specific conductance, DO, ORP, and pH and will be measured every three to five minutes. Samples will be collected when the turbidity stabilizes at or below five NTUs and when successive readings are within 10% of each other for three consecutive readings as presented in Table 3-5.
- Collect water samples by disconnecting the flow-through cell from the pump and filling the laboratory-supplied sample bottles directly from the pump discharge.
- Pack samples on wet ice, and ship to the laboratory via laboratory courier. The date and time of sampling, sample identification, container type and volume, analytical method, and name and signature of samplers will be entered on the chain of custody, which will be enclosed in the cooler with the samples.

Table 3-5. Field Parameter Readings

Parameter	Stability Criteria - Micropurge
Turbidity	+/-10% (10 < Turbidity < 50 NTUs)
pH	+/-0.1
Temperature	+/-1 °C
Specific Conductance	+/-3%
ORP	+/-10 millivolts
DO	+/-10% or +/-0.2 milligrams per liter (mg/L) when below 1 mg/L

3.4.3 Quality

The sampling and analysis will be conducted in accordance with the RFI Quality Assurance (QA) Plan (Appendix A, Phase II RFI Work Plan; DuPont, 2010).

3.4.4 Quality Assurance/Quality Control Samples

An equipment rinsate blank will be collected during each sampling event to ensure that equipment decontamination measures during the sampling event were effective in eliminating cross-contamination of samples. One equipment rinsate blank per sampling event is within the recommended one in 20 occurrences for such samples because there are ten wells to be sampled during each event.

A duplicate sample will be collected during each sampling event to provide information on the effects of field sampling and laboratory analytical procedures on the accuracy of the results. One duplicate per sampling event is within the recommended one in 20 occurrences for such samples because there are ten wells to be sampled during each event. The duplicate sample will be analyzed for each parameter analyzed on the corresponding primary sample.

3.4.5 Analytical Data Package and Validation Review

All analytical results will be reported by the laboratory and will include a data package with the following deliverables:

- Chain-of-custody forms
- Analytical results
- QA/QC summaries (matrix spike and duplicate, laboratory control sample and duplicate, replicate, and surrogate recoveries)
- Blank sample results

All analytical data generated will be reviewed by an experienced QA/QC chemist to validate the results, qualify data if necessary, and determine data usability. The data will be stored in the in-house Envista environmental database after undergoing quality checks, and then submitted electronically to DNREC-RS, in DNREC Electronic Data Deliverable (EDD) format..

3.4.6 Health and Safety

ALL field activities will be conducted in accordance with the HeaLth and Safety PLan (Appendix C to the original Phase II RFI Work PLan; DuPont, 2010 and Appendix D to the PCCP, EMHCP, 2026).

3.4.7 Waste Management

All generated wastes, including purge water, disposable materials, and personal protective equipment, will be containerized and disposed of in accordance with the WMP (Appendix B, to the original Phase II RFI Work PLan; DuPont, 2010, and Appendix D to the PCCP, EMHCP, 2026).

4. Data Evaluation

The analytical results will be evaluated and compared to a screening level to determine if a new release has occurred that may present a potential threat to human health and the environment.

In the 2004 PCCP, UTLs were proposed to develop the screening levels. However, UTLs are no longer the USEPA recommended method to calculate a compliance limit. Rather, the USEPA 2009 Unified Guidance (USEPA, 2009a) document recommends Upper Prediction Limits (UPLs) as the preferred method for the calculation of compliance limits. For this project, UPLs were calculated using all groundwater data collected to date and it was determined that the data set is not large enough to properly perform the UPL calculations. Therefore, it was decided to conduct a site-specific analysis to determine the appropriate screening levels for the constituents of concern (COCs) at this site.

The Edge Moor Plant site is located at river mile (R.M.) 72.7, within Zone 5 of the Delaware River that extends from R.M. 78.8 to R.M. 48.2 (Delaware River Basin Commission [DRBC], 2008). Zone 5 is not used as a drinking water supply, but may be used for fishing and contact recreation.

Due to the quality of the neutralization and stabilization activities and the placement of an engineered cap over the four surface impoundments, direct contact with soils is eliminated and only the groundwater to surface water exposure pathway is potentially complete (ENVIRON, 2002). Two exposure scenarios have been carried forward for evaluating current or potential future exposure of closed surface impoundments area COCs to human and/or ecological receptors as presented below:

- **Human Health:** Discharge of potentially affected groundwater into the Delaware River, accumulation of potential COCs in fish tissue, subsequent human exposure through fish consumption and through potential contact during recreational activities.
- **Aquatic Life:** Direct exposure of COCs to aquatic organisms due to potential groundwater discharge into the Delaware River.

A review of available surface water screening criteria was performed to determine the appropriate screening criteria. In addition, an analysis of site-specific hydrology, including groundwater/surface water interaction, was developed.

The following steps have been completed to develop site-specific screening criteria:

- Reviewed available surface water quality criteria for the protection of human health and aquatic life
- Estimated Delaware River flow adjacent to the site
- Calculated groundwater discharge from the closed surface impoundments area to the Delaware River
- Calculated Surface Water Protection Factors (SWPFs)
- Calculated screening levels by multiplying each selected water quality criteria by the SWPF
- Selected site-specific screening levels from the most conservative calculated human health and aquatic life values

4.1.1 Review of Available Water Quality Criteria

Parsons reviewed the following documents to identify applicable screening criteria for Zone 5 of the Delaware River, adjacent to the site:

- **DNREC SWQS:** Surface Water Quality Standards (SWQSs) for the State of Delaware (Title 7 Delaware Administrative Code Section 7401, as last amended July 11, 2004; DNREC, 2004b)
- **DRBC SWQS:** SWQS for the Delaware River Basin from the DRBC (18 CFR Part 140 Article 3, as last amended July 16, 2008; DRBC, 2008)
- **USEPA NRWQC:** National Recommended Water Quality Criteria (NRWQC) from the USEPA (2009).

4.1.1.1 Human Health Screening Criteria

The process to select the screening criteria for the protection of Human Health is comprised of the following two steps:

1. Select the most stringent of the criteria listed in DNREC SWQS or DRBC SWQS. If no value is listed, then
2. Select the criteria listed in USEPA NRWQC.

Table 4-1 presents available DNREC SWQSs and DRBC SWQSs for protection of human health from ingesting fish impacted by carcinogenic compounds and systemic toxicants. For manganese and pentachlorobenzene, no promulgated SWQS values are available; therefore, the USEPA NRWQC is used. No human health criteria are available for octachlorostyrene in any of the three documents referenced.

4.1.1.2 Aquatic Life Screening Criteria

The process to select the screening criteria for the protection of Aquatic Life is comprised of the following three steps:

1. Select the most stringent of the criteria listed in DNREC SWQSs or DRBC SWQSs. If no value is listed, then
2. Select the criteria listed in USEPA NRWQC. If no value is listed, then
3. Review other available water quality screening benchmarks.

Table 4-2 presents the available water quality criteria and benchmarks for protection of aquatic life. DNREC SWQSs and DRBC SWQSs for chronic toxic effects to aquatic life are only available for PCBs and arsenic. Water quality screening benchmark criteria were developed for the remaining constituents using the following approach:

- Benchmark values for antimony, hexachlorobenzene, hexachlorobutadiene, and tetra-chlorodibenzo(p)dioxin (TCDD) equivalents were derived from the USEPA Region 3 Biological Technical Assistance Group (BTAG) freshwater screening benchmarks (USEPA 2006).
- The manganese benchmark is based on a recently-developed criterion adopted by British Columbia, Canada (BCME, 2001) that is dependent on the hardness of the receiving water. The available literature recognizes that manganese toxicity varies with hardness. Therefore, this is the best method available to determine appropriate values.
- The thallium benchmark is based on a study that produced the lowest toxicity values to relevant fish species that could occur in the river, and represents a chronic exposure scenario for 30 days (LeBlanc, GA and J.W. Dean, 1984).

- The pentachlorobenzene benchmark is a Tier II Secondary Chronic value, as cited in the Oak Ridge National Laboratory Report (Suter and Tsao, 1996).

Table 4-1. Human Health Protection Screening Level Selection

Contaminant Of Concern (pg/L)	Delaware Surface Water Quality Standards (DNREC 2004b)		Delaware River Basin Commission (DRBC 2008)		National Recommended Water Quality Criteria (USEPA 2009b)	Lowest Relevant Criterion For Protection of Human Health[a]	
	Fish Ingestion		Freshwater Fish Ingestion		Human Health for the Consumption of Organism Only	Systemic Toxicants	Human Carcinogens
	Systemic Toxicants	Human Carcinogens	Systemic Toxicants	Human Carcinogens			
Metals[b]							
Antimony	1,600	N/A	4,310	N/A	640	1600	N/A
Arsenic (III)	N/A	N/A	73.4	N/A	0.14	73.4	N/A
Manganese	N/A	N/A	N/A	N/A	100[c]	100®	N/A
Thallium	18	N/A	6.2	N/A	0.47	6.2	N/A
Organic Compounds							
Hexachlorobenzene	0.36	0.00028	0.991	0.000775	0.00029	0.36	0.00028
Hexachlorobutadiene	2,900	18	7,750	49.7	18	2,900	18
Octachlorostyrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total PCBs	N/A	0.000064	0.00849	0.0000448	0.000064	0.00849	0.0000448
Pentachlorobenzene	N/A	N/A	N/A	N/A	1.5	1.5	N/A
Dioxin TEQ	N/A	5.10E-09	N/A	1.4E-08	5.10E-09	N/A	5.1E-09

[a] Lower of State of Delaware (2004b) or DRBC (2008) values, when available; otherwise, USEPA (2009b) criteria are adopted.

[b] State of Delaware and USEPA criteria for metals are based on dissolved concentration; DRBC values apply to total concentration.

[c] Manganese criterion from USEPA 2009b references Quality Criteria for Water from 1986 and 1976 which are based on consumption of marine mollusks.

N/A= Criterion not available

Table 4-2. Freshwater Aquatic Life Protection Screening Level Selection

Contaminant of Concern (pg/L)	Delaware Surface Water Quality Standards (DNREC 2004b)	Delaware River Basin Commission (DRBC 2008)	National Recommended Water Quality Criteria (USEPA 2009b)	Other Screening Benchmarks	Lowest Relevant Criterion for Protection ofAquatic Life[a]
Metals[b]					
Antimony	N/A	N/A	N/A	30	30
Arsenic (III)	150	190	150	—	150
Manganese	N/A	N/A	N/A	1150[c]	1,150
Thallium	N/A	N/A	N/A	40[d]	40
Organic Compounds					
Hexachlorobenzene	N/A	N/A	N/A	0.0003[e]	0.0003
Hexachlorobutadiene	N/A	N/A	N/A	1.3[e]	1.3
Octachlorostyrene	N/A	N/A	N/A	N/A	N/A
Total PCBs	0.014	0.014	0.014	—	0.014
Pentachlorobenzene	N/A	N/A	N/A	0.47[f]	0.47
Dioxin TEO	N/A	N/A	N/A	3.1E-09[e]	3.10E-09

[a] Lower of DNREC (2004b) or DRBC (2008) values, when available; otherwise, USEPA BTAG freshwater screening benchmarks (USEPA, 2006) is adopted with the exception of manganese, pentachlorobenzene and thallium.
[b] DNREC and USEPA criteria for metals are based on dissolved concentration; DRBC values apply to total concentration.
[c] Manganese criterion based on British Columbia chronic guideline at a hardness of 124 mg/L as CaCCh (BCME, 2001)
[d] 30-day chronic fathead minnow LOEC for thallium (Le Blanc, G. A. and J. W. Dean 1984).
[e] Bioaccumulative reference value
[f] Tier II Secondary chronic value (Suter and Tsao, 1996)
N/A = Criterion not available

The USEPA NRWQC and screening benchmarks are guidelines developed using approaches and assumptions that are not necessarily consistent with the methodologies used to derive DNREC or DRBC SWQS. These guideline values are used as references and do not carry the same regulatory significance as the formally promulgated water quality standards adopted by DNREC and DRBC.

No aquatic life toxicity reference values or benchmarks are available for octachlorostyrene in any of the documents referenced.

Table 4-3 summarizes the lowest selected relevant criterion for protection of human health and for protection of aquatic life. Criteria applicable to specific COCs are discussed further in Section 4.1.5.

Table 4-3. Selected Criteria and Benchmarks for Protection of Human Health and Aquatic Life

Contaminant Of Concern (pg/L)	Protection of Human Health		Protection of Aquatic Life
	Systemic Toxicants	Human Carcinogens	
Metals			
Antimony	1600	N/A	30
Arsenic	73.4	N/A	150
Manganese	100	N/A	1150
Thallium	6.2	N/A	40
Organic Compounds			
Hexachlorobenzene	.36	0.00028	0.0003[a]
Hexachlorobutadiene	2900	18	1.3
Octachlorostyrene	N/A	N/A	N/A
Total PCBs	0.00849	0.0000448	0.014
Pentachlorobenzene	1.5	N/A	0.47
Dioxin TEO	N/A	5.10E-09	3.10E-09[a]

[a] bioaccumulative reference value

4.1.2 Delaware River Flow Adjacent to the Site

Parsons used data from the United States Geological Survey (USGS) Gages to determine flow in the Delaware River. The Trenton Gage on the Delaware River is the closest upstream gage. The Schuylkill River (as measured at the Philadelphia Gage) enters the Delaware River between the Trenton Gage and the site. The flow values from both gage locations are summed to provide a conservative estimate of flow adjacent to the site. There are several other tributaries that enter the Delaware River between the Trenton Gage and the site that are not measured so the actual Delaware River flow adjacent to the site will be higher than that estimated by using the two referenced gages.

DNREC SWQSs (Title 7 Delaware Administrative Code Section 7401; DNREC, 2004b) identify critical flows to be used to develop water-quality-based discharge levels. The Table 4-4 displays the appropriate flow to be used with each type of risk category per DNREC SWQSs.

Table 4-4. Appropriate Risk Category Flow Rate

Risk Category	Flow Rate Used
Human Health Carcinogens	Harmonic Mean Flow
Human Health Systematic Toxicants	The flow of a 30-day duration with a recurrence interval of five years (generally known as the 30Q5 flow)
Chronic Toxicant Effects on Aquatic Wildlife	The flow of a seven-day duration with recurrence interval of 10 years (generally known as the 7010 flow)

Parsons followed DNREC SWQSs, and used the most recent 30-year period of record (1/1/1980 through 12/31/2009) to determine a statistical assessment of various critical low flow conditions of the Delaware River in the vicinity of the site shown in Table 4-5 (measured in cubic feet per second [cfs]).

Table 4-5. Critical Low Flow Conditions Assessment

Flow	Trenton Gage (Gage 01463500)	Philadelphia (Gage 01474500)	Total Flow Adjacent to Site
Harmonic Mean Flow	6,902 cfs	1,373 cfs	8,275 cfs
3005 Flow	2,807 cfs	410 cfs	3,217 cfs
7010 Flow	—	—	2,500 cfs

The 7010 flow, used for evaluating aquatic life chronic toxicity, is specified in the DRBC guidance document (DRBC, 2008) for water quality permitting in Zone 5 of the Delaware River (18 CFR Part 410 Section 4.30.7) as 2,500 cfs.

The flow values summarized above are referred to as the Delaware River Flow (QR) which is used in the calculations presented in Section 4.1.4.

4.1.3 Groundwater discharge to the Delaware River

Groundwater discharge from the closed surface impoundments area to the Delaware River, dew, is calculated based on Darcy's law, as follows:

$$Q_{GW} = fc^{*}/^{*}A$$

*QGW = 3.5 ft/d * 0.019 ft/ft *31,000 ft2 = 2.017 cubic feet per day (cft/d, or 0.024 cfs)*

Where

k = hydraulic conductivity = 3.5 feet per day (ft/d)
i = average hydraulic gradient = 0.019 foot/foot (ft/ft)
A = cross-sectional area of flow = 31,000 square feet

Hydraulic conductivity is based on the slug test result from monitoring well MW-02.

Average hydraulic gradient is based on hydraulic heads between the upgradient wells (MW-10 and MW-9) and the Delaware River water level. To be conservative, the maximum reported head in the upgradient wells, and the mean mid-tide levels in the Delaware River are used in this report. This mean mid-tide level is based on the Delaware River average elevation during a period of 139 hours (almost 6 days). The hydraulic gradient varies from 0.014 ft/ft to 0.024 ft/ft.

Cross-sectional area is calculated using a length of 1,550 feet along the Delaware River with a 20-foot "aquifer" thickness for the first water-bearing soil zone. However, there is no well defined aquifer zone in this region; only interbedded pockets of clayey sand, sandy clay, or sand were observed. A highly conservative thickness of 20 feet is used based on the maximum length of well screen (MW-2 and MW-3); the actual observed thickness of this interbedded zone ranges from <1.0 foot to 8 feet.

4.1.4 Surface Water Protection Factor

In January 2002, ENVIRON International Corporation prepared the *Exposure and Risk Evaluation for Process Ponds* (ENVIRON, 2002). This report concludes that groundwater is mixed with surface waters of the Delaware River prior to direct exposure to aquatic organisms, chemical uptake by fish, or recreational exposure.

This mixing of groundwater with the surface water introduces the concept of a SWPF, defined as the ratio of the flow of the surface water (Delaware River) to the flow of groundwater discharge from the closed surface impoundments area.

$$SWPF = Q_R/Q_{GW}$$

Using the values for QR and QGW listed in Sections 4.1.2 and 4.1.3, respectively (Table 4-6).

Table 4-6. Risk Category SWPF

Risk Category	OR	CLW	SWPF (rounded)
Human Health Carcinogens	8,275 cfs	0.024 cfs	339,300 SWPFHHc
Human Health Systematic Toxicants	3,217 cfs	0.024 cfs	131,900 SWPFnHST
Protection of Aquatic Life	2,500 cfs	0.024 cfs	102,500 SWPFpAL

4.1.5 Selection of Screening Levels

Site-specific screening levels are calculated by multiplying the values from Table 4-3 by the appropriate SWPF. All values are then compared to each other and then the lowest value for each COC is selected as the site-specific screening level.

To select the site-specific screening level:

1. Multiply the SWPFHHc by each Human Health Carcinogens Screening Factor for each COC.
2. Multiply the SWPFHHST by each Human Health Systemic Toxicants Screening Factor for each COC.
3. Multiply the SWPFpAL by each Protection of Aquatic Life Screening Factor for each COC.

The lowest calculated value for each COC is the selected site-specific screening level to be used for the closed surface impoundments assessment. Table 4-7 presents the final groundwater screening levels for use in the post-closure groundwater monitoring program.

Table 4-7. Final Selected Groundwater Screening Levels

Contaminant of Concern (mg/L)	Protection of Human Health		Protection of Aquatic Life	Selected Screening Level
	Systemic Toxicants	Human Carcinogens		
Relevant Flow	8,275 cfs (harmonic mean)	3,217 cfs (3005 flow)	2,500 cfs (7Q10 flow)	
Surface Water Protection Factor	131900	339300	102500	
Metals				
Antimony	211040.00	N/A	3075.00	3075.00
Arsenic	9681.46	N/A	15375.00	9681.46
Manganese	13190.00	N/A	117875.00	13190.00
Thallium	817.78	N/A	4100.00	817.78
OrganicCompounds				
Hexachlorobenzene	47.484	0.095	0.1018	0.095
Hexachlorobutadiene	382510.00	6107.40	133.25	133.25
Octachlorostyrene	N/A	N/A	N/A	0.01 [a]
Total PCBs	1.12	0.0152	1.435	0.0152
Pentachlorobenzene	197.85	N/A	48.175	48.175
Dioxin TEO	N/A	1.73E-06	1.05E-06	1.05E-06

[a] This is the most typical current PQL for Octachlorostyrene per USEPA Method SW 8270

N/A: Not Available

Table 4-8 summarizes the screening Level selected for each COC.

Table 4-8. COC Screening Levies

COC	Screening Level (mg/L)
Antimony	3075.00
Arsenic	9681.46
Manganese	13190.00
Thallium	817.78
Hexachlorobenzene	0.095
Hexachlorobutadiene	133.25
Octachlorostyrene	N/A (PQL =.01 will be used)
Total PBCs	0.0152

COC	Screening Level (mg/L)
Pentachlorobenzene	48.175
2,3,7,8-tetrachlorodibenzodoxin equivalent concentrations (Dioxin TEQ)	1.05E-06

For octachlorostyrene, the current analytical practical quantitation limit (PQL) using Method SW 8270C will be used as the groundwater screening level because no criteria, benchmarks, or other relevant toxicity data are currently available. Octachlorostyrene has not been detected in groundwater at the closed surface impoundments area. The current PQL, as of March 2010, is 10 pg/L.

Dioxin TEQ is calculated as the weighted sum of the concentrations of 7 dioxin congeners, 10 furan congeners, and 12 PCB congeners after each concentration is multiplied by a weighting toxic equivalency factor (TEF) specific to that congener.

4.1.6 Confirmation of an Exceedance

Following each semi-annual groundwater sampling event, the groundwater results will be compared to the screening levels.

If an individual COC returns a result above the corresponding screening levels, this finding does not necessarily indicate an issue with the post-closure remedy; this exceedance needs to be first confirmed. Confirmation will vary depending on the parameter as presented in Figure 4-1.

If the parameter is a total metal, then the laboratory will be requested to analyze the filtered sample to determine the dissolved concentration. If the dissolved metal concentration also exceeds the screening level, then re-sampling will be conducted to collect a confirmatory sample that will be analyzed for that particular metal parameter.

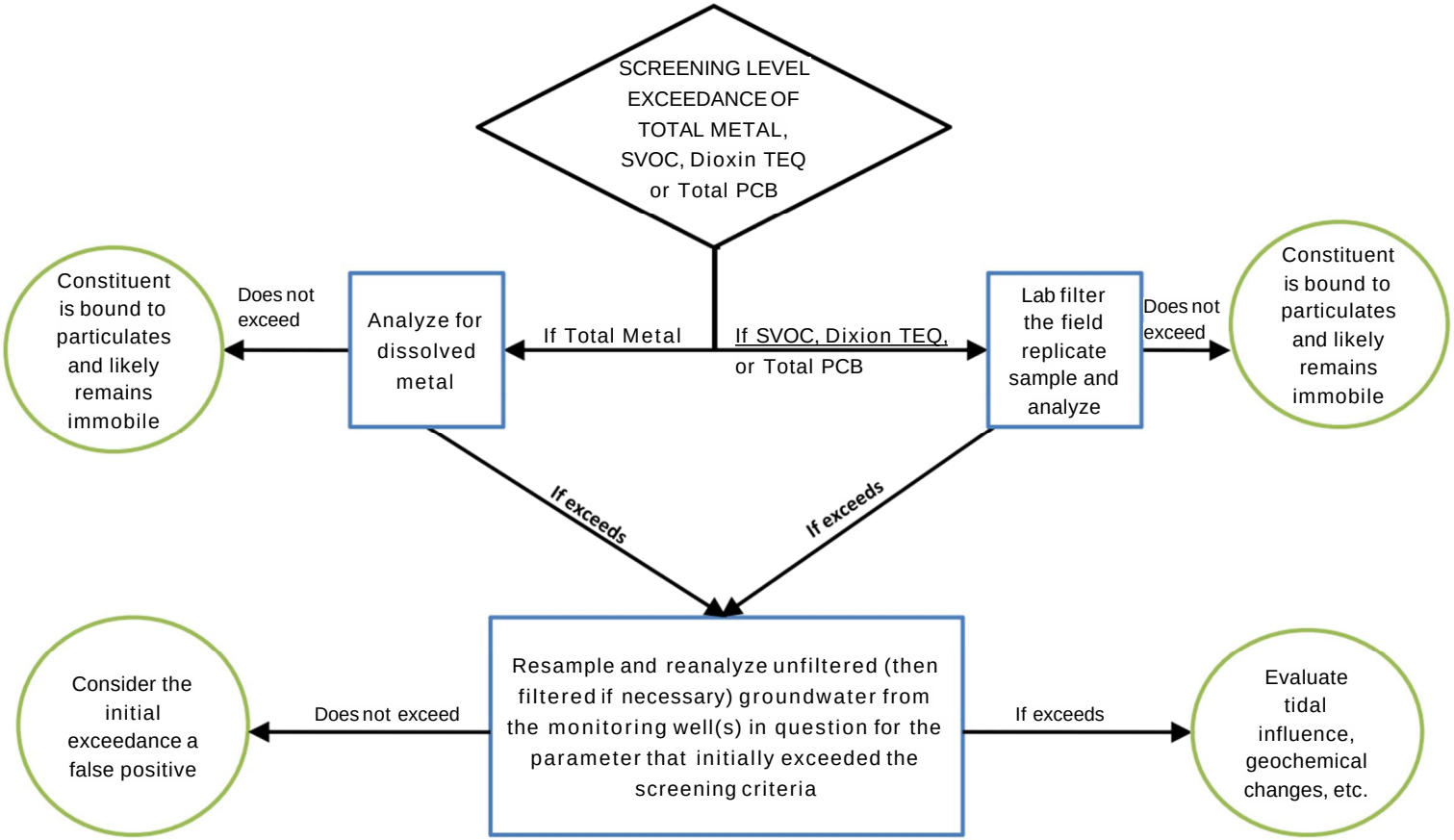
In the case of a measured SVOC or Total PCBs, or calculated Dioxin TEQ exceedance, the confirmation will consist of first filtering the replicate held in laboratory custody. The laboratory will then analyze the sample for the project list of parameters to determine whether the COC is bound to particulates, or if it is present in the dissolved form. The filtered sample results will be compared to the screening levels as described above. If the filtered-sample result also exceeds the respective screening levels, a re-sampling will be conducted to provide a second level of confirmation prior to any further action.

Results from re-sampling a specific well for confirmatory sampling (unfiltered and filtered) will be compared to the screening levels again for the particular parameter(s) in question.

- If the re-sampled result does not exceed the screening levels, then the initial result will be considered as a false positive.
- If the re-sampled result returns an exceedance from both the unfiltered and filtered sample analysis, then other physical and hydrogeological conditions will be reviewed.

Concentration changes could result from many factors, including on-site migration from an upgradient source or changing aquifer geochemistry (e.g., pH, ORP, and DO, or tidal influences). Therefore, the response to any confirmed exceedance will be determined on a case-by-case basis.

Figure 4-1. Screening Level Exceedance Action Matrix



5. Post-closure Maintenance Activities

This section describes the planned activities to maintain the integrity of the ponds' containment system (RCRA cap), the maintenance and inspection requirements of the site asphalt cap, inspection and maintenance of the stormwater swales, and the function of the monitoring and security systems.

DuPont installed a RCRA cap at each surface impoundment individually with a final cover capping system consisting of a geomembrane, drainage layer, cover soil layer, and final topsoil/vegetative cover. The geomembrane consisted of high-density polyethylene that was placed directly on the neutralized/stabilized solids. No sharp debris was present on or in the surface impoundment area that could have damaged the integrity of the geomembrane during installation. QC measures included procedures to remove such objects should they be found after grading the material. In addition, polyethylene geomembrane and treated impoundment solid material are chemically compatible.

DCT is expected to install an asphalt cap over 80% of the facility during Phase I and Phase II of construction. The asphalt inspection and maintenance requirements are separate from the original RCRA Cap installed at SWMU 6A-6D.

5.1 Inspections

The capping system surface, asphalt cap, the drainage conveyance, and other areas of the site will be inspected quarterly. The asphalt cap that was installed during Phase 1 development will be inspected on a semi-annual basis. Due to the homogenous nature of the treated solid material and the amount of cement added to each surface impoundment, very little differential settling is anticipated. Subsidence of the underlying silt and clay unit should also be minimal due to the length of time (over ten years) it has had to consolidate under the solid load. Any disturbance to the final cover (or other components of the capping system) will be repaired. The groundwater monitoring wells will be inspected during each routine sampling event (scheduled semiannually) and during the quarterly inspection of the capping system. Access to the closed surface impoundments is limited to authorized personnel, and a security system is in place (electronic surveillance system and security fencing maintained by thesite owner, DSPC.

5.2 Maintenance of the Waste Containment System (RCRA Cap), Asphalt Cap, and Surface Water Drainage Swales

A properly installed capping system, such as at the Edge Moor closed surface impoundments and asphalt cap will require minimum maintenance. The proper grade on the slopes of the capping system, coupled with an efficient drainage layer, promotes good drainage and minimizes long-term erosion. Maintaining the asphalt cover and surface-water runoff conveyances are the predominant maintenance tasks.

Post construction in Phase I, areas on the site which have not been paved, but have been graded, will be lined and clean soil placed as cover. Storm-water conveyance will be maintained during the time period from Phase I to Phase II.

Routine and as-needed maintenance operations will be conducted to ensure the function of the containment system and asphalt cap. The vegetative cover can be maintained through common horticultural practices. Plantings of fescue or rye grasses require periodic mowing to flourish. Plantings of warm and cold season grasses (similar to Cells 1, 2, and 3 of the DuPont Hay Road Landfill) are self-propagating without mowing and provide habitat for a variety of bird and mammal species.

Drainage conveyances such as culvert pipes, riprap-lined swales, or grass-lined swales also require periodic maintenance. This maintenance effort is typically more intense in the first two years after initial installation of the capping system, until the vegetation becomes established and sustained. The grading design for the four caps prevents run-on from impacting the final covers. The final cover at each impoundment is protected from significant erosion via run-off by the vegetative/top soil layer. Drainage from each capped impoundment is collected in a retention pond and then exits the DSPC property at storm-water outfalls.

Any damage (e.g., loss) of the vegetation or topsoil will be identified during the quarterly inspection and will be repaired and/or replaced when discovered. This includes any reseeding and mulching over eroded areas that may occur. Any damage that may occur due to severe storms or non-regular events will be corrected as needed. The damages and needed repair will be assessed and corrective measures implemented within a reasonable timeframe to prevent further vulnerability of the containment system.

Damage and significant cracks and breaks in the asphalt cap will be repaired and/or replaced when discovered. Asphalt repair will be conducted by removing damaged, broken, or unsound asphalt adjacent to patches, and then trimmed to straight lines exposing smooth, sound vertical edges. Patching the asphalt will be a minimum of 3 inches, or thickness of the adjacent asphalt, whichever is greater. Asphalt will be mixed across the width of the patches in equal thickness and compacted with a power roller capable of compression of 200 to 300 pounds per linear inch. Hand tampers will be used where rolling is impractical.

The DNREC Remediation Section-RCRA Corrective Action Group will be notified should DSPC discover any site damages incurred during storms or other events. Quarterly inspection reports will be included in the asphalt inspection semiannual reports and will identify and document the conditions and any repairs made to the controls if necessary.

5.3 Maintenance of the Groundwater Monitoring System

The monitoring system includes groundwater monitoring wells with protective steel covers that require little routine maintenance. The physical condition of the wells inspected during scheduled sampling events. The ability of the wells to provide valid groundwater samples will be determined during purging and water-level measurements. Wells may require redevelopment by surging, pumping, or bailing. These or other techniques to re-open well screens will be used as determined necessary by inspection of the wells. Wells that do not respond to redevelopment or become unusable will be replaced with new monitoring wells.

5.4 Maintenance of the Security System

The owner, DSPC, will be responsible for area security. After Phase 1 construction, the surface impoundments and partial site-wide remedy will be governed under the post-closure permit. Since Phase 1 will not complete the requirements of the FDRTC, the Site-wide Corrective Action portion of the permit will still be active, due to the final remedy requirements not being satisfied.

The entire facility will be surrounded by a fence (except on the Delaware River side), and plant guards control access to the facility 24 hours a day, 365 days per year based on the proposed development of the site. Staff working at the port will not require HAZWOPER training under normal working conditions. If

instances where work occurs beneath the site-wide remedy, and within Zones established in the EMHCP, then training and health and safety requirements in the EMHCP and PHSEP will be followed.

6. Reporting

Groundwater samples will be collected from monitoring wells on a semiannual basis, generally in March and September of each year. A semiannual data report will be generated following the first half of the year sampling period using the in-house environmental database. This data report will be provided electronically to the DNREC. An annual report will be prepared and submitted to the DNREC following the second half of the year sampling period and will include both hard-copy and electronic data. This report will include a detailed summary of all post-closure maintenance and monitoring activities conducted during the year, a summary of the data analyses, and any conclusions and recommendations derived from the data analysis.

Groundwater sampling and report submission, along with the semiannual asphalt cap inspection reports, will be in accordance with the schedule is summarized in Table 6-1.

Table 6-1. Groundwater Sampling and Report Submittal Schedule

Sampling Event	Sampling Schedule	Report Format	Date Due to DNREC
1st Half of Year	February to April	Electronic Data Deliverable Only	August 1
2nd Half of Year	August to October	Electronic Data Deliverable and Annual Report	March 1 of following year

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Appendix A
Groundwater Concentrations From Baseline Groundwater Compliance Limits Letter July 20, 2006

Appendix A. Groundwater Concentrations From Baseline Groundwater Compliance Limits Letter July 20, 2006

Table A-1. Groundwater Concentrations: MW-1

Sample Date	6/O5[al]		7/O5[al]		08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)														
1,2,3,4,6,7,8-HPCDD	3.48 J	—	2.58J	—	10.4 J	36.3	4.48 J	ND (3.97)	53.6	9.30 J	10.4 J	6.07 J	10.1 J	ND (3.2)
1,2,3,4,7,8-HXCDD	ND (1.68)	—	ND (1.57)	—	ND (1.13)	ND (0.682)	ND (2.1)	ND (1.48)	ND (1.25)	ND (2.35)	ND (1.31)	ND (1.38)	ND (0.311)	ND (1.85)
1,2,3,6,7,8-HXCDD	ND (1.71)	—	ND (1.51)	—	ND (1.16)	ND (1.8)	ND (2.18)	ND (1.42)	2.72 J	ND (2.5)	ND (1.42)	ND (1.46)	0.411 J	ND (1.94)
1,2,3,7,8,9-HXCDD	ND (1.7)	—	ND (1.45)	—	ND (1.13)	ND (1.89)	ND (2.02)	ND (1.37)	ND (1.21)	ND (2.35)	ND (1.33)	ND (1.37)	ND (0.53)	ND (1.91)
1,2,3,7,8-PECDD	ND (1.73)	—	ND (0.747)	—	ND (1.11)	ND (0.599)	ND (1.25)	ND (0.858)	ND (1.27)	ND (1.46)	ND (2.86)	ND (0.836)	ND (0.231)	ND (1.7)
2,3,7,8-TCDD	ND (1.14)	—	ND (0.829)	—	ND (0.79)	ND (0.437)	ND (1.01)	ND (0.788)	ND (0.817)	ND (0.728)	ND (1.86)	ND (0.432)	ND (0.264)	ND (1.74)
OCDD	136B	—	64.1	—	438	1850B	167	131	693 B	375 B	580 B	334	529 B	37.8 J
Total HPCDD	7.93	—	2.58	—	24.2	90.8	10.9	ND (8.25)	106	21.2	26.4	14.2	24.7	ND (3.2)
Total HXCDD	2.66	—	1.84	—	8.27	37.2	3.94	3.76	17.1	5.66	9.68	4.77	12.9	ND (1.9)
Total PECDD	ND (1.73)	—	ND (0.747)	—	ND (1.11)	3.93	ND (1.25)	ND (0.858)	ND (1.27)	ND (1.46)	ND (1.29)	ND (0.836)	0.723	ND (1.7)
Total TCDD	ND (1.14)	—	ND (0.829)	—	ND (0.79)	4.54	ND (1.01)	ND (0.788)	ND (0.817)	ND (0.728)	ND (1.86)	0.542	0.54 B	ND (1.74)
Furans (pg/L)														
1,2,3,4,6,7,8-HPCDF	ND (1.08)	—	ND (0.776)	—	ND (0.443)	ND (0.383)	ND (0.957)	ND (0.847)	**9.21 J**	ND (1.1)	ND (1.52)	ND (0.915)	ND (0.185)	ND (1.65)
1,2,3,4,7,8,9-HPCDF	ND (1.03)	—	ND (0.957)	—	ND (0.651)	ND (0.405)	ND (1.1)	ND (1)	ND (1.44)	ND (1.01)	ND (1.46)	ND (0.437)	ND (0.187)	ND (1.67)
1,2,3,4,7,8-HXCDF	ND (0.729)	—	ND (0.411)	—	ND (0.352)	ND (0.382)	ND (0.629)	ND (0.577)	ND (0.447)	ND (0.506)	ND (0.5)	ND (0.359)	ND (0.145)	ND (1.2)
1,2,3,6,7,8-HXCDF	ND (0.708)	—	ND (0.4)	—	ND (0.358)	ND (0.377)	ND(0.571)	ND (0.54)	ND (0.449)	ND (0.53)	ND (0.5)	ND (0.344)	ND (0.135)	ND (1.03)
1,2,3,7,8,9-HXCDF	ND (0.702)	—	ND (0.81)	—	ND (0.563)	ND (0.587)	ND (1.08)	ND (0.901)	ND (0.914)	ND (0.819)	ND (0.849)	ND (0.585)	ND (0.199)	ND (1.62)
1,2,3,7,8-PECDF	ND (3.48)	—	ND (1.24)	—	ND (1.27)	ND (0.521)	ND (1.35)	ND (1.38)	ND (1.19)	ND (1.11)	ND (1.88)	ND (0.52)	ND (0.223)	ND (1.07)
2,3,4,6,7,8-HXCDF	ND (0.483)	—	ND (0.462)	—	ND (0.369)	ND (0.423)	ND (0.637)	ND (0.566)	ND (0.538)	ND (0.547)	ND (0.534)	ND (0.38)	ND (0.142)	ND (1.28)
2,3,4,7,8-PECDF	ND (2.9)	—	ND (1.05)	—	ND (0.971)	ND (0.435)	ND (1.1)	ND (1.12)	ND (1.2)	ND (0.989)	ND (1.58)	ND (0.46)	ND (0.21)	ND (1.01)
2,3,7,8-TCDF	ND (1.4)	—	ND (1.53)	—	ND (0.532)	ND (0.308)	ND (1.01)	ND (0.883)	ND (0.755)	ND (0.673)	ND (1.31)	ND (0.45)	ND (0.279)	ND (2.1)
OCDF	ND (7.32)	—	ND (1.36)	—	ND (3.22)	3.39 B	ND (2.68)	ND (2.98)	**37.6 J**	ND (3.03)	**5.89 J**	ND (2.02)	1.22 B	ND (3.62)
Total HPCDF	ND (1.18)	—	ND (0.855)	—	ND (0.537)	ND (0.392)	ND (1.02)	ND (0.915)	**39.8**	ND (1.06)	ND (1.49)	ND (0.978)	ND (0.186)	ND (1.66)
Total HXCDF	ND (0.835)	—	ND (0.501)	—	ND (0.402)	ND (0.436)	ND (0.699)	ND (0.632)	**11.7**	ND (0.592)	ND (0.586)	ND (0.406)	ND (0.155)	ND (1.28)
Total PECDF	ND (3.17)	—	ND (1.14)	—	ND (1.11)	ND (0.476)	ND (1.22)	ND (1.24)	ND (1.23)	ND (1.05)	ND (1.73)	ND (0.489)	ND (0.216)	ND (1.04)
Total TCDF	**11.1**	—	ND (1.53)	—	ND (0.532)	ND (0.308)	ND (1.01)	ND (0.883)	ND (0.755)	ND (0.673)	ND (1.31)	ND (0.45)	ND (0.279)	ND (2.1)

Sample Date	6/05[al]		7/05[al]		08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Metals (ug/L)														
Antimony	ND (6.4)	ND (6.4)	<6.4 J	<6.4 J	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	<9.3 J	<9.3 J	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—	—
Manganese	6300	6850	15200	18200	9890	8060	6770	5470	9360	12500	17400	11800	7390	9120
Thallium	ND (10)	ND (10)	37.6 J	29.7J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND(10)	ND (10)
PCBs (pg/L)														
PCB77	ND (49)	—	**7.97 J**	——	3.05 B	2.83 B	ND (2.33)	6.59 B	ND (3.18)	ND (2.49)	ND (5.76)	**38.1**	ND (3.09)	ND (9.81)
PCB81	ND (49)	—	ND(3.01)	——	ND (1.59)	ND (1.18)	ND (1.57)	ND (3.79)	ND (3.2)	ND (2.33)	ND (5.93)	ND (3.56)	ND (3.79)	ND (9.43)
PCB105	ND (49)	—	**12.5 J**	——	ND (10.5)	ND (8.51)	ND (4.88)	ND (11.1)	ND (12.6)	ND (10.9)	ND (12.6)	**63.2**	ND (6.21)	ND (13.7)
PCB-106/118	**64.5**	—	**17.8 J**	——	ND (14.7)	ND (11.9)	ND (8.05)	15.2 J	ND (16.8)	ND (9.54)	ND (19.6)	124B	ND (5.81)	ND (11)
PCB114	ND (49)	—	ND (7.1)	——	ND (12.3)	ND (9.57)	ND (5.43)	ND (12.1)	ND (13.7)	ND (12.9)	ND (14.1)	ND (8.35)	ND (6.25)	ND (15.5)
PCB123	ND (49)	—	ND (6.68)	——	ND (13.8)	ND (11.3)	ND (7.79)	ND (9.73)	ND (18)	ND (10.2)	ND (18.9)	ND (17.4)	ND (6.46)	ND (11.7)
PCB126	ND (49)	—	ND (7.73)	——	ND (13)	ND (9.69)	ND (5.69)	ND (15.3)	ND (15.7)	ND (14.1)	ND (14.5)	ND (7.21)	ND (8.78)	ND (16.6)
PCB156	ND (49)	—	ND (1.41)	——	ND (1.86)	ND (2.68)	ND (2.5)	ND (5.19)	ND (3.19)	ND (3.04)	ND (5.79)	ND (26.5)J	ND (3.71)	ND (9.63)
PCB157	ND (49)	—	ND (1.41)	——	ND (1.94)	ND (2.88)	ND (2.63)	ND (5.57)	ND (3.25)	ND (3.1)	ND (6.42)	ND (2.83)	ND (3.65)	ND (10.6)
PCB167	ND (49)	—	ND (1.55)	——	ND (1.89)	ND (2.76)	ND (2.65)	ND (5.36)	ND (3.18)	ND (2.89)	ND (6.03)	ND (26.5)J	ND (3.38)	ND (10.4)
PCB169	ND (49)	—	4.1 B	—	3.64 B	ND (6.76)	**3.6 J**	ND (7.91)	ND (25.4)J	ND (3.73)	ND (7.1)	ND (7.32)	4.66 BJ	ND (11.6)
PCB189	ND (49)	—	ND (0.994)	——	ND (1.38)	ND (1.4)	ND (0.986)	ND (3.52)	ND (1.43)	ND (1.86)	ND (2.7)	ND (1.57)	ND (1.63)	ND (3.67)
Total Decachlorobiphenyls (Congeners)[b]	ND (49)	—	ND (50.8)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	ND (26.5)	ND (51)	ND (51.6)
Total Dichlorobiphenyls (Congeners)	ND (49)	—	ND (50.8)	——	ND (50.6)	ND (50.3)	ND (50.5)	ND (50.4)	ND (50.8)	ND (49)	ND (48.2)	ND (53)	ND (102)	ND (103)
Total Heptachlorobiphenyls (Congeners)	ND (49)	—	ND (50.8)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	ND (26.5)	ND (51)	ND (51.6)
Total Hexachlorobiphenyls (Congeners)	ND (49)	—	ND(50.8)B	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	**38.5**	4.66 B	ND (51.6)
Total Monochlorobiphenyls (Congeners)	ND (49)	—	ND (25.4)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	ND (26.5)	ND (51)	ND (51.6)
Total Nonachlorobiphenyls (Congeners)	ND (49)	—	ND (50.8)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	**222**	ND (26.5)	ND (51)	ND (51.6)
Total Octachlorobiphenyls (Congeners)	ND (49)	—	ND (50.8)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	**66.3**	ND (26.5)	ND (51)	ND (51.6)
Total PCB (Congeners)	7320 B	—	1170 B	——	6.69 B	2.83 B	3.60 B	21.8B	**32.5**	ND (49)	**289**	7630 B	4.66 B	ND (103)
Total Pentachlorobiphenyls (Congeners)	**588**	—	ND (50.8)	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	1040	ND (51)	ND (51.6)
Total Tetrachlorobiphenyls (Congeners)	**4320**	—	**791**	——	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	ND (25.4)	ND (24.5)	ND (24.1)	4670 B	ND (51)	ND (51.6)
Total Trichlorobiphenyls (Congeners)	**2410**	—	343 B	—	ND (25.3)	ND (25.2)	ND (25.2)	ND (25.2)	**27.2**	ND (24.5)	ND (24.1)	1880B	ND (51)	ND (51.6)

Sample Date	6/05 [a]		7/05 [a]		08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
SVOCs (ug/L)														
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND(1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND(1)	ND (1)	ND (1)
Octachlorostyrene	ND(2)J	ND(2)J	ND (2)	ND (2)	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] First column - original results, second column - duplicate sample results

[b] PCB 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration ND: Not Detected

Table A-2. Groundwater Concentrations: MW-2

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	6.88 J	4.56 J	10.2 J	16.0 J	7.73 J	12.5 J	80.5	42.3	24.9	12J	9.62 J	ND (2.6)
1,2,3,4,7,8-HXCDD	ND (2.33)	ND (1.64)	ND (2.88)	ND (0.931)	ND (3.11)	ND (1.47)	ND (1.2)	ND (2.57)	ND (1.65)	ND (1.71)	ND (0.241)	ND (1.42)
1,2,3,6,7,8-HXCDD	ND (2.34)	ND (1.48)	ND (2.77)	ND (0.882)	ND (3.21)	ND (1.45)	2.64J	ND (2.67)	ND (1.71)	ND (1.74)	ND (0.253)	ND (1.48)
1,2,3,7,8,9-HXCDD	ND (2.34)	ND (1.46)	ND (2.77)	ND (0.854)	ND (2.99)	ND (1.38)	3.13J	ND (2.54)	ND (1.63)	ND (1.67)	0.502 J	ND (1.47)
1,2,3,7,8-PECDD	ND (0.82)	ND (0.998)	ND (1.33)	ND (0.65)	ND (1.99)	ND (0.945)	ND (1.07)	ND (1.21)	ND (2.65)	ND (0.564)	ND (0.219)	ND (1.51)
OCDD	141 B	65	188	289 B	136	268	1180 B	788 B	519B	271	200 B	ND (4.08)
2,3,7,8-TCDD	ND (0.996)	ND (0.748)	ND (0.841)	ND (0.756)	ND (1.45)	ND (0.649)	ND (0.862)	ND (0.996)	ND (1.89)	ND (0.462)	ND (0.199)	ND (1.63)
Total TCDD	2.37	ND (0.748)	ND (1.53)	ND (2.74)	ND (1.45)	2.20	11.2	7.61	3.61	3.53	2.24 B	ND (1.63)
Total PECDD	1.29	ND (0.998)	ND (1.33)	2.34	ND (1.99)	2.02	15.6	9.54	ND (3.66)	1.96	2.13	ND (1.51)
Total HXCDD	4.54	2.59	6.65	14.8	4.86	8.57	60.1	41.1	20.5	10.5	10.9	ND (1.46)
Furans (pg/L)												
Total TCDF	5.53	ND (0.786)	ND (0.628)	ND (0.543)	ND (0.895)	ND (0.701)	ND (0.851)	ND (0.673)	ND (1.4)	ND (0.569)	ND (0.265)	ND (1.89)
OCDF	ND (6.26)	ND (1.95)	ND (2.51)	1.81 B	ND (3.1)	1.40 J	22.2 J	9.80 J	5.10J	ND(2.61)	1.10 B	ND (3.83)
1,2,3,4,6,7,8-HPCDF	ND (1.41)	ND (0.751)	ND (0.355)	0.961 J	ND (1.14)	<0.618	5.30J	ND (0.868)	ND (1.38)	ND (1.19)	ND (0.171)	ND (1.28)
1,2,3,4,7,8,9-HPCDF	ND (0.763)	ND (0.955)	ND (0.513)	ND (0.349)	ND (1.3)	ND (0.685)	ND (0.919)	ND (0.851)	ND (1.46)	ND (0.6)	ND (0.175)	ND (1.25)
1,2,3,4,7,8-HXCDF	ND (0.915)	ND (0.392)	ND (0.446)	ND (0.275)	ND (1.47)	ND (0.477)	ND (0.372)	ND (0.334)	ND (0.299)	ND (0.457)	ND (0.153)	ND (1.18)
1,2,3,6,7,8-HXCDF	ND (0.879)	ND (0.378)	ND (0.437)	ND (0.284)	ND (1.33)	ND (0.467)	ND (0.369)	ND (0.321)	ND (0.307)	ND (0.452)	ND (0.147)	ND (1.03)
1,2,3,7,8,9-HXCDF	ND (1.39)	ND (0.756)	ND (0.638)	ND (0.428)	ND (2.69)	ND (0.784)	ND (0.725)	ND (0.509)	ND (0.526)	ND (0.716)	ND (0.211)	ND (1.67)
1,2,3,7,8-PECDF	ND (1.55)	ND (1.18)	ND (0.789)	ND (0.85)	ND (1.54)	ND (1.35)	ND (1.09)	ND (1.62)	ND (1.99)	ND (0.702)	ND (0.174)	ND (1.13)
2,3,4,6,7,8-HXCDF	ND (0.966)	ND (0.444)	ND (0.462)	ND (0.316)	ND (1.54)	ND (0.488)	ND (0.439)	ND (0.365)	ND (0.332)	ND (0.485)	ND (0.159)	ND (1.24)
2,3,4,7,8-PECDF	ND (4.42)	ND (1.07)	ND (0.668)	ND (0.677)	ND (1.32)	ND (1.19)	ND (0.949)	ND (1.57)	ND (1.89)	ND (0.665)	ND (0.155)	ND (1.03)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
2,3,7,8-TCDF	ND (1.05)	ND (0.786)	ND (0.628)	ND (0.543)	ND (0.895)	ND (0.701)	ND (0.851)	ND (0.673)	ND (1.4)	ND (0.569)	ND (0.265)	ND (1.89)
Total HPCDD	16.9	11.7	24.9	38.7	21.4	33.8	183	110	67.2	33.1	23.5	ND (2.6)
Total HPCDF	ND (1.55)	ND (0.839)	ND (0.427)	0.961	ND (1.21)	ND (0.647)	21	ND (0.86)	ND (1.42)	ND (1.29)	ND (0.173)	ND (1.26)
Total HXCDF	ND (1.02)	ND (0.474)	ND (0.49)	0.533	ND (1.67)	ND (0.664)	7.2	ND (0.378)	ND (0.36)	ND (0.515)	ND (0.168)	ND (1.28)
Total PECDF	2.40	ND (1.12)	ND (0.726)	ND (0.759)	ND (1.43)	ND (1.27)	ND (1.02)	ND (1.59)	ND (1.94)	ND (0.684)	ND (0.164)	ND (1.08)
Metals (ug/L)												
ANTIMONY	ND (64)	47.2 J	ND (32)	ND (64)	ND (64)	ND (128)	ND (64)	ND (64)	ND (64)	ND (64)	ND (64)	ND (64)
Arsenic	ND (93)	128J	ND (233)	ND (186)	ND (93)	ND (186)	ND (93)	128J	ND (93)	112 J	96.1 J	163J
Lead	ND (84)	—	—	ND (168)	—	—	—	—	—	—	—	—
Manganese	152000	177000	179000	164000	147000	169000	149000	150000	154000	150000	148000	146000
Thallium	ND (100)	306 J	ND (250)	228J	ND (100)	ND (200)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)
PCBs(pg/L)												
PCB77	ND (49.1)J	4.27 J	2.32 B	3.62 B	3.14J	ND (3.32)	ND (6.71)	ND (5.57)	6.36 J	53.3	ND (5.26)	ND (8.77)
PCB81	ND (49.1)	ND (1.9)	ND (1.31)	ND (1.56)	ND (1.66)	ND (3.02)	ND (2.69)	ND (5.16)	ND (5.15)	ND (4.3)	ND (3.73)	ND (8.34)
PCB105	ND (49.1)J	8.32 J	ND (12.8)	ND (8.11)	ND (4.04)	6.51 J	ND (10.8)	ND (12.1)	ND (18.1)	77.5	ND (8.17)	ND (14.2)
PCB-106/118	80.2	9.50 J	ND (13.9)	ND (15.9)	7.74 J	14.2 J	ND (13.7)	ND (20)	ND (18.3)	138B	ND (7.43)	ND (12.9)
PCB114	ND (49.1)	ND (6.84)	ND (13.1)	ND (9.11)	ND (4.6)	ND (9.29)	ND (11.4)	ND (13.8)	ND (19.1)	ND (6.03)	ND (7.79)	ND (14.4)
PCB123	ND (49.1)	ND (5.71)	ND (14.6)	ND (15.4)	ND (3.58)	ND (7.42)	ND (14.6)	ND (19.3)	ND (17.1)	ND (8.85)	ND (7.52)	ND (13.7)
PCB126	ND (49.1)	ND (7.72)	ND (14)	ND (10.1)	ND (4.73)	ND (11.4)	ND (13.6)	ND (15.3)	ND(19.8)	ND (5.45)	ND (8.06)	ND (16)
PCB156	ND (49.1)	ND (2.15)	ND (1.78)	ND (2.94)	ND (2.29)	ND (4.14)	ND (4.15)	ND (4.81)	ND (5.11)	ND (25.5)J	ND (3.17)	ND (9.25)
PCB157	ND (49.1)	ND (2.27)	ND(1.86)	ND (3.19)	ND (2.35)	ND (4.42)	ND (4.45)	ND (5.02)	ND (5.17)	ND (7.36)	ND (3.39)	ND (9.23)
PCB167	ND (49.1)	ND (2.42)	ND (1.66)	ND (2.98)	ND (2.33)	ND (4.26)	ND (4.16)	ND (4.85)	ND (5.21)	ND (6.99)	ND (5.21)	ND (9.46)
PCB169	ND (49.1)	4.64 B	2.93 B	ND (4.25)	3.4 J	ND (6.29)	ND (5.54)	ND (6.22)	ND (6)	ND (7.44)	ND (9.25)	ND (11.8)
PCB189	ND (49.1)	ND (1.12)	ND (24.5)	ND (1.56)	ND (1.3)	ND (1.27)	ND (1.97)	ND (2.2)	ND (4)	ND (1.32)	ND (1.36)	ND (4.71)
Total Decachlorobiphenyls (Congeners)[a]	ND (49.1)	ND (51.4)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	ND (25.5)	ND (25.8)	ND (51.6)
Total Dichlorobiphenyls (Congeners)	ND (49.1)	ND (51.4)	ND (49.1)	ND (50.5)	ND (49.9)	ND (49.8)	ND (52.8)	ND (49.7)	ND (49.5)	ND (51)	ND (51.5)	ND (104)
Total Heptachlorobiphenyls (Congeners)	ND (49.1)	ND (51.4)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	ND (25.5)	ND (25.8)	ND (51.6)
Total Hexachlorobiphenyls (Congeners)	ND (49.1)	ND (51.4)B	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	36.2	ND (25.8)	ND (51.6)
Total Monochlorobiphenyls (Congeners)	ND (49.1)	ND (25.7)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	ND (25.5)	ND (25.8)	ND (51.6)
Total Nonachlorobiphenyls (Congeners)	ND (49.1)	ND (51.4)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	ND (25.5)	ND (25.8)	ND (51.6)
Total Octachlorobiphenyls (Congeners)	ND (49.1)	ND (51.4)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	ND (25.5)	ND (25.8)	ND (51.6)
Total PCB (Congeners)	5010B	121 B	5.24 B	155B	539	20.7 B	ND (52.8)	174B	6.36	3030 B	ND (51.5)	ND (104)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Total Pentachlorobiphenyls (Congeners)	546	ND (51.4)	ND (24.5)	ND (25.2)	ND (25)	ND (24.9)	ND (26.4)	ND (24.8)	ND (24.8)	711 B	ND (25.8)	ND (51.6)
Total Tetrachlorobiphenyls (Congeners)	2920	ND (51.4)	ND (24.5)	124	424	ND (24.9)	ND (26.4)	94.1 B	ND (24.8)	1740B	ND (25.8)	ND (51.6)
Total Trichlorobiphenyls (Congeners)	1540	94 B	ND (24.5)	30.9	103	ND (24.9)	ND (26.4)	80.2 B	ND (24.8)	539 B	ND (25.8)	ND (51.6)
SVOCs (ug/L)												
Hexachlorobenzene	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)	ND (1)J	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)	ND (1)J	ND (1)
Pentachlorobenzene	ND (2)	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)	ND (2)J	ND (2)J	ND (2)J	ND (2)	ND (2)J	ND (2)
Octachlorostyrene	ND(2)J	ND(2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)	ND (2)J	ND(2)J	ND(2)J	ND (2)	ND(2)J	ND (2)

[al] PCB209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration ND: Not Detected

Table A-3. Groundwater Concentrations: MW-3

Sample Date	06/05	07/05	08/05	9/05 [al]		10/05 [al]		11/05 [bl]		12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)															
1,2,3,4,6,7,8-HPCDD	ND (5.88)	ND (1.9)	**2.02 J**	**3.16J**	**2.64 J**	**1.27J**	ND (1.68)	**3.28J**	**2.40 J**	**4.75 J**	ND (2.4)	ND (1.33)	**1.96 J**	**1.31 J**	ND (2.67)
1,2,3,4,7,8-HXCDD	ND (1.51)	ND(1.23)	ND (1.96)	ND (1.05)	ND (0.988)	ND (1.68)	<0.855	ND (1.19)	ND (1.33)	ND (1.26)	ND (1.4)	ND (1.87)	ND (1.32)	ND (0.294)	ND (2.18)
1,2,3,6,7,8-HXCDD	ND (1.4)	ND (1.26)	ND (1.93)	ND (1.1)	ND (0.943)	ND (1.68)	<0.888	ND (1.18)	ND (1.39)	ND (1.25)	ND (1.48)	ND (1.86)	ND (1.35)	ND (0.301)	ND (2.33)
1,2,3,7,8,9-HXCDD	ND (1.45)	ND (1.17)	ND (1.91)	ND (1.02)	ND (0.91)	ND (1.59)	ND (0.824)	ND (1.12)	ND (1.28)	ND (1.23)	ND (1.4)	ND (1.8)	ND (1.29)	ND (0.301)	ND (2.28)
1,2,3,7,8-PECDD	ND (0.861)	ND (0.824)	ND (0.699)	ND (0.619)	ND (0.573)	ND (1.04)	ND (1.7)	ND (0.77)	ND (0.71)	ND (0.852)	ND (0.99)	ND (2.46)	ND (0.567)	ND (0.217)	ND (1.94)
2,3,7,8-TCDD	ND (0.876)	ND (0.6)	ND (0.641)	ND (0.605)	<0.793	ND (1.01)	ND (1.08)	ND (1.13)	ND (0.584)	ND (0.656)	ND (0.893)	ND (1.23)	ND (0.483)	ND (0.211)	ND (2.05)
OCDD	69.9 B	**13.4 J**	**94.1**	154B	101 B	**37.4 J**	**24.1 J**	**153**	**76.7**	161 B	170B	50.5 J,B	**121**	56.6 B	ND (2.35)
Total HPCDD	ND (5.88)	ND (1.9)	**2.02**	**5.77**	**5.16**	**1.27**	ND (1.68)	**3.28**	**2.40**	**9.65**	ND (4.97)	ND (1.33)	**1.96**	2.98 B	ND (2.67)
Total HXCDD	ND (1.45)	ND (1.22)	ND (1.93)	**1.29**	**1.02**	ND (1.65)	ND (0.856)	**1.44**	**ND (1.33)**	**1.40**	ND (1.43)	ND (1.84)	**0.798**	**0.632**	ND (2.26)
Total PECDD	ND (0.861)	ND (0.824)	ND (0.699)	ND (0.619)	ND (0.573)	ND (1.04)	ND (1.7)	ND (0.77)	ND (0.71)	ND (0.852)	ND (0.99)	ND (2.33)	ND (0.567)	ND (0.217)	ND (1.94)
Total TCDD	**10.5**	**1.65**	**10.2**	**10.6**	**12.1**	**3.66**	**2.36**	**12.5**	**7.28**	**11.2**	**8.73**	**2.07**	**7.77**	**4.47**	ND (2.05)
Furans (pg/L)															
1,2,3,4,6,7,8-HPCDF	ND (0.988)	ND (0.665)	ND (0.534)	**1.45 J**	**0.867 J**	ND (0.999)	ND (0.799)	ND (1.15)	ND (0.557)	**1.04 J**	ND (0.615)	ND (0.932)	ND (2.2)	ND (0.402)	ND (1.93)
1,2,3,4,7,8,9-HPCDF	ND (1.29)	ND (0.808)	ND (0.797)	ND (0.47)	ND (0.251)	ND (1.14)	ND (0.868)	ND (1.22)	ND (0.628)	ND (0.679)	ND (0.608)	ND (1.09)	ND (0.666)	ND (0.18)	ND (1.98)
1,2,3,4,7,8-HXCDF	ND (0.849)	ND (0.385)	ND (0.581)	**0.5 J**	ND (0.289)	ND (0.44)	ND (0.532)	ND (0.528)	ND (0.43)	ND (0.28)	ND (0.434)	ND (0.415)	ND (0.572)	ND (0.136)	ND (1.14)
1,2,3,6,7,8-HXCDF	ND (0.792)	ND (0.371)	ND (0.544)	ND (0.279)	ND (0.288)	ND (0.387)	ND (0.513)	ND (0.497)	ND (0.418)	ND (0.283)	ND (0.434)	ND (0.425)	ND (0.564)	ND (0.12)	ND (0.994)
1,2,3,7,8,9-HXCDF	ND (1.31)	ND (0.769)	ND (0.842)	ND (0.467)	ND (0.475)	ND (0.727)	ND (0.9)	ND (0.838)	ND (0.711)	ND (0.49)	ND (0.616)	ND (0.698)	ND (0.892)	ND (0.191)	ND (1.66)
1,2,3,7,8-PECDF	ND (2.28)	ND (1.14)	ND (1.11)	ND (0.69)	ND (1.12)	ND (0.951)	ND (1.64)	ND (1.36)	ND (1.12)	ND (1.07)	ND (0.805)	ND (1.97)	ND (0.768)	ND (0.164)	ND (1.29)

Sample Date	06/05	07/05	08/05	9/05W		10/05[aI]		11/05[bl]		12/05	01/06	02/06	03/06	04/06	05/06
2,3,4,6,7,8-HXCDF	ND (0.924)	ND (0.438)	ND (0.592)	ND (0.294)	ND (0.302)	ND (0.462)	ND (0.557)	ND (0.555)	ND (0.458)	ND (0.315)	ND (0.455)	ND (0.453)	ND (0.633)	ND (0.136)	ND (1.27)
2,3,4,7,8-PECDF	ND (2.01)	ND (0.988)	ND (0.952)	ND (0.534)	ND (0.907)	ND (0.844)	ND (1.49)	ND (1.14)	ND (1)	ND (1.11)	ND (0.757)	ND (1.93)	ND (0.708)	ND (0.158)	ND (1.26)
2,3,7,8-TCDF	ND (1.39)	ND (0.853)	ND (0.75)	ND (0.439)	ND (0.432)	ND (0.673)	ND (0.839)	ND (0.806)	ND (0.705)	ND (0.802)	ND (0.56)	ND (1.46)	ND (0.671)	ND (0.228)	ND (2.38)
OCDF	ND (6.69)	ND (1.85)	ND (4.53)	4.31 B	3.66 B	ND (2.27)	ND (1.95)	**5.30J**	**2.75 J**	**5.73 J**	**11.0 J**	**4.41 J**	ND (5.21)	4.18B	ND (4.23)
Total HPCDF	ND (1.12)	ND (0.728)	ND (0.654)	**1.45**	**1.37**	ND (1.06)	ND (0.829)	ND (1.18)	ND (0.588)	**1.04**	ND (0.612)	ND (1)	ND (2.26)	0.402 B	ND (1.96)
Total HXCDF	ND (1.13)	ND (0.472)	ND (0.629)	**1.30**	ND (0.383)	ND (0.485)	ND (0.605)	ND (0.593)	ND (0.494)	**1.20**	ND (0.48)	ND (0.491)	ND (0.572)	ND (0.146)	ND (1.27)
Total PECDF	ND(2.14)	ND (1.06)	ND (1.03)	**1.83**	ND (1.01)	ND (0.895)	ND (1.57)	ND (1.25)	ND (1.06)	ND (1.08)	ND (0.781)	ND (1.95)	ND (0.738)	ND (0.161)	ND (1.28)
Total TCDF	ND (3.03)	ND (0.853)	ND (0.75)	ND (0.439)	ND (0.432)	ND (0.673)	ND (0.839)	ND (0.806)	ND (0.705)	ND (0.802)	ND (0.56)	ND (1.46)	ND (0.671)	ND (0.228)	ND (2.38)
Metals (ug/L)															
Antimony	ND (6.4)	**ND (6.4)**	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (32)	ND (6.4)	ND (64)
Arsenic	ND (9.3)	**ND (9.3)**	**ND (9.3)**	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	**17.5 J**	ND (9.3)	ND (9.3)	<46.5	ND (9.3)	ND (93)
Lead	9.3 J	—	—	ND (9.4)	ND (9.4)	—	—	—	—	—	—	—	—	—	—
Manganese	**5050**	**5440**	**5060**	**8500**	**5350**	**6070**	**5560**	**6200**	**6620**	**7590**	**6370**	**6660**	**9690**	**7650**	**8310**
Thallium	ND (50)	**ND (10)J**	**24.4**	**17.4 J**	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	**16.4 J**	ND (10)	ND (10)	ND (50)	ND (50)	ND (100)
PCBs (pg/L)															
PCB77	ND (49.2)	**4.89 J**	4.21 B	3.57 B	3.91 B	ND (2.82)	ND (5.34)J	9.88 B	ND (3.87)	ND (5.34)	ND (4.14)	ND (5.91)	**43.7**	ND (6.71)	ND (10.7)
PCB81	ND (49.2)	ND (2.52)	ND (1.97)	ND (1.7)	ND (1.65)	ND (2.8)	ND (1.82)	ND (3.39)	ND (3.59)	ND (5.09)	ND (3.84)	ND (5.65)	ND (8.12)	ND (2.49)	ND (10.9)
PCB105	ND (49.2)	**7.79 J**	ND (10.3)	ND (7.59)	ND (9.27)	ND (5.35)	ND (11.7)	**12.5 J**	ND (7.45)	ND (13)	ND (12.1)	ND (13.9)	**71.1**	ND (5.62)	ND (11.9)
PCB-106/118	ND (49.2)	**11.8 J**	ND (12.7)	ND (9.01)	ND (10.1)	ND (5.44)	ND (10.1)	**24.1 J**	**13.9 J**	ND (17.9)	ND (10.5)	ND (19.9)	117 B	ND (6.93)	ND (13.5)
PCB114	ND (49.2)	ND (6.02)	ND (10.9)	ND (8.68)	ND (10.1)	ND (5.61)	ND(12.2)	ND (8.68)	ND (7.76)	ND (13.3)	ND (13.3)	ND (15.8)	ND (10.4)	ND (4.88)	ND (12.4)
PCB123	ND (49.2)	ND (12.3)	ND (12.3)	ND (9.24)	ND (10.4)	ND (5.56)	ND (10.5)	ND (8.78)	ND (7.06)	ND (19.4)	ND (10.4)	ND (18.6)	ND (16.4)	ND (7.92)	ND (13.6)
PCB126	ND (49.2)	ND (7.28)	ND (12.3)	ND (9.19)	ND (11.3)	ND (6.15)	ND (12.8)	ND (11.2)	ND (10.3)	ND (17.3)	ND (14.9)	ND (16)	ND (10.4)	ND (8.13)	ND (13.5)
PCB156	ND (49.2)	ND (1.83)	ND (2.12)	ND (2.69)	ND (1.97)	ND (3.41)	ND (2.08)	ND (5.02)	ND (4.31)	ND (4.7)	ND (3.68)	ND (5.8)	ND (7)	ND (3.97)	ND (9.9)
PCB157	ND (49.2)	ND (1.9)	ND (2.28)	ND (2.76)	ND (2.1)	ND (3.41)	ND (2.21)	ND (5.32)	ND (4.76)	ND (5.06)	ND (3.88)	ND (6.19)	ND (7.02)	ND (3.96)	ND (10.4)
PCB167	ND (49.2)	ND (1.81)	ND (2.16)	ND (2.66)	ND (2.14)	ND (3.41)	ND (2.45)	ND (5.19)	ND (4.24)	ND (4.59)	ND (3.96)	ND (5.78)	ND (7.7)	ND (4.67)	ND (10.5)
PCB169	ND (49.2)	3.44 B	3.85 B	ND (3.29)	5.12B	**4.46 J**	**3.46 J**	ND (7.71)	ND (6.59)	ND (6.39)	ND (4.79)	ND (7.08)	ND (8.24)	ND (5.08)	ND (12.5)
PCB189	ND (49.2)	ND (1.11)	ND (1.6)	ND (2.07)	ND (1.49)	ND (1.74)	ND (2.17)	ND (2.7)	ND (1.81)	ND (2.61)	ND (2.05)	ND (2.87)	ND (1.74)	ND (2.07)	ND (3.83)
Total Decachlorobiphenyls (Congeners)™	**52.4**	ND (51.8)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	ND (26.2)	ND (26.3)	ND (52.5)
Total Dichlorobiphenyls (Congeners)	**85.4**	ND (51.8)	ND (49.7)	ND (51.9)	ND (49.3)	ND (51.1)	ND (52)	ND (49.4)	ND (50)	ND (52.7)	ND (50.3)	ND (50.4)	ND (52.1)	ND (52.7)	ND (105)
Total Heptachlorobiphenyls (Congeners)	ND (49.2)	ND (51.8)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	ND (26.2)	ND (26.3)	ND (52.5)
Total Hexachlorobiphenyls (Congeners)	ND (49.2)	ND (51.8)B	ND (24.9)	ND (25.9)	<24.7 B	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	**32.6**	ND (26.3)	ND (52.5)
Total Monochlorobiphenyls (Congeners)	ND (49.2)	ND (25.9)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	ND (26.2)	ND (26.3)	ND (52.5)

Sample Date	06/05	07/05	08/05	9/05W		10/05[aI]		11/05[bl]		12/05	01/06	02/06	03/06	04/06	05/06
Total Nonachlorobiphenyls (Congeners)	ND (49.2)	ND (51.8)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	ND (26.2)	ND (26.3)	ND (52.5)
Total octachlorobiphenyls (congeners)	ND (49.2)	ND (51.8)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	ND (26.2)	ND (26.3)	ND (52.5)
Total PCB (Congeners)	1690B	488 B	8.06 B	3.57 B	9.03 B	4.46 B	3.46 B	252 B	13.9B	ND (52.7)	31.8B	ND (50.4)	3300 B	ND (52.7)	ND (105)
Total Pentachlorobiphenyls (Congeners)	ND (49.2)	ND (51.8)	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	**90.4**	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	578 B	ND (26.3)	ND (52.5)
Total Tetrachlorobiphenyls (Congeners)	**944**	**347**	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	162B	ND (25)	ND (26.3)	31.8B	ND (25.2)	1940B	ND (26.3)	ND (52.5)
Total Trichlorobiphenyls (Congeners)	**563**	**118 B**	ND (24.9)	ND (25.9)	ND (24.7)	ND (25.6)	ND (26)	ND (24.7)	ND (25)	ND (26.3)	ND (25.2)	ND (25.2)	749 B	ND (26.3)	ND (52.5)
SVOCs (ug/L)															
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (10)	ND (10)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (10)	ND (10)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND(2)J	ND (2)J	ND (2)J	ND(2)J	ND(2)J	ND(2)J	ND(2)J	ND (20)	ND (20)	ND (4)	ND(2)J	ND(2)J	ND(2)J	ND(2)J	ND(2)J
Pentachlorobenzene	ND (2)	ND (2)J	ND (2)J	ND (2)J	ND(2)J	ND (2)J	ND(2)J	ND (20)	ND (20)	ND (4)	ND (2)J	ND(2)J	ND (2)J	ND(2)J	ND (2)J

[A] First column - original results, second column - duplicate sample results

[B] PCB 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration ND: Not Detected

Table A-4. Groundwater Concentrations: MW-4

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (1.95)	ND (1.27)	ND (0.873)	ND (0.689)	ND (3.27)	ND (3.24)	**8.12J**	**1.96 J**	ND (1.57)	ND (2.03)	**0.821 J**	ND (2.75)
1,2,3,4,7,8-HXCDD	ND (1.66)	ND(1.26)	ND (1.04)	ND (0.61)	ND (1.54)	ND(1.29)	ND (0.914)	ND (1.03)	ND (1.84)	ND (0.868)	ND (0.279)	ND (1.78)
1,2,3,6,7,8-HXCDD	ND (1.77)	ND (1.28)	ND (1.01)	ND (0.652)	ND (1.53)	ND (1.33)	ND (0.969)	ND (1.14)	ND (1.94)	ND (0.914)	ND (0.294)	ND (1.93)
1,2,3,7,8,9-HXCDD	ND (1.72)	ND (1.2)	ND (1.01)	ND (0.597)	ND (1.45)	ND (1.24)	ND (0.921)	ND (1.05)	ND (1.83)	ND (0.861)	ND (0.289)	ND (1.87)
1,2,3,7,8-PECDD	ND (0.837)	ND (0.681)	ND (0.542)	ND (0.484)	ND (0.976)	ND (0.855)	ND (0.735)	ND (0.707)	ND (2.51)	ND (0.542)	ND (0.232)	ND (2.28)
2,3,7,8-TCDD	ND (0.876)	ND (0.757)	ND (0.525)	ND (0.511)	ND (0.946)	ND (0.511)	ND (0.634)	ND (0.842)	ND (1.83)	ND (0.557)	ND (0.207)	ND (1.73)
OCDD	13.8BJ	ND (3.34)	ND (6.91)	39.9 BJ	**56.7**	**60.7**	88.8 B	131 B	13.5B	**48.5 J**	47.1 B	**8.55 J**
Total HPCDD	ND (1.95)	ND(1.27)	ND (0.873)	ND (0.689)	ND (3.27)	ND (3.24)	**16.1**	4.84	ND (1.57)	ND (2.03)	1.79B	ND (2.75)
Total HXCDD	ND (1.72)	ND (1.25)	ND (1.02)	ND (0.62)	ND (1.51)	ND (1.28)	ND (0.936)	ND (1.07)	ND (1.87)	ND (0.882)	ND (0.287)	ND (1.86)
Total PECDD	ND (0.837)	ND (0.681)	ND (0.542)	ND (0.484)	ND (0.976)	ND (0.855)	ND (0.735)	ND (0.707)	ND (1.52)	ND (0.806)	ND (0.232)	ND (2.28)
Total TCDD	ND (0.876)	ND (0.757)	ND (0.525)	ND (0.511)	ND (0.946)	ND (0.511)	ND (0.634)	ND (0.842)	ND (1.83)	ND (0.557)	ND (0.207)	ND (1.73)
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (1.88)	ND (0.711)	ND (0.448)	ND (0.219)	ND (0.706)	ND (0.706)	**2.16J**	ND (0.651)	ND (1.46)	ND (0.53)	ND (0.199)	ND (1.58)
1,2,3,4,7,8,9-HPCDF	ND (1.08)	ND (0.784)	ND (0.702)	ND (0.248)	ND (0.74)	ND (0.796)	ND (0.997)	ND (0.639)	ND (1.69)	ND (0.596)	ND (0.206)	ND (1.61)
1,2,3,4,7,8-HXCDF	ND (0.646)	ND (0.43)	ND (0.285)	ND (0.148)	ND (0.477)	ND (0.356)	ND (0.241)	ND (0.348)	ND (0.67)	ND (0.265)	ND (0.163)	ND (1.07)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
1,2,3,6,7,8-HXCDF	ND (0.614)	ND (0.409)	ND (0.254)	ND (0.146)	ND (0.413)	ND (0.34)	ND (0.248)	ND (0.35)	ND (0.686)	ND (0.259)	ND (0.149)	ND (0.953)
1,2,3,7,8,9-HXCDF	ND (0.992)	ND (0.833)	ND (0.397)	ND (0.239)	ND (0.765)	ND (0.539)	ND (0.447)	ND (0.551)	ND (1.17)	ND (0.43)	ND (0.229)	ND (1.51)
1,2,3,7,8-PECDF	ND (1.65)	ND (1.33)	ND (0.612)	ND (0.591)	ND (0.789)	ND (1.28)	ND (1.21)	ND (0.826)	ND (2.64)	ND (0.532)	ND (0.193)	ND (1.1)
2,3,4,6,7,8-HXCDF	ND (0.678)	ND (0.513)	ND (0.269)	ND (0.155)	ND (0.485)	ND (0.375)	ND (0.283)	ND (0.386)	ND (0.721)	ND (0.287)	ND (0.161)	ND (1.1)
2,3,4,7,8-PECDF	ND (1.35)	ND (1.15)	ND (0.568)	ND (0.512)	ND (0.709)	ND (1.08)	ND (1.03)	ND (0.828)	ND (2.48)	ND (0.501)	ND (0.181)	ND (1.1)
2,3,7,8-TCDF	ND (0.946)	ND (0.818)	ND (0.432)	ND (0.333)	ND (0.799)	ND (0.83)	ND (0.626)	ND (0.599)	ND (1.75)	ND (0.452)	ND (0.258)	ND (2.11)
OCDF	ND (3.78)	ND (1.41)	ND (2.75)	ND (1.04)	ND (2.45)	ND (2.95)	**6.97 J**	**10.1 J**	ND (3.21)	ND (4.73)	2.13B	ND (4.35)
Total HPCDF	ND (2.1)	ND (0.743)	ND (0.563)	ND (0.232)	ND (0.72)	ND (0.745)	**7.59**	ND (0.645)	ND (1.56)	ND (0.561)	ND (0.202)	ND (1.6)
Total HXCDF	ND (0.72)	ND (0.527)	ND (0.296)	ND (0.169)	ND (0.516)	ND (0.395)	ND (1.77)	ND (0.403)	ND (0.803)	ND (0.302)	ND (0.176)	ND (1.16)
Total PECDF	ND (1.49)	ND(1.23)	ND (0.589)	ND (0.55)	ND (0.747)	ND (1.18)	ND (1.12)	ND (0.827)	ND (2.56)	ND (0.516)	ND (0.187)	ND (1.1)
Total TCDF	ND (3.18)	ND (0.818)	ND (0.432)	ND (0.333)	ND (0.799)	ND (0.83)	ND (0.626)	ND (0.599)	ND (1.75)	ND (0.452)	ND (0.258)	ND (2.11)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)J	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND(9.3)J	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—
Manganese	1260	1290	1340	1330	1310	1360	1360	1280	1380	1310	1350	1280
Thallium	ND (10)	ND (10)J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
PCBs(pg/L)												
PCB77	ND (48.7)	6.78 J	ND (1.7)	ND (2.25)	**3.31 J**	ND (4.16)	ND (9.57)	ND (5.18)	**18.2J**	ND (25.9)J	ND (5.34)	ND (8.18)
PCB81	ND (48.7)	ND (2.17)	ND (1.57)	ND (2.16)	ND (1.81)	ND (3.83)	ND (8.63)	ND (4.86)	ND (4.01)	ND (2.61)	ND (3.19)	ND (7.74)
PCB105	ND (48.7)	**10.3 J**	ND(10.7)	ND (10.6)	ND (12)	ND (8.22)	ND (16.6)	ND (16.5)	ND (13)	ND (25.9)J	**3.61 J**	ND (12)
PCB-106/118	ND (48.7)	**12.3 J**	ND (13.5)	ND (16.9)	ND (11.1)	ND (14.5)	ND (13.2)	ND (13.7)	**32.6**	ND (25.9)J	ND (8.68)	ND (15.5)
PCB114	ND (48.7)	ND (8.27)	ND (12.1)	ND (12.3)	ND (14.1)	ND (8.22)	ND (17.5)	ND (17.3)	ND (13.5)	ND (8.49)	ND (7.15)	ND (13.7)
PCB123	ND (48.7)	ND (7.45)	ND (12.8)	ND (16.1)	ND (10.7)	ND (14.4)	ND (13.1)	ND (14.2)	ND (18.6)	ND (8.7)	ND (6.73)	ND (14.7)
PCB126	ND (48.7)	ND (9.7)	ND (12.7)	ND (13.2)	ND (13.5)	ND (10.3)	ND (22.4)	ND (19.9)	ND (14)	ND (7.79)	ND (11.4)	ND (13.4)
PCB156	ND (48.7)	ND (1.97)	ND (2.17)	ND (2.36)	ND (2.65)	ND (4.02)	ND (6.26)	ND (4.53)	ND (5.53)	ND (2.07)	ND (4.28)	ND (7.66)
PCB157	ND (48.7)	ND (2.08)	ND (2.18)	ND (2.39)	ND (2.8)	ND (4.28)	ND (6.75)	ND (4.61)	ND (5.75)	ND (2.37)	ND (4.31)	ND (7.87)
PCB167	ND (48.7)	ND (1.98)	ND (2.09)	ND (2.25)	ND (2.66)	ND (4.07)	ND (6.51)	ND (4.27)	ND (5.8)	ND (2.13)	ND (3.84)	ND (7.89)
PCB169	ND (48.7)	3.63 B	3.45 B	2.77 B	**4.53 J**	ND (5.67)	ND (10.7)	ND (5.73)	ND (6.46)	ND (25.9)J	ND (1.36)	ND (9.81)
PCB189	ND (48.7)	ND (1.51)	ND (1.54)	ND (1.41)	ND (2.59)	ND (1.57)	ND (4.09)	ND (1.72)	ND (3.06)	ND (1.45)	ND (1.68)	ND (1.63)
Total Decachlorobiphenyls (Congeners)[a]	ND (48.7)	ND (51.4)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total Dichlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)	ND (49.9)	ND (49.2)	ND (52.9)	ND (49.6)	ND (55.6)	ND (53)	**394**	ND (51.8)	ND (50.7)	ND (106)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Total Heptachlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total Hexachlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)B	ND (24.9)	ND (24.6)B	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total Monochlorobiphenyls (Congeners)	ND (48.7)	ND (25.7)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total Nonachlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total Octachlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	ND (24.2)	ND (25.9)	ND (25.4)	ND (53.2)
Total PCB (Congeners)	1770B	489 B	3.45 B	3.04 B	7.84 B	ND (49.6)	ND (55.6)	55.5 B	**6540**	365 B	**3.61**	ND (106)
Total Pentachlorobiphenyls (Congeners)	ND (48.7)	ND (51.4)	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	**305**	30.1 B	**3.61**	ND (53.2)
Total Tetrachlorobiphenyls (Congeners)	**1070**	330	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	ND (26.5)	**2750**	290 B	ND (25.4)	ND (53.2)
Total Trichlorobiphenyls (Congeners)	**668**	133B	ND (24.9)	ND (24.6)	ND (26.5)	ND (24.8)	ND (27.8)	55.5 B	**3100**	41.6B	ND (25.4)	ND (53.2)
SVOCs (ug/L)												
Hexachlorobenzene	ND (1)	ND(1)	ND (1)	ND (1)	ND (1)	ND(1)	ND(1)	ND (1)	ND(1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND(2)J	ND (2)	ND(2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] PCB 209
B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Table A-5. Groundwater Concentrations: MW-5

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (2.14)	ND (1.03)	ND (1.1)	**0.999 J**	ND (1.14)	ND (1.27)	**4.61 J**	ND (1.7)	ND (1.65)	ND (1.68)	**14.4 J**	ND (2.25)
1,2,3,4,7,8-HXCDD	ND (1.17)	ND (1.12)	ND (1.03)	ND (0.519)	ND (1.15)	ND (0.849)	ND (1.03)	ND (1.15)	ND (1.98)	ND (0.894)	ND (0.231)	ND (1.51)
1,2,3,6,7,8-HXCDD	ND (1.1)	ND (1.15)	ND (0.973)	ND (0.544)	ND (1.2)	ND (0.849)	ND (0.989)	ND (1.15)	ND (2.06)	ND (0.952)	ND (0.245)	ND (1.55)
1,2,3,7,8,9-HXCDD	ND (1.07)	ND (1.07)	ND (0.983)	ND (0.503)	ND (1.11)	ND (0.802)	ND (0.986)	ND (1.11)	ND (1.96)	ND (0.892)	ND (0.241)	ND (1.55)
1,2,3,7,8-PECDD	ND (0.727)	ND (0.84)	ND (0.667)	ND (0.656)	ND (0.873)	ND (0.727)	ND (0.496)	ND (0.793)	ND (3.19)	ND (0.469)	ND (0.206)	ND (1.89)
2,3,7,8-TCDD	ND (0.837)	ND (0.854)	ND (0.571)	ND (0.55)	ND (0.935)	ND (0.673)	ND (0.594)	ND (0.932)	ND (2.03)	ND (0.528)	ND (0.263)	ND (1.88)
OCDD	15B	**5.25 J**	**20.3 J**	66.8 B	79 B	**19.9 J**	50.4 B	34.3 B	71.8B	**16J**	136B	ND (3.71)
Total HPCDD	ND (2.14)	ND (1.03)	ND (1.1)	**2.21**	ND (1.14)	ND (1.27)	**8.86**	ND (1.7)	ND (1.65)	ND (1.68)	**23.8**	ND (2.25)
Total HXCDD	ND (1.11)	ND (1.11)	ND (0.993)	ND (0.522)	ND (1.15)	ND (0.833)	ND (1)	ND (1.14)	ND (2)	ND (1.6)	ND (0.239)	ND (1.54)
Total PECDD	ND (0.727)	ND (0.84)	ND (0.667)	ND (0.656)	ND (0.873)	ND (0.727)	ND (0.496)	ND (0.793)	ND (3.19)	ND (2.03)	ND (0.206)	ND (1.89)
Total TCDD	ND (0.837)	ND (0.854)	ND (0.571)	ND (0.55)	ND (0.935)	ND (0.673)	ND (0.594)	ND (0.932)	ND (2.03)	ND (0.528)	ND (0.263)	ND (1.88)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (0.995)	ND (0.75)	ND (0.392)	ND (0.329)	ND (0.706)	ND (0.601)	ND (1.09)	ND (0.686)	ND (1.77)	ND (0.545)	**1.91 J**	ND (1.1)
1,2,3,4,7,8,9-HPCDF	ND (1.16)	ND (0.942)	ND (0.575)	ND (0.367)	ND (0.769)	ND (0.665)	ND (1.21)	ND (0.655)	ND (2.01)	ND (0.63)	ND (0.224)	ND (1.16)
1,2,3,4,7,8-HXCDF	ND (0.683)	ND (0.417)	ND (0.269)	ND (0.13)	ND (0.342)	ND (0.329)	ND (0.319)	ND (0.26)	ND (0.967)	ND (0.245)	ND (0.115)	ND (1.09)
1,2,3,6,7,8-HXCDF	ND (0.637)	ND (0.397)	ND (0.258)	ND (0.13)	ND (0.305)	ND (0.321)	ND (0.332)	ND (0.246)	ND (0.972)	ND (0.223)	ND (0.105)	ND (0.939)
1,2,3,7,8,9-HXCDF	ND (1.11)	ND (0.835)	ND (0.41)	ND (0.209)	ND (0.532)	ND (0.552)	ND (0.627)	ND (0.41)	ND (1.62)	ND (0.379)	ND (0.156)	ND (1.46)
1,2,3,7,8-PECDF	ND (1.19)	ND (1.18)	ND (0.585)	ND (0.467)	ND (0.78)	ND (1.26)	ND (0.836)	ND (0.914)	ND (3.3)	ND (0.588)	ND (0.189)	ND (1.02)
2,3,4,6,7,8-HXCDF	ND (0.728)	ND (0.476)	ND (0.283)	ND (0.139)	ND (0.359)	ND (0.352)	ND (0.368)	ND (0.286)	ND (1.11)	ND (0.259)	ND (0.114)	ND (1.14)
2,3,4,7,8-PECDF	ND (1.05)	ND (1.07)	ND (0.533)	ND (0.392)	ND (0.682)	ND (1.04)	ND (0.678)	ND (0.881)	ND (3.03)	ND (0.576)	ND (0.171)	ND (1.01)
2,3,7,8-TCDF	ND (1.01)	ND (1.07)	ND (0.449)	ND (0.363)	ND (0.713)	ND (0.613)	ND (0.684)	ND (0.818)	ND (1.82)	ND (0.482)	ND (0.236)	ND (1.77)
OCDF	ND (2.08)	ND (2)	ND (1.95)	**1.33J**	ND (9.15)	**8.02 J**	**4.09 J**	ND (2.55)	**5.34 J**	ND (3.34)	11 BJ	ND (2.77)
Total HPCDF	ND (1.07)	ND (0.834)	ND (0.476)	ND (0.346)	ND (0.733)	ND (0.629)	ND (1.14)	ND (0.671)	ND (1.88)	ND (0.584)	**9.61**	ND (1.13)
Total HXCDF	ND (0.771)	ND (0.511)	ND (0.299)	ND (0.149)	ND (0.373)	ND (0.38)	**0.7**	ND (0.296)	ND (1.15)	ND (0.27)	**1.56**	ND (1.16)
Total PECDF	**4.21**	ND (1.12)	ND (0.558)	ND (0.427)	ND (0.729)	ND (1.14)	ND (0.752)	ND (0.898)	ND (3.16)	ND (0.582)	ND (0.18)	ND (1.02)
Total TCDF	**9.4**	ND (1.07)	ND (0.449)	ND (0.363)	ND (0.713)	ND (0.613)	ND (0.684)	ND (0.818)	ND (1.82)	ND (0.482)	ND (0.236)	ND (1.77)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (64)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	**14.1 J**	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (93)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—
Manganese	**9280**	**10300**	**16200**	**15000**	**15700**	**15500**	**15900**	**14400**	**17600**	**12800**	**13500**	**15500**
Thallium	ND (10)	**11.4 J**	**21.4**	**17.9 J**	**19.1 J**	ND (10)	**16.1 J**	ND (10)	ND (10)	ND (10)	ND (50)	ND (100)
PCBs(pg/L)												
PCB77	**16.5 J**	**5.92 J**	3.59 B	ND (2.12)	3.19B	ND (3.17)	ND (5.28)	ND (3.9)	ND (5.39)	ND(24.8)J	ND (4.31)	ND (15.2)
PCB81	ND (5.77)	ND (3.4)	ND (1.28)	ND (2.02)	ND (1.61)	ND (3.15)	ND (5.07)	ND (3.5)	ND (5.14)	ND (2.43)	ND (3.11)	ND (15.1)
PCB105	**36.1 J**	ND (9.64)	ND (9.5)	ND (15.9)	ND (16.4)	ND (10.3)	ND (17.2)	ND (12.3)	ND (16.4)	ND (9.87)	ND (6.52)	ND (15)
PCB-106/118	**62**	ND (16.8)	ND (14.2)	ND (10.7)	**15.1 J**	**21.3J**	ND (17.4)	ND (17.2)	ND (18)	26 B	ND (5.8)	ND (15.6)
PCB114	ND (13.6)	ND (9.86)	ND (10.4)	ND (11.7)	ND (19.7)	ND (10.9)	ND (118)	ND (13.5)	ND (18.1)	ND (11.9)	ND (4.6)	ND (17)
PCB123	ND (18.2)	ND (17.5)	ND (14.5)	ND (15.7)	ND (11)	ND (8.16)	ND (16.2)	ND (16.9)	ND (17.6)	ND (11.2)	ND (8.28)	ND (15.9)
PCB126	ND (14.4)	ND (12.3)	ND (13)	ND (13.2)	ND (17.9)	ND (13.9)	ND (23.8)	ND (16.3)	ND (18.6)	ND (9.66)	ND (6.65)	ND (18)
PCB156	ND (3.81)	ND (2.83)	ND (2.07)	ND (2.7)	ND (3.04)	ND (3.01)	ND (6.03)	ND (3.26)	ND (8.93)	ND (2.92)	ND (3.09)	ND (9.67)
PCB157	ND (3.84)	ND (2.92)	ND (2.14)	ND (2.68)	ND (3.18)	ND (3.06)	ND (6.36)	ND (3.43)	ND (9.4)	ND (3.07)	ND (3.26)	ND (10.2)
PCB167	ND (4.23)	ND (2.9)	ND (1.91)	ND (2.66)	ND (3.15)	ND (3.07)	ND (5.86)	ND (3.32)	ND (9.69)	ND (2.97)	ND (2.31)	ND (9.89)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
PCB 169	ND (4.93)	5.11 B	3.86 B	ND (6.3)	ND (4.03)	ND (4.52)	ND (9.72)	ND (4.29)	ND (10.7)	ND (3.43)	ND (3.88)	ND (13.4)
PCB189	ND (2.72)	ND (2.27)	ND (1.66)	ND (1.59)	ND (2.95)	ND (1.15)	ND (3.89)	ND (1.85)	ND (3.15)	ND (1.13)	ND (0.782)	ND (3.4)
Total Decachlorobiphenyls (Congeners)[a]	ND (51.1)	ND (51.8)	ND (24.4)	ND (25.8)	ND (25.7)	ND (24.6)	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total Dichlorobiphenyls (Congeners)	ND (51.1)	ND (51.8)	50.0 B	ND (51.6)	ND (51.4)	ND (49.1)	ND (49.6)	ND (51.3)	ND (51.2)	ND (49.7)	ND (49.8)	ND (103)
Total Heptachlorobiphenyls (Congeners)	ND (51.1)	ND (51.8)	ND (24.4)	ND (25.8)	ND (25.7)	ND (24.6)	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total Hexachlorobiphenyls (Congeners)	ND (51.1)	ND (51.8)B	ND(24.4)B	ND (25.8)	ND (25.7)	55.4 B	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total Monochlorobiphenyls (Congeners)	ND (25.6)	ND (25.9)	ND (24.4)	ND (25.8)	ND (25.7)	ND (24.6)	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total Nonachlorobiphenyls (Congeners)	ND (51.1)	ND (51.8)	ND (24.4)	ND (25.8)	29.4	ND (24.6)	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total Octachlorobiphenyls (Congeners)	ND (51.1)	ND (51.8)	ND (24.4)	ND (25.8)	ND (25.7)	ND (24.6)	ND (24.8)	ND (25.7)	ND (25.6)	ND (24.8)	ND (24.9)	ND (51.3)
Total PCB (Congeners)	**4470**	314B	81.9B	ND (51.6)	103B	140B	**57.4**	125B	68.0 B	805 B	ND (49.8)	ND (103)
Total Pentachlorobiphenyls (Congeners)	**346**	ND (51.8)	ND (24.4)	ND (25.8)	70.9	**84.2**	**27**	ND (25.7)	ND (25.6)	132B	ND (24.9)	ND (51.3)
Total Tetrachlorobiphenyls (Congeners)	**2750**	**203**	28 B	ND (25.8)	ND (25.7)	ND (24.6)	**30.4**	33.7 B	68.0 B	530 B	ND (24.9)	ND (51.3)
Total Trichlorobiphenyls (Congeners)	**1370**	106B	ND (24.4)	ND (25.8)	ND (25.7)	ND (24.6)	ND (24.8)	91.7B	ND (25.6)	143 B	ND (24.9)	ND (51.3)
SVOCs (ug/L)												
Hexachlorobenzene	ND (1)	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J	ND (1)J
Octachlorostyrene	ND (2)J	ND (5)	ND(2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J	ND (2)J
Pentachlorobenzene	ND (2)	ND (2)	ND(2)J	ND (2)J	ND(2)J	ND (2)J	ND (2)J	ND(2)J	ND(2)J	ND(2)J	ND (2)J	ND (2)J

[a] PCB 209

B+ Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration ND: Not Detected

Table A-6. Groundwater Concentrations: MW-6

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (1.74)	ND (1.2)	ND (1.98)	ND (0.85)	ND (1.23)	ND (1.28)	**7.18J**	ND (1.55)	ND (1.18)	ND (1.77)	ND (0.999)	ND (2.65)
1,2,3,4,7,8-HXCDD	ND (1.11)	ND (1.13)	ND (1.85)	ND (0.849)	ND (1.83)	ND (1.28)	<0.981	ND (1.09)	ND (1.71)	ND (0.868)	ND (0.187)	ND (1.81)
1,2,3,6,7,8-HXCDD	ND (1.12)	ND (1.09)	ND (1.86)	ND (0.881)	ND (1.68)	ND (1.28)	ND (0.992)	ND (1.14)	ND (1.82)	ND (0.907)	<0.200	ND (1.89)
1,2,3,7,8,9-HXCDD	ND (1.05)	ND (1.04)	ND (1.82)	ND (0.818)	ND (1.65)	ND (1.21)	<0.964	ND (1.08)	ND (1.71)	<0.858	<0.196	ND (1.87)
1,2,3,7,8-PECDD	ND (0.895)	ND (0.588)	ND (0.989)	ND (0.596)	<0.933	ND (0.828)	ND (0.682)	<0.965	ND (3.02)	<0.583	<0.178	ND (2.34)
2,3,7,8-TCDD	ND (0.704)	ND (0.569)	ND (0.551)	ND (0.69)	ND (1.19)	ND (0.997)	ND (1.05)	ND (1.17)	ND (1.14)	<0.538	<0.222	ND (1.96)
OCDD	10.1 B	6.43 B	ND (19.3)	13.6B	<5.64	**6.94 J**	50.3 B	4.7 B	<4.44	**8.51 J**	10.5B	ND (2.33)
Total HPCDD	ND (1.74)	ND (1.2)	ND (1.98)	ND (0.85)	ND (1.23)	ND (1.28)	**13.2**	ND (1.55)	ND (1.18)	ND (1.77)	1.94 B	ND (2.65)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Total HXCDD	ND (1.09)	ND (1.08)	ND (1.84)	ND (0.85)	ND (1.72)	ND (1.26)	<0.979	ND (1.1)	ND (1.75)	ND (0.879)	<0.194	ND (1.86)
Total PECDD	ND (0.895)	ND (0.588)	ND (0.989)	ND (0.596)	<0.933	ND (0.828)	ND (0.682)	<0.965	ND (3.02)	ND (1)	<0.178	ND (2.34)
Total TCDD	ND (0.704)	ND (0.569)	ND (0.551)	ND (1.32)	ND (1.19)	ND (0.997)	ND (1.05)	ND (1.17)	ND (1.14)	<0.538	<0.222	ND (1.96)
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (0.569)	ND (0.867)	<0.977	ND (0.613)	ND (0.585)	ND (0.686)	**1.56 J**	<0.508	<1.37	ND (0.582)	**0.306 J**	**7.00 J**
1,2,3,4,7,8,9-HPCDF	ND (0.648)	ND (1.04)	ND (1.45)	ND (0.616)	ND (0.709)	ND (0.796)	ND (0.781)	ND (0.489)	ND (1.31)	ND (0.687)	ND (0.144)	ND (2.01)
1,2,3,4,7,8-HXCDF	ND (0.4)	ND (0.351)	ND (0.709)	ND (0.358)	ND (0.397)	ND (0.464)	<0.676	ND (0.235)	ND (0.603)	ND (0.275)	ND (0.113)	ND (1.75)
1,2,3,6,7,8-HXCDF	ND (0.365)	ND (0.329)	ND (0.692)	ND (0.362)	ND (0.362)	ND (0.448)	ND (0.709)	ND (0.23)	ND (0.608)	ND (0.28)	ND (0.102)	ND (1.46)
1,2,3,7,8,9-HXCDF	ND (0.664)	ND (0.686)	ND (1.06)	ND (0.557)	ND (0.623)	ND (0.76)	ND (1.33)	ND (0.342)	ND (1.02)	ND (0.433)	ND (0.149)	ND (2.4)
1,2,3,7,8-PECDF	ND (1.18)	ND (1.1)	ND (1.35)	ND (0.876)	ND (0.99)	ND (1.2)	ND (0.936)	ND (1.25)	ND (2.63)	ND (0.599)	ND (0.173)	ND (2.53)
2,3,4,6,7,8-HXCDF	ND (0.409)	ND (0.393)	ND (0.739)	ND (0.368)	ND (0.409)	ND (0.5)	ND (0.811)	ND (0.236)	ND (0.611)	ND (0.278)	ND (0.111)	ND (1.83)
2,3,4,7,8-PECDF	ND (0.983)	ND (0.948)	ND (1.24)	ND (0.692)	ND (0.807)	ND (0.982)	ND (0.838)	ND (1.1)	ND (2.47)	ND (0.533)	ND (0.168)	ND (2.3)
2,3,7,8-TCDF	ND (1.53)	ND (0.939)	ND (0.891)	ND (0.409)	ND (0.666)	ND (0.599)	ND (0.43)	ND (0.712)	ND (1.64)	ND (0.336)	ND (0.215)	ND (2.13)
OCDF	ND (1.99)	**2.41 J**	ND (5.26)	**4.33 J**	ND (2.23)	ND (1.94)	**8.24J**	**2J**	ND (2.8)	ND (3.8)	1.92 B	ND (15.2)
Total HPCDF	ND (0.604)	ND (0.944)	ND (1.2)	ND (0.613)	ND (0.639)	ND (0.735)	5.98	ND (0.499)	ND (1.34)	ND (0.631)	**0.306**	**7**
Total HXCDF	ND (0.448)	ND (0.423)	ND (0.788)	ND (0.405)	ND (0.434)	ND (0.532)	ND (0.863)	ND (0.258)	ND (0.703)	ND (0.31)	ND (0.119)	ND (1.86)
Total PECDF	ND (2.92)	ND (1.02)	ND (1.29)	ND (0.778)	ND (0.895)	ND (1.08)	ND (0.886)	ND (1.17)	ND (2.55)	ND (0.565)	ND (0.17)	ND (2.42)
Total TCDF	**2.44**	ND (0.939)	ND (0.891)	ND (0.409)	ND (0.666)	ND (0.599)	ND (0.43)	ND (0.712)	ND (1.64)	ND (0.336)	ND (0.215)	ND (2.13)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—
Manganese	**272**	**212**	**175**	**246**	**138**	**162**	**239**	**135**	**156**	**131**	**133**	**130**
Thallium	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	13.7B	ND (10)	ND (10)	ND (10)	ND (10)
PCBs(pg/L)												
PCB77	ND (16.7)	5.56 B	13.8B	ND (3.29)	2.76 B	ND (4.27)	ND (6.02)	4.39 B	ND (4.83)	ND(24.9)J	ND (4.42)	ND (12.3)
PCB81	ND (6.2)	ND (1.3)	ND (2.17)	ND (3.08)	ND (1.32)	ND (4.1)	ND (5.65)	ND (2.28)	ND (4.75)	ND (2.78)	ND (2.9)	ND (11.9)
PCB105	**27.5 J**	11.4 B	**56.2**	ND (8.41)	ND (9.98)	ND (9.65)	ND (9.32)	ND (12.6)	ND (18.3)	ND (9.89)	ND (5.52)	ND (15.4)
PCB-106/118	**44.1 J**	16.7B	**132**	ND (18.6)	ND (9.04)	ND (13.8)	19.5 J	ND (13.6)	ND (19.3)	ND(24.9)J	ND (8.98)	ND (14.1)
PCB114	ND (14.1)	ND (5.14)	ND (5.14)	ND (9.47)	ND (13)	ND (9.91)	ND (10.3)	ND (14)	ND (20.6)	ND (13.1)	ND (7.18)	ND (18.3)
PCB123	ND (20)	ND (6.94)	ND (6.01)	ND (17.8)	ND (8.56)	ND (12)	ND (11.9)	ND (13.4)	ND (18.4)	ND (12.5)	ND (8.9)	ND (14.3)
PCB126	ND (15.6)	ND (5.16)	ND (5.87)	ND (9.84)	ND (11.7)	ND (12.4)	ND (12.3)	ND (15.9)	ND(19.8)	ND (10.5)	ND (9.97)	ND (20)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
PCB156	ND (4.11)	ND (1.6)	**14J**	ND (2.09)	ND (2.22)	ND (3.33)	ND (5.14)	ND (2.57)	ND (7.93)	ND(24.9)J	ND (3.69)	ND (11.7)
PCB157	ND (4.25)	ND (1.75)	**5.52 J**	ND (2.18)	ND (2.26)	ND (3.55)	ND (5.88)	ND (2.65)	ND (8.51)	ND (2.24)	ND (4.61)	ND (12)
PCB167	ND (4.22)	ND (1.65)	**6.83 J**	ND (2.11)	ND (2.11)	ND (3.43)	ND (5.5)	ND (2.66)	ND (8.31)	ND (2.13)	ND (4.59)	ND (11.6)
PCB169	ND (4.99)	3.35 B	4.88 B	ND (3.61)	4.44 B	4.28 B	ND (7.55)	**3.39 J**	ND (9.36)	ND(24.9)J	ND (10.4)	ND (15.3)
PCB189	ND (2.22)	ND (1.04)	ND (1.62)	ND (1.86)	ND (2.09)	ND (1.63)	ND (3.54)	ND (1.24)	ND (2.24)	ND (1)	ND(1.05)	ND (4.23)
Total Decachlorobiphenyls (Congeners)[a]	ND (50)	ND (48.6)	ND (25.3)	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
Total Dichlorobiphenyls (Congeners)	ND (50)	ND (48.6)	637 B	ND (51)	ND (51.8)	ND (49.1)	ND (52.7)	ND (49.9)	ND (48.7)	ND (49.8)	ND (50.4)	ND (102)
Total Heptachlorobiphenyls (Congeners)	ND (50)	ND (48.6)	**188**	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	**51.3**	ND (25.2)	ND (51.1)
Total Hexachlorobiphenyls (Congeners)	ND (50)	ND(48.6)B	313B	ND (25.5)	ND (25.9)	ND(24.6)B	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
Total Monochlorobiphenyls (Congeners)	ND (25)	ND (24.3)	55.3 B	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
Total Nonachlorobiphenyls (Congeners)	ND (50)	ND (48.6)	ND (25.3)	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	80.8
Total Octachlorobiphenyls (Congeners)	ND (50)	ND (48.6)	**101**	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
Total PCB (Congeners)	**2920**	389 B	3290 B	ND (51)	7.19B	4.28 B	**101**	7.77 B	ND (48.7)	230 B	ND (50.4)	80.8 B
Total Pentachlorobiphenyls (Congeners)	**264**	54.5 B	**602**	ND (25.5)	ND (25.9)	ND (24.6)	ND (26.4)	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
Total Tetrachlorobiphenyls (Congeners)	**1800**	273 B	762 B	ND (25.5)	ND (25.9)	ND (24.6)	**54.3**	ND(25)B	ND (24.3)	157B	ND (25.2)	ND (51.1)
Total Trichlorobiphenyls (Congeners)	**859**	57.9 B	**636**	ND (25.5)	ND (25.9)	ND (24.6)	**27.6**	ND (25)	ND (24.3)	ND (24.9)	ND (25.2)	ND (51.1)
SVOCs(ug/L)												
Hexachlorobenzene	ND (1)	ND (1)R	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)R	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND(2)J	ND (5)R	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)R	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] PCB 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration R: Rejected Data
ND = Not Detected

Table A-7. Groundwater Concentrations: MW-7

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (1.35)	ND (1.28)	ND (2.04)	ND (0.481)	ND (1.82)	ND (0.676)	ND (1.25)	ND (1.31)	**1.76J**	ND (1.9)	ND (0.22)	ND (1.88)
1,2,3,4,7,8-HXCDD	ND (1.46)	ND (1.17)	ND (1.44)	ND (0.858)	ND (1.31)	ND (0.867)	ND (1)	ND (1.15)	ND (1.81)	ND (0.666)	ND (0.235)	ND (2)
1,2,3,6,7,8-HXCDD	ND (1.5)	ND (1.19)	ND (1.47)	ND (0.907)	ND (1.44)	ND (0.89)	ND (1.06)	ND (1.28)	ND (2)	ND (0.698)	ND (0.251)	ND (2.06)
1,2,3,7,8,9-HXCDD	ND (1.4)	ND (1.12)	ND (1.43)	ND (0.835)	ND (1.3)	ND (0.83)	ND (1.01)	ND (1.18)	ND (1.85)	ND (0.659)	ND (0.245)	ND (2.05)
1,2,3,7,8-PECDD	ND (0.646)	ND (0.655)	ND (0.648)	ND (0.738)	ND (0.688)	ND (0.973)	ND (0.689)	ND (1.1)	ND (2.97)	ND (0.425)	ND (0.208)	ND (1.45)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
2,3,7,8-TCDD	ND (0.648)	ND (0.876)	ND (0.567)	ND (0.712)	ND (0.835)	ND (0.737)	ND (0.662)	ND (1.12)	ND (1.98)	ND (0.574)	ND (0.201)	ND (1.78)
OCDD	9.97 B	ND (2.75)	ND (10.6)	4.45 B	ND (7.44)	ND (3.53)	ND (7.47)	21.9B	17.1 B	**9.77 J**	7.88 B	**4.12 J**
Total HPCDD	ND (1.35)	ND (1.28)	ND (2.04)	ND (0.481)	ND (1.6)	ND (0.676)	ND (1.25)	ND (1.31)	1.76	ND (1.9)	0.546 B	ND (1.88)
Total HXCDD	ND (1.46)	ND (1.16)	ND (1.45)	ND (0.867)	ND (1.35)	ND (0.862)	ND (1.2)	ND(1.02)	ND (1.89)	ND (0.675)	ND (0.244)	ND (2.04)
Total PECDD	ND (0.646)	ND (0.655)	ND (0.648)	ND (0.738)	ND (0.688)	ND (0.973)	ND (0.689)	ND (1.1)	ND (2.97)	ND (0.851)	ND (0.208)	ND (1.45)
Total TCDD	ND (0.648)	ND (0.876)	ND (0.567)	ND (0.712)	ND (0.835)	ND (0.737)	ND (0.662)	ND (1.12)	ND (1.98)	ND (0.574)	ND (0.201)	ND (1.78)
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (0.661)	ND (0.671)	ND (1.04)	ND (0.564)	ND (0.852)	ND (0.452)	ND (0.522)	ND (0.677)	ND (1.33)	ND (0.779)	ND (0.259)	ND (1.37)
1,2,3,4,7,8,9-HPCDF	ND (0.737)	ND (0.797)	ND (1.53)	ND (0.575)	ND (0.983)	ND (0.482)	ND (0.604)	ND (0.683)	ND (1.53)	ND (0.437)	ND (0.121)	ND (1.38)
1,2,3,4,7,8-HXCDF	ND (0.405)	ND (0.433)	ND (0.502)	ND (0.28)	ND (0.322)	ND (0.33)	ND (0.309)	ND (0.344)	ND (0.551)	ND (0.227)	ND (0.112)	ND (0.955)
1,2,3,6,7,8-HXCDF	ND (0.402)	ND (0.413)	ND (0.478)	ND (0.292)	ND (0.296)	ND (0.338)	ND (0.313)	ND (0.375)	ND (0.605)	ND (0.211)	ND (0.109)	ND (0.849)
1,2,3,7,8,9-HXCDF	ND (0.724)	ND (0.852)	ND (0.756)	ND (0.44)	ND (0.519)	ND (0.554)	ND (0.583)	ND (0.541)	ND (1.05)	ND (0.345)	ND (0.143)	ND (1.47)
1,2,3,7,8-PECDF	ND (1.12)	ND (1.2)	ND (0.795)	ND (0.699)	ND (1.02)	ND (1.24)	ND(1.23)	ND (1.15)	ND (1.66)	ND (0.711)	ND (0.164)	ND (1.15)
2,3,4,6,7,8-HXCDF	ND (0.442)	ND (0.485)	ND (0.523)	ND (0.299)	ND (0.344)	ND (0.355)	ND (0.346)	ND (0.397)	ND (0.624)	ND (0.235)	ND (0.12)	ND (1.06)
2,3,4,7,8-PECDF	**1.21 J**	ND (1.05)	ND (0.665)	ND (0.594)	ND (0.842)	ND (1.04)	ND (1.12)	ND (1.06)	ND (1.53)	ND (0.661)	ND (0.159)	ND (1.08)
2,3,7,8-TCDF	ND (0.938)	ND (0.931)	ND (0.829)	ND (0.4)	ND (0.68)	ND (1.18)	ND (1.15)	ND (0.848)	ND (1.49)	ND (0.426)	ND (0.19)	ND (1.62)
OCDF	ND (2)	ND (1.45)	ND (4.25)	ND (1.76)	ND (3.11)	ND (4.51)	**4.19J**	**15.1 J**	ND (4.86)	ND (2.99)	1.58B	ND (3.32)
Total HPCDF	ND (0.694)	ND (0.726)	ND (1.26)	ND (0.568)	ND (0.909)	ND (0.465)	ND (0.559)	ND (0.68)	ND (1.42)	ND (0.811)	**0.259**	ND (1.38)
Total HXCDF	ND (0.48)	ND (0.525)	ND (0.554)	ND (0.323)	ND (0.358)	ND (0.387)	ND (0.379)	ND (0.41)	ND (0.697)	ND (0.249)	ND (0.121)	ND (1.08)
Total PECDF	**6.93**	ND (1.12)	ND (0.727)	ND (0.644)	ND (0.927)	ND (1.14)	ND (1.18)	ND (1.1)	ND (0.742)	ND (0.685)	ND (0.162)	ND (1.12)
Total TCDF	**13.0**	ND (0.931)	ND (0.829)	ND (0.4)	ND (0.68)	1.45 B	ND (1.15)	ND (0.848)	ND (1.49)	ND (0.426)	**0.311**	ND (1.62)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—
Manganese	**115**	**109**	**107**	**123**	**109**	**111**	**120**	**130**	**110**	**93**	**98.5**	**92.3**
Thallium	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	14.3 B	ND (10)	ND (10)	ND (10)	ND (10)
PCBs(pg/L)												
PCB77	ND (22.2)	8.9 B	ND (2.38)	3.17B	ND (3.22)	10.6B	ND (6.48)	12.5B	ND (6.37)	ND (24.2)J	8.60 BJ	ND (11.4)
PCB81	ND (10)	ND (1.8)	ND (1.14)	ND (1.57)	ND (1.41)	ND (3.97)	ND (5.96)	ND (8.21)	ND (6.38)	ND (2.24)	ND (6.37)	**ND (11.1)**
PCB105	**56.8**	15B	ND (8.54)	ND (7.29)	ND (11.2)	41.6 B	ND (11.4)	**16J**	ND (17.3)	ND (9.04)	**8.60 J**	ND (12.7)
PCB-106/118	**90**	23.8 B	ND (10)	ND (7.47)	ND (14.9)	65 B	ND (12.8)	**31**	ND (21.1)	ND (13.5)	**12.7 J**	ND (13.9)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
PCB114	ND (12.2)	ND (7)	ND (8.72)	ND (7.88)	ND (14.3)	ND (8.26)	ND (12.2)	ND (13.6)	ND (18.7)	ND (10.6)	ND (7.95)	ND (14)
PCB123	ND (22.6)	ND (7.44)	ND (10.8)	ND (7.61)	ND (14)	ND (9.14)	ND (14.3)	ND (11)	ND (20.3)	ND (15.4)	ND (11.4)	ND (14.7)
PCB126	ND (12.6)	ND (7.35)	ND (10.2)	ND (9.02)	ND (12.7)	ND (10.8)	ND (14.7)	ND (15.3)	ND (19.4)	ND (9.27)	**6.78 J**	ND (16.3)
PCB156	ND (6.45)	ND (1.97)	ND (2.25)	ND (1.64)	ND (2.38)	ND (5.05)	ND (5.26)	ND (12.9)	ND (6.67)	ND (2.31)	**5.83 J**	ND (13.9)
PCB157	ND (6.25)	ND (2.14)	ND (2.21)	ND (1.65)	ND (2.47)	ND (5.23)	ND (5.46)	ND (7.61)	ND (7.08)	ND (2.56)	**4.11 J**	ND (14.7)
PCB167	ND (6.17)	ND (2.13)	ND (2.21)	ND (1.61)	ND (2.48)	ND (5.18)	ND (5.12)	**6.86 J**	ND (6.78)	ND (2.52)	**3.46 J**	ND(14.3)
PCB169	ND (7.16)	4.16 B	3B	ND (1.97)	ND (5.37)	ND (7.85)	ND (7.08)	ND (9.44)	ND (7.99)	ND (6.32)	ND (9.48)	ND (17.4)
PCB189	ND (2.46)	ND (0.763)	ND (1.04)	ND(1.21)	ND (2.8)	ND (3.29)	ND(1.26)	ND (2.85)	ND (3.21)	ND (1.26)	**5.17J**	ND (2.56)
Total Decachlorobiphenyls (Congeners)[a]	ND (49.5)	ND (47.9)	ND (24.7)	ND (25.7)	ND (26.8)	ND (25.8)	ND (26.3)	ND (25.7)	ND (24.9)	ND (25.2)	ND (26.2)	ND (52.6)
Total Dichlorobiphenyls (Congeners)	ND (49.5)	ND (47.9)	51.1 B	ND (51.3)	ND (53.5)	ND (51.6)	ND (52.6)	ND (51.5)	ND (49.7)	ND (50.5)	ND (52.3)	ND (105)
Total Heptachlorobiphenyls (Congeners)	ND (49.5)	ND (47.9)	ND (24.7)	ND (25.7)	ND (26.8)	ND (25.8)	ND (26.3)	ND (25.7)	ND (24.9)	ND (25.2)	**5.17**	ND (52.6)
Total Hexachlorobiphenyls (Congeners)	ND (49.5)	ND(47.9)B	ND(24.7)B	ND (25.7)	ND (26.8)	ND (25.8)	ND (26.3)	**138**	ND (24.9)	ND (25.2)	13.4B	ND (52.6)
Total Monochlorobiphenyls (Congeners)	ND (24.8)	ND (23.9)	ND (24.7)	ND (25.7)	ND (26.8)	ND (25.8)	ND (26.3)	ND (25.7)	ND (24.9)	ND (25.2)	ND (26.2)	ND (52.6)
Total Nonachlorobiphenyls (Congeners)	ND (49.5)	ND (47.9)	ND (24.7)	ND (25.7)	33.4	ND (25.8)	ND (26.3)	ND (25.7)	ND (24.9)	ND (25.2)	ND (26.2)	ND (52.6)
Total Octachlorobiphenyls (Congeners)	ND (49.5)	ND (47.9)	ND (24.7)	ND (25.7)	ND (26.8)	ND (25.8)	ND (26.3)	ND (25.7)	ND (24.9)	ND (25.2)	ND (26.2)	ND (52.6)
Total PCB (Congeners)	**6630**	1370B	54.1 B	3.17B	33.4 B	1910 B	ND (52.6)	469 B	54.3 B	288 B	347 B	ND (105)
Total Pentachlorobiphenyls (Congeners)	**730**	155B	ND (24.7)	ND (25.7)	ND (26.8)	545 B	ND (26.3)	**47**	ND (24.9)	ND (25.2)	**28.1**	ND (52.6)
Total Tetrachlorobiphenyls (Congeners)	**4030**	878 B	ND (24.7)	ND(25.7)B	ND (26.8)	1080B	ND (26.3)	201 B	54.3 B	254 B	126B	ND (52.6)
Total Trichlorobiphenyls (Congeners)	**1860**	329 B	ND (24.7)	ND (25.7)	ND (26.8)	286 B	ND (26.3)	82.4 B	ND (24.9)	34.2 B	**175**	ND (52.6)
SVOCs (ug/L)												
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND(2)J	ND (5)	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] PCB 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Table A-8. Groundwater Concentrations: MW-8

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (2.28)	ND (1.2)	ND (1.87)	ND (1.11)	ND (1.62)	ND (0.79)	**2.76J**	ND (1.29)	**3.95 J**	ND (1.97)	0.406 B	ND (2.5)
1,2,3,4,7,8-HXCDD	ND (1.14)	ND (1.3)	ND (1.62)	ND (0.753)	ND (1.33)	ND (0.948)	ND (0.82)	ND(1.21)	ND (2)	ND (0.913)	ND (0.278)	ND (1.73)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
1,2,3,6,7,8-HXCDD	ND (1.07)	ND (1.41)	ND (1.63)	ND (0.743)	ND (1.42)	ND (0.961)	ND (0.8)	ND (1.27)	ND (1.99)	ND (0.934)	ND (0.292)	ND (1.8)
1,2,3,7,8,9-HXCDD	ND (1.04)	ND (1.28)	ND (1.6)	ND (0.706)	ND (1.3)	ND (0.902)	ND (0.789)	ND (1.2)	ND (1.92)	ND (0.893)	ND (0.288)	ND (1.78)
1,2,3,7,8-PECDD	ND (0.714)	ND (0.623)	ND (0.871)	ND (0.662)	ND (0.868)	ND (0.569)	ND (0.831)	ND (1.09)	ND (2.84)	ND (0.494)	ND (0.229)	ND (1.82)
2,3,7,8-TCDD	ND (0.666)	ND (0.554)	ND (0.622)	ND (0.522)	ND (0.959)	ND (0.766)	ND (0.789)	ND (0.809)	ND (1.55)	ND (0.449)	ND (0.195)	ND (1.45)
OCDD	6.57 B	ND (2.35)	ND (6.19)	5.83 B	ND (5.55)	ND (2.07)	20.2 B	7.23 B	48.3 BJ	**6.36 J**	**4.45 B**	**6.61 J**
Total HPCDD	ND (2.28)	ND (1.2)	ND (1.87)	ND (1.11)	ND (1.62)	ND (0.79)	**5.36**	ND (1.29)	**8.12**	ND (1.97)	0.835 B	ND (2.5)
Total HXCDD	ND (1.08)	ND (1.33)	ND (1.62)	ND (0.733)	ND (1.35)	ND (0.937)	ND (0.802)	ND (1.22)	ND (1.96)	ND (0.915)	ND (0.286)	ND (1.77)
Total PECDD	ND (0.714)	ND (0.623)	ND(0.871)	ND (0.662)	ND (0.868)	ND (0.569)	ND (0.831)	ND (1.09)	ND (2.3)	ND (0.782)	ND (0.229)	ND (1.82)
Total TCDD	**2.24**	ND (1.9)	**3.25**	**15**	**3.14**	ND (1.6)	**5.88**	**2.01**	**72.4**	**5.2**	**0.512**	ND (1.45)
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (0.654)	ND (0.752)	ND (0.612)	ND (0.445)	ND (0.89)	ND (0.701)	ND (0.996)	ND (0.86)	**4.74 J**	ND (0.562)	**0.439 J**	ND (1.47)
1,2,3,4,7,8,9-HPCDF	ND (0.815)	ND (0.879)	ND (0.85)	ND (0.502)	ND (0.939)	ND (0.778)	ND (0.574)	ND (0.824)	ND (1.22)	ND (0.671)	ND (0.182)	ND (1.33)
1,2,3,4,7,8-HXCDF	ND (0.291)	ND (0.379)	ND (0.331)	ND (0.297)	ND (0.335)	ND (0.353)	ND (0.569)	ND (0.3)	ND (1.34)	ND (0.285)	ND (0.121)	ND (1.08)
1,2,3,6,7,8-HXCDF	ND (0.267)	ND (0.369)	ND (0.308)	ND (0.308)	ND (0.316)	ND (0.331)	ND (0.598)	ND (0.315)	ND (1.26)	ND (0.267)	ND (0.108)	ND (0.939)
1,2,3,7,8,9-HXCDF	ND (0.53)	ND (0.701)	ND (0.492)	ND (0.539)	ND (0.578)	ND (0.538)	ND (1.12)	ND (0.493)	ND (2.11)	ND (0.442)	ND (0.176)	ND (1.5)
1,2,3,7,8-PECDF	ND (1.06)	ND (0.963)	ND (0.607)	ND (0.783)	ND (1.03)	ND (2.05)	ND (1.2)	ND (1.01)	ND (3.38)	ND (0.592)	ND (0.163)	ND (1.17)
2,3,4,6,7,8-HXCDF	ND (0.331)	ND (0.435)	ND (0.35)	ND (0.325)	ND (0.342)	ND (0.344)	ND (0.676)	ND (0.335)	ND (1.46)	ND (0.29)	ND (0.125)	ND (1.13)
2,3,4,7,8-PECDF	ND (0.912)	ND (0.812)	ND (0.526)	ND (0.642)	ND (0.84)	ND (1.63)	ND (1.08)	ND (0.893)	ND (3.29)	ND (0.526)	ND (0.153)	ND (1.12)
2,3,7,8-TCDF	ND (1.19)	ND (0.768)	ND (0.732)	ND (0.356)	ND (0.928)	ND (1.63)	ND (0.711)	ND (0.767)	ND (1.77)	ND (0.402)	ND (0.248)	ND (2.07)
OCDF	ND (2.37)	ND (1.56)	ND (4.48)	**1.89 J**	ND (2.49)	ND (2.93)	**12.8J**	**9.46 J**	**102**	**4.29 J**	5.36 B	ND (5.18)
Total HPCDF	ND (0.725)	ND (0.807)	ND (0.721)	ND (0.47)	ND (0.91)	ND (0.734)	ND (3.04)	ND (0.842)	**4.74**	ND (0.612)	**0.439**	ND (1.4)
Total HXCDF	ND (0.343)	ND (0.456)	ND (0.364)	ND (0.358)	ND (0.379)	ND (0.383)	ND (0.724)	ND (0.355)	ND (1.53)	ND (0.313)	ND (0.132)	ND (1.16)
Total PECDF	ND (0.981)	ND (0.884)	ND (0.565)	ND (0.709)	ND (0.93)	ND (1.83)	ND (1.14)	ND (0.949)	ND (3.33)	ND (0.559)	ND (0.158)	ND (1.14)
Total TCDF	ND (1.19)	ND (0.768)	ND (0.732)	ND (0.356)	ND (0.928)	ND (1.63)	ND (0.711)	ND (0.767)	ND (1.77)	ND (0.402)	ND (0.248)	ND (2.07)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—
Manganese	**201**	**162**	**162**	**183**	**162**	**149**	**156**	**163**	**236**	**148**	**146**	**141**
Thallium	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05	01/06	02/06	03/06	04/06	05/06
PCBs(pg/L)												
PCB 77	ND (6.87)	4.79 B	2.3 B	2.93 B	ND (3.06)	6.65 B	ND (6)	6.32 B	**9.65 J**	ND (5.73)	5.41 BJ	ND (11.5)
PCB 81	ND (6.6)	ND (1.32)	ND (1.11)	ND (1.37)	ND (3.11)	ND (2.41)	ND (5.86)	ND (3.58)	ND (3)	ND (3.8)	ND (3.08)	ND (11.8)
PCB 105	ND (12.1)	6.83 B	ND (9.37)	ND (12.4)	ND (11.8)	26.3 B	ND (12.6)	ND (10.1)	ND (15.3)	ND (8.47)	ND (5.75)	ND (14.5)
PCB-106/118	ND (40.9)	10.7B	ND (9.99)	ND (11.8)	ND (14.4)	38.5 B	ND (11.4)	ND (12.8)	**44.5**	ND (10.5)	**9.39 J**	ND (21.5)
PCB 114	ND (13.3)	ND (4.29)	ND (9.53)	ND (13.8)	ND (13.5)	ND (6.86)	ND (14)	ND (11.2)	ND (17)	ND (9.78)	ND (5.99)	ND (16.6)
PCB 123	ND (42.5)	ND (6.95)	ND (9.96)	ND (12.4)	ND (15.4)	ND (8.06)	ND (11.8)	ND (12.8)	ND (21.8)	ND (11.4)	ND (4.09)	ND (21)
PCB 126	ND (14.1)	ND (4.52)	ND (11.3)	ND (15.5)	ND (12.4)	ND (9.05)	ND (16.8)	ND (13.3)	ND (17.5)	ND (8.84)	ND (5.97)	ND (16.6)
PCB 156	ND (6.01)	ND (1.95)	ND (2.73)	ND (2.74)	ND (2.99)	ND (4.17)	ND (5.56)	ND (5.32)	ND (6.8)	ND (2.28)	ND (3.26)	ND (12.3)
PCB 157	ND (5.92)	ND (2.1)	ND (2.91)	ND (2.8)	ND (3.19)	ND (4.35)	ND (5.86)	ND (5.53)	ND (7.21)	ND (2.49)	ND (4.63)	ND (12.4)
PCB 167	ND (5.92)	ND (2.03)	ND (2.6)	ND (2.5)	ND (3.45)	ND (4.29)	ND (5.72)	ND (5.22)	ND (7.1)	ND (2.51)	ND (3.51)	ND (12.7)
PCB 169	ND (7.62)	4.18 B	ND (2.59)	ND (3.29)	ND (3.56)	ND (6.26)	ND (8.62)	ND (7.33)	ND (7.91)	ND (2.66)	5.77 BJ	ND (16.8)
PCB 189	ND (2.1)	ND (0.906)	ND (1.56)	ND (1.93)	ND (2.07)	ND (3.02)	ND (1.58)	ND (2.41)	ND (2.9)	ND (1.24)	ND (2.08)	ND (4)
Total Decachlorobiphenyls (Congeners)[a]	**56.9**	**230**	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	**42.5**	ND (25.5)	ND (25.6)	ND (53.4)
Total Dichlorobiphenyls (Congeners)	ND (51.2)	ND (48.2)	ND (49.2)	ND (51.2)	ND (50.3)	ND (50)	ND (53)	ND (49.1)	ND (48.3)	ND (51)	ND (51.1)	ND (107)
Total Heptachlorobiphenyls (Congeners)	ND (51.2)	ND (48.2)	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	ND (24.2)	ND (25.5)	ND (25.6)	ND (53.4)
Total Hexachlorobiphenyls (Congeners)	ND (51.2)	ND(48.2)B	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	**28.3**	ND (25.5)	5.77 B	ND (53.4)
Total Monochlorobiphenyls (Congeners)	ND (25.6)	ND (24.1)	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	ND (24.2)	ND (25.5)	ND (25.6)	ND (53.4)
Total Nonachlorobiphenyls (Congeners)	ND (51.2)	ND (48.2)	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	ND (24.2)	ND (25.5)	ND (25.6)	ND (53.4)
Total Octachlorobiphenyls (Congeners)	ND (51.2)	ND (48.2)	ND (24.6)	ND (25.6)	ND (25.1)	ND (25)	ND (26.5)	ND (24.5)	ND (24.2)	ND (25.5)	ND (25.6)	ND (53.4)
Total PCB (Congeners)	**583**	539 B	2.30 B	2.93 B	ND (50.3)	949 B	**53**	6.32 B	**947**	306 B	20.6 B	ND (107)
Total Pentachlorobiphenyls (Congeners)	ND (51.2)	ND (48.2)	ND (24.6)	ND (25.6)	ND (25.1)	294 B	ND (26.5)	ND (24.5)	**245**	ND (25.5)	**9.39**	ND (53.4)
Total Tetrachlorobiphenyls (Congeners)	**282**	231 B	ND(24.6)B	ND (25.6)	ND (25.1)	536 B	ND (26.5)	<24.5 B	**489**	273 B	5.41 B	ND (53.4)
Total Trichlorobiphenyls (Congeners)	**244**	55.6 B	ND (24.6)	ND (25.6)	ND (25.1)	119 B	ND (26.5)	ND (24.5)	142 B	33.2 B	ND (25.6)	ND (53.4)
SVOCs (ug/L)												
Hexachlorobenzene	ND(1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND (2)J	ND (5)	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] PCB 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Table A-9. Groundwater Concentrations: MW-9

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05[al]	01/06	02/06	03/06	04/06	05/06
Dioxins (pg/L)												
1,2,3,4,6,7,8-HPCDD	ND (1.19)	ND (1.38)	ND (1.5)	**0.646 J**	ND (2.58)	ND (0.818)	ND (2.57)	ND (2.56)	ND (1.17)	ND (0.965)	ND (0.757)	ND (0.204)	ND (2.03)
1,2,3,4,7,8-HXCDD	ND (1.17)	ND (1.04)	ND (1.2)	ND (0.647)	ND (1.56)	ND (0.904)	ND (1.52)	ND (1.28)	ND (1.28)	ND (1.25)	ND (1.01)	ND (0.237)	ND (1.38)
1,2,3,6,7,8-HXCDD	ND (1.14)	ND (1.09)	ND (1.24)	ND (0.694)	ND (1.54)	ND (0.885)	ND (1.5)	ND (1.27)	ND (1.39)	ND (1.34)	ND (1.06)	ND (0.254)	ND (1.43)
1,2,3,7,8,9-HXCDD	ND (1.09)	ND (1.01)	ND (1.2)	ND (0.635)	ND (1.47)	ND (0.844)	ND (1.48)	ND (1.24)	ND (1.29)	ND (1.26)	ND (0.998)	ND (0.248)	ND (1.42)
1,2,3,7,8-PECDD	ND (0.606)	ND (0.817)	ND (0.746)	ND (0.484)	ND (1)	ND (0.654)	ND (0.847)	ND (1.27)	ND (1.06)	ND (1.76)	ND (0.374)	ND (0.21)	ND (1.55)
2,3,7,8-TCDD	ND (0.715)	ND (0.689)	ND (0.621)	ND (0.628)	ND (1.03)	ND (0.909)	ND (1.07)	ND (1.72)	ND (1.15)	ND (1.37)	ND (0.537)	ND (0.252)	ND (1.64)
OCDD	5.85 B	5.93 B	ND (10.4)	4.82 B	ND (13.5)	**3.70 J**	ND(10.3)	6.80 B	7.53 B	4.02 B	**10.6 J**	5.61 B	**4.98 J**
Total HPCDD	ND (1.19)	ND (1.38)	ND (1.5)	**0.646**	ND (2.58)	ND (0.818)	ND (2.57)	ND (2.56)	ND (1.17)	ND (0.965)	ND (0.757)	ND (0.204)	ND (2.03)
Total HXCDD	ND (1.14)	ND (1.04)	ND (1.22)	ND (0.659)	ND (1.52)	ND (0.877)	ND (1.5)	ND (1.26)	ND (1.32)	ND (1.28)	ND (1.02)	ND (0.246)	ND (1.41)
Total PECDD	ND (0.606)	ND (0.817)	ND (0.746)	ND (0.484)	ND (1)	ND (0.654)	ND (0.847)	ND (1.27)	ND (1.06)	ND (1.33)	ND (0.893)	ND (0.21)	ND (1.55)
Total TCDD	**1.98**	ND (0.689)	ND (0.621)	**2.25**	ND (1.03)	ND (0.909)	**4.09**	ND (1.72)	ND (1.15)	**10.6**	ND (0.537)	ND (0.252)	ND (1.64)
Furans (pg/L)												
1,2,3,4,6,7,8-HPCDF	ND (0.778)	ND (0.846)	ND (0.635)	ND (0.308)	ND (0.85)	ND (0.555)	ND (0.786)	ND (1.19)	ND (0.581)	ND (0.847)	ND (1.05)	ND (0.22)	ND(1.02)
1,2,3,4,7,8,9-HPCDF	ND (0.959)	ND (0.982)	ND (0.865)	ND (0.309)	ND (0.965)	ND (0.573)	ND (0.871)	ND (1.4)	ND (0.562)	ND (0.907)	ND (0.581)	ND (0.219)	ND (1.01)
1,2,3,4,7,8-HXCDF	ND (0.34)	ND (0.391)	ND (0.357)	ND (0.156)	ND (0.559)	ND (0.587)	ND (0.47)	ND (0.628)	ND (0.287)	ND (0.43)	ND (0.233)	ND (0.161)	ND (0.789)
1,2,3,6,7,8-HXCDF	ND (0.314)	ND (0.367)	ND (0.329)	ND (0.158)	ND (0.481)	ND (0.543)	ND (0.498)	ND (0.664)	ND (0.285)	ND (0.433)	ND (0.195)	ND (0.148)	ND (0.756)
1,2,3,7,8,9-HXCDF	ND (0.599)	ND (0.755)	ND (0.526)	ND (0.225)	ND (0.891)	ND (0.876)	ND (0.952)	ND (1.74)	ND (0.417)	ND (0.729)	ND (0.357)	ND (0.233)	ND (1.22)
1,2,3,7,8-PECDF	ND (1.11)	ND (0.981)	ND (0.707)	ND (0.693)	ND (1.17)	ND (2.49)	ND (1.34)	ND (2.04)	ND (1.06)	ND (2.5)	ND (0.448)	ND (0.149)	ND (0.86)
2,3,4,6,7,8-HXCDF	ND (0.357)	ND (0.439)	ND (0.361)	ND (0.161)	ND (0.547)	ND (0.577)	ND (0.526)	ND (0.826)	ND (0.302)	ND (0.456)	ND (0.238)	ND (0.165)	ND (0.889)
2,3,4,7,8-PECDF	ND (0.936)	ND (0.854)	ND (0.639)	ND (0.568)	ND (0.973)	ND (1.98)	ND (1.28)	ND (1.93)	ND (0.97)	ND (2.16)	ND (0.419)	ND (0.139)	ND (0.837)
2,3,7,8-TCDF	ND (1.1)	ND (0.975)	ND (0.557)	ND (0.389)	ND (0.7)	ND (1.06)	ND (1.01)	ND (1.53)	ND (0.682)	ND (1.52)	ND (0.379)	ND (0.258)	ND (1.8)
OCDF	ND (2.53)	ND (1.3)	ND (4.14)	ND (1.33)	ND (3.15)	ND (5.26)	**4.59 J**	ND (4.11)	ND (2.06)	ND (2.64)	**2.94 J**	1.55B	ND (3.34)
Total HPCDF	ND (0.858)	ND (0.905)	ND (0.743)	ND (0.308)	ND (0.9)	ND (0.562)	ND (0.825)	ND (1.29)	ND (0.572)	ND (0.876)	ND (1.14)	ND (0.22)	ND (1.02)
Total HXCDF	ND (0.39)	ND (0.47)	ND (0.386)	ND (0.174)	ND (0.596)	ND (0.634)	ND (0.588)	ND (0.881)	ND (0.319)	ND (0.506)	ND (0.248)	ND (0.177)	ND (0.914)
Total PECDF	ND (1.02)	ND (0.915)	ND (0.671)	ND (0.627)	ND (1.07)	ND (2.22)	ND (1.31)	ND (1.98)	ND (1.01)	ND (2.32)	ND (0.434)	ND (0.144)	ND (0.848)
Total TCDF	ND (1.1)	ND (0.975)	ND (0.557)	ND (0.389)	ND (0.7)	4.19B	ND (1.01)	ND (1.53)	ND (0.682)	ND (1.52)	ND (0.379)	ND (0.258)	ND (1.8)
Metals (ug/L)												
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	ND (8.4)	—	—	—	—	—	—	—	—	—

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05[a]		01/06	02/06	03/06	04/06	05/06
Manganese	**515**	**487**	**491**	**478**	**501**	**481**	**466**	**480**	**519**	**493**	**455**	**460**	**439**
Thallium	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	**ND (10)**	**ND (10)**	**ND (10)**	**10.2 B**	**ND (10)**	**ND (10)**	**ND (10)**	**ND (10)**
PCBs(pg/L)													
PCB77	ND (6.43)	5.19B	3.15B	4.32 B	ND (4.01)	10.7B	ND (4.17)	ND (5.06)	6.65 B	ND (6)	ND (3.71)	ND (4.24)	ND (10.3)
PCB81	ND (5.86)	ND (1.66)	ND (1.26)	ND (2.18)	ND (1.5)	ND (3.3)	ND (3.92)	ND (4.77)	ND (2.93)	ND (5.89)	ND (2.12)	ND (2.02)	ND (10)
PCB105	ND (16)	7.3 B	ND (11.9)	ND (9.75)	ND (11.7)	36.1 B	ND (12.6)	ND (12)	ND (9.24)	ND (18.1)	ND (10.6)	ND (7.46)	ND (18.5)
PCB-106/118	ND (20.9)	ND (17.2)	ND (12.3)	ND (12.6)	ND (9.64)	51.4B	ND (15.9)	ND (13.9)	ND (12.2)	ND (19.8)	ND (16)	ND (7.35)	ND (17.2)
PCB114	ND (17.2)	ND (7.68)	ND (11.5)	ND (10.2)	ND (12.5)	ND (9.57)	ND (14.5)	ND (13.1)	ND (10.1)	ND (22.1)	ND (12.3)	ND (8.89)	ND (20.5)
PCB123	ND (22.6)	ND (8.7)	ND (12.5)	ND (12.5)	ND (9.61)	ND (10)	ND (16)	ND (14.7)	ND (12.7)	ND (21.3)	ND (16.7)	ND (6.87)	ND (17.3)
PCB126	ND (17.7)	ND (8.2)	ND (13.3)	ND (10.9)	ND (13.9)	ND (12.8)	ND (17.2)	ND (15.9)	ND (11.1)	ND (22.3)	ND (10.8)	ND (8.29)	ND (21.9)
PCB156	ND (4.7)	ND (1.85)	ND (1.6)	ND (2.66)	ND (2.1)	ND (3.54)	ND (5.85)	ND (4.99)	ND (4.57)	ND (5.45)	ND (2.39)	ND (3.62)	ND (11.9)
PCB157	ND (4.22)	ND (1.9)	ND (1.71)	ND (2.83)	ND (2.26)	ND (3.67)	ND (6.17)	ND (5.19)	ND (4.59)	ND (5.62)	ND (2.58)	ND (3.71)	ND (13)
PCB167	ND (5.3)	ND (1.83)	ND (1.64)	ND (2.85)	ND (2.29)	ND (3.47)	ND (5.73)	ND (4.95)	ND (4.81)	ND (5.38)	ND (2.54)	ND (4.4)	ND (12.4)
PCB169	ND (3.52)	3.78 B	ND (3.14)	3.98 B	4.03 B	4.33 B	ND (8.25)	ND (7.06)	ND (5.81)	ND (6.74)	ND(24.3)J	3.93 BJ	ND(16.6)
PCB189	ND (1.68)	ND (1.06)	ND (1.31)	ND (1.6)	ND (1.5)	ND (2.07)	ND (4.97)	ND (1.66)	ND (2.55)	ND (2.66)	ND (1.32)	ND (3.34)	ND (4.65)
Total Decachlorobiphenyls (Congeners)[b]	ND (50)	ND (49.3)	ND (24.7)	ND (25.5)	ND (25.6)	ND (24.9)	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total Dichlorobiphenyls (Congeners)	**66.9**	**66.5**	88.3 B	ND (51)	ND (51.1)	ND (49.8)	ND (50.6)	ND (51.6)	ND (48.9)	ND (48.1)	ND (48.6)	ND (52)	ND (105)
Total Heptachlorobiphenyls (Congeners)	ND (50)	ND (49.3)	ND (24.7)	ND (25.5)	ND (25.6)	ND (24.9)	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total Hexachlorobiphenyls (Congeners)	ND (50)	<49.3 B	ND (24.7)	<25.5 B	ND (25.6)	<24.9 B	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	3.93 B	ND (52.7)
Total Monochlorobiphenyls (Congeners)	ND (25)	ND (24.6)	ND (24.7)	ND (25.5)	ND (25.6)	ND (24.9)	ND (25.3)	ND (25.8)	46.3 B	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total Nonachlorobiphenyls (Congeners)	ND (50)	ND (49.3)	ND (24.7)	ND (25.5)	ND (25.6)	ND (24.9)	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total Octachlorobiphenyls (Congeners)	ND (50)	ND (49.3)	ND (24.7)	ND (25.5)	ND (25.6)	ND (24.9)	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total PCB (Congeners)	**864**	626 B	91.5B	8.30 B	4.03 B	2120B	ND (50.6)	ND (51.6)	403 B	25.2 B	453 B	3.93 B	ND (105)
Total Pentachlorobiphenyls (Congeners)	ND (50)	ND (49.3)	ND (24.7)	ND (25.5)	ND (25.6)	512B	ND (25.3)	ND (25.8)	ND (24.5)	ND (24)	ND (24.3)	ND (26)	ND (52.7)
Total Tetrachlorobiphenyls (Congeners)	**524**	393 B	ND(24.7)B	ND (25.5)	<31.6	1240B	ND (25.3)	ND (25.8)	112 B	25.2 B	350 B	ND (26)	ND (52.7)
Total Trichlorobiphenyls (Congeners)	**274**	155B	ND (24.7)	ND (25.5)	ND (25.6)	360 B	ND (25.3)	ND (25.8)	244 B	ND (24)	99.5 B	ND (26)	ND (52.7)
SVOCs (ug/L)													
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)J	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
Hexachlorobutadiene	ND(1)	ND (1)	ND (1)	ND (1)	ND (1)J	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)

Sample Date	06/05	07/05	08/05	09/05	10/05	11/05	12/05[a]		01/06	02/06	03/06	04/06	05/06
Octachlorostyrene	ND(2)J	ND (5)	ND(2)J	ND (2)	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] First column - original results, second column - duplicate sample results

M p_{CB} 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Table A-10. Groundwater Concentrations: MW-10

Sample Date	06/05	07/05	8/05[a]		09/05	10/05	11/05	12/05	1/06[a]		2/05[a]		3/06[a]		4/06[a]		5/06[a]	
Dioxins (pg/L)																		
1,2,3,4,6,7,8-HPCDD	ND(2.68)	**1.97 J**	ND(2.57)	ND(2.37)	**1.37J**	ND(1.31)	**9.99 J**	**6.29J**	**3.92 J**	**2.4J**	**4.55 J**	**7.14J**	ND(2.29)	ND(2.32)	2.07 B	2.37 B	ND(1.66)	ND(1.53)
1,2,3,4,7,8-HXCDD	ND(1.54)	ND(1.15)	ND(1.06)	ND(1.74)	ND(0.653)	ND(1.92)	ND(1.11)	ND(1.06)	ND(1.38)	ND(1.17)	ND(2.59)	ND(2.27)	ND(0.807)	ND(1.01)	ND(0.35)	ND(0.299)	ND(1.28)	ND(1.36)
1,2,3,6,7,8-HXCDD	ND(1.61)	ND(1.2)	ND(1.06)	ND(1.7)	ND(0.646)	ND(1.95)	ND(1.08)	ND(1)	ND(1.44)	ND(0.22)	ND(2.55)	ND(2.4)	ND(0.801)	ND(1.11)	ND(0.365)	ND(0.317)	ND(1.37)	ND(1.45)
1,2,3,7,8,9-HXCDD	ND(1.49)	ND(1.12)	ND(1.04)	ND(1.69)	ND(0.613)	ND(1.83)	ND(1.03)	ND(1)	ND(1.36)	ND(1.16)	ND(2.48)	ND(2.26)	ND(0.776)	ND(1.03)	ND(0.361)	ND(0.311)	ND(1.34)	ND(1.42)
1,2,3,7,8-PECDD	ND(0.874)	ND(0.948)	ND(0.708)	ND(1.11)	ND(0.722)	ND(1.58)	ND(0.612)	ND(1.09)	ND(1.04)	ND(1.11)	ND(2.39)	ND(2.16)	ND(0.481)	ND(0.48)	ND(0.386)	ND(0.244)	ND(1.25)	ND(1.19)
2,3,7,8-TCDD	ND(0.8)	ND(0.815)	ND(0.72)	ND(0.837)	ND(0.66)	ND(0.984)	ND(0.595)	ND(1.13)	ND(0.834)	ND(0.637)	ND(1.52)	ND(1.49)	ND(0.674)	ND(0.554)	ND(0.333)	ND(0.254)	ND(1.34)	ND(1.17)
OCDD	**17.2 J**	**34.3 J**	ND(20.3)	ND(10)	15.6B	14.9B	**14.7J**	28.3 B	50.3 B	38.1 B	62.4 B	97 B	**24 J**	**23.5J**	17.9B	13.5B	**7.55J**	**5.05 J**
Total HPCDD	ND(2.68)	**4.08**	ND(2.57)	ND(2.37)	**1.37**	**1.31**	**11.7**	**6.29**	**7.26**	**5.14**	8	**12.9**	ND(2.29)	**1.22**	3.5 B	3.22 B	ND(1.66)	ND(1.53)
Total HXCDD	ND(1.55)	ND(1.16)	ND(1.05)	ND(1.71)	ND(0.637)	ND(1.9)	**8.89**	**2.01**	ND(1.39)	ND(1.18)	ND(2.53)	ND(1.4)	**1.19**	ND(2.39)	ND(0.359)	**1.15**	ND(1.33)	ND(1.41)
Total PECDD	ND(0.874)	ND(0.948)	ND(0.708)	ND(1.11)	ND(0.722)	ND(1.58)	**1.03**	ND(1.09)	ND(1.04)	ND(1.11)	ND(2.39)	ND(1.64)	ND(0.995)	ND(0.48)	ND(0.386)	ND(0.244)	ND(1.25)	ND(1.19)
Total TCDD	ND(0.8)	ND(0.815)	ND(0.72)	ND(0.837)	ND(0.66)	ND(0.984)	ND(0.595)	ND(1.13)	ND(0.834)	ND(0.637)	ND(1.52)	ND(1.49)	ND(0.674)	ND(0.554)	ND(0.333)	ND(0.254)	ND(1.34)	ND(1.17)
Furans (pg/L)																		
1,2,3,4,6,7,8-HPCDF	ND(1.75)	ND(0.833)	ND(0.661)	ND(0.626)	ND(0.377)	ND(0.591)	ND(0.551)	ND(1.12)	ND(0.918)	ND(0.85)	ND(1.06)	ND(1.41)	ND(0.583)	ND(0.97)	ND(0.952)	ND(0.224)	ND(1.32)	ND(1.33)
1,2,3,4,7,8,9-HPCDF	ND(1.97)	ND(1.03)	ND(1)	ND(0.92)	ND(0.381)	ND(0.6)	ND(0.629)	ND(0.913)	ND(0.863)	ND(0.859)	ND(1.19)	ND(1.44)	ND(0.658)	ND(0.508)	**0.737 J**	ND(0.213)	ND(1.33)	ND(1.32)
1,2,3,4,7,8-HXCDF	ND(0.904)	ND(0.474)	ND(0.346)	ND(0.402)	ND(0.228)	ND(0.459)	ND(0.349)	ND(0.634)	ND(0.443)	ND(0.638)	ND(0.526)	ND(0.493)	ND(0.258)	ND(0.257)	ND(0.214)	ND(0.112)	ND(0.832)	ND(0.764)
1,2,3,6,7,8-HXCDF	ND(0.877)	ND(0.438)	ND(0.322)	ND(0.406)	ND(0.226)	ND(0.431)	ND(0.342)	ND(0.638)	ND(0.443)	ND(0.642)	ND(0.538)	ND(0.498)	ND(0.241)	ND(0.24)	ND(0.213)	ND(0.11)	ND(0.704)	ND(0.737)
1,2,3,7,8,9-HXCDF	ND(1.55)	ND(0.928)	ND(0.532)	ND(0.627)	ND(0.418)	ND(0.762)	ND(0.551)	ND(1.17)	ND(0.703)	ND(0.951)	ND(0.942)	ND(0.826)	ND(0.394)	ND(0.382)	ND(0.337)	ND(0.171)	ND(1.22)	**ND(1.15)**
1,2,3,7,8-PECDF	ND(1.57)	ND(1.1)	ND(0.789)	ND(0.733)	ND(0.638)	ND(0.977)	ND(1.42)	ND(1.47)	ND(1.2)	ND(1.02)	ND(2.45)	ND(2.17)	ND(0.504)	ND(0.362)	ND(0.232)	ND(0.186)	ND(0.822)	ND(0.933)
2,3,4,6,7,8-HXCDF	ND(0.953)	ND(0.549)	ND(0.371)	ND(0.441)	ND(0.254)	ND(0.483)	ND(0.36)	ND(0.735)	ND(0.492)	ND(0.682)	ND(0.57)	ND(0.523)	ND(0.272)	ND(0.263)	ND(0.235)	ND(0.121)	ND(0.904)	ND(0.876)
2,3,4,7,8-PECDF	ND(1.41)	ND(1.04)	ND(0.702)	ND(0.671)	ND(0.579)	ND(0.848)	ND(1.22)	ND(1.28)	ND(1.09)	ND(0.909)	ND(2.19)	ND(2.21)	ND(0.496)	ND(0.353)	ND(0.218)	ND(0.177)	ND(0.757)	ND(0.931)
2,3,7,8-TCDF	ND(1.37)	ND(1.02)	ND(0.49)	ND(0.694)	ND(0.409)	ND(0.987)	ND(1.01)	ND(0.96)	ND(0.71)	ND(1.28)	ND(1.7)	ND(1.41)	ND(0.349)	ND(0.319)	ND(0.361)	ND(0.224)	ND(1.6)	ND(1.34)
OCDF	ND(4.25)	**3.49 J**	ND(3.15)	ND(3.94)	ND(1.12)	ND(3.76)	ND(1.43)	**4.18J**	**3.71 J**	**2.52J**	**3.85 J**	**6.27J**	**13.9 J**	**2.19J**	3.21 B	2.63 B	ND(2.5)	**6.63 J**
Total HPCDF	ND(1.85)	ND(0.917)	ND(0.818)	ND(0.76)	ND(0.378)	ND(0.595)	ND(0.586)	ND(2.7)	ND(0.892)	ND(0.854)	ND(1.12)	ND(1.42)	ND(0.618)	ND(1.03)	**1.69**	ND(0.218)	ND(1.32)	ND(1.32)
Total HXCDF	ND(1.04)	ND(0.574)	ND(0.385)	ND(0.461)	ND(0.275)	ND(0.516)	ND(0.393)	ND(0.779)	ND(0.514)	ND(0.721)	ND(0.632)	ND(0.579)	ND(0.54)	ND(0.279)	ND(0.25)	ND(0.128)	ND(0.915)	ND(0.882)
Total PECDF	ND(1.49)	ND(1.07)	ND(0.744)	ND(0.701)	ND(0.607)	ND(0.909)	ND(1.32)	ND(1.37)	ND(1.14)	ND(0.962)	ND(2.32)	ND(2.19)	ND(0.5)	ND(0.357)	ND(0.225)	ND(0.182)	ND(0.79)	ND(0.932)
Total TCDF	ND(1.37)	ND(1.02)	ND(0.49)	ND(0.694)	ND(0.409)	ND(0.987)	ND(1.01)	ND(0.96)	ND(0.71)	ND(1.28)	ND(1.7)	ND(1.41)	ND(0.443)	ND(0.319)	ND(0.361)	ND(0.224)	ND(1.6)	ND(1.34)

Sample Date	06/05	07/05	8/05 [a]		09/05	10/05	11/05	12/05	1/06 [a]		2/05 [a]		3/06 [a]		4/06 [a]		5/06 [a]	
Metals (ug/L)																		
Antimony	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	—	—	—	ND (8.4)	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese	**1370**	**1290**	**1290**	**1310**	**1370**	**1370**	**1030**	**870**	**317**	**315**	**651**	**654**	**721**	**693**	**766**	**771**	776	**745**
Thallium	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	60	62.5	ND(10)	ND(10)
PCBs(pg/L)																		
PCB77	ND(17.6)	4.05 B	11.7 B	ND (1.29)	8.98 B	2.98 B	ND (3.73)	ND (4.4)	ND (3.24)	ND (3.76)	ND (6.96)	ND (5.27)	ND (5.53)	ND (4.67)	ND (5.09)	ND(3.11)	ND (8.48)	ND (8.2)
PCB81	ND (5.25)	ND (1.18)	ND (1.94)	ND (1.26)	ND (2.67)	ND (1.17)	ND (3.68)	ND (4.2)	ND(3.22)	ND (3.74)	ND (6.89)	ND (5.25)	ND (5.28)	ND (4.59)	ND (4.85)	ND (3.02)	ND (8.25)	ND (7.98)
PCB105	ND(17.1)	5.85 B	**66.3**	**6.95 J**	ND(15)	ND(10.1)	ND (9.02)	ND(15.1)	ND(11.1)	ND(11.6)	ND(15.2)	ND(14.8)	ND(10.1)	ND(16.1)	ND (5.83)	ND (4.63)	ND(11.3)	ND(14.3)
PCB-106/118	ND (24)	9.57 B	**210**	ND (24.9)	ND (12.5)	ND (12)	15.5B	ND(14.6)	ND(13.1)	ND (12.5)	ND (18.2)	ND(20.1)	ND (12.7)	ND(13.1)	ND (6.49)	**10.1 J**	ND (12.5)	ND (16.1)
PCB114	ND(16)	ND (3.37)	ND (5.76)	ND (3.28)	ND(13.3)	ND (11)	ND(10.5)	ND(16.5)	ND(11.7)	ND(14.3)	ND(18.2)	ND (17.4)	ND(11.7)	ND(18.6)	ND (6.64)	ND(5.41)	ND(12.2)	ND (15.5)
PCB123	ND (22)	ND (7.2)	ND(12.9)	ND (3.73)	ND(14.8)	ND(11.7)	ND (6.86)	ND(15)	ND (13.6)	ND(13.6)	ND(18.5)	ND(21.9)	ND (13.4)	ND (13.4)	ND (6.39)	ND(12.6)	ND (12.7)	ND (17.5)
PCB126	ND (17.1)	ND (3.69)	ND (6.46)	ND (3.72)	ND (13.9)	ND (10.5)	ND (13.3)	ND (17.7)	ND(14.7)	ND (15.5)	ND (18.5)	ND (17.6)	ND (10.7)	ND (16.1)	ND (7.71)	ND (6.14)	ND (14.2)	ND (17.2)
PCB156	ND (7.66)	ND(1.33)	**38.9**	ND(1.31)	ND (3.49)	ND(2.25)	ND (3.39)	ND (4.07)	ND (3.39)	ND (2.46)	ND(5.14)	ND(6.41)	ND (3.5)	ND (2.85)	ND (4.54)	ND (3.84)	ND (6.7)	ND (9.51)
PCB157	ND (8.14)	ND (1.26)	**7.71 J**	ND (1.42)	ND (3.76)	ND (2.3)	ND(3.55)	ND (4.28)	ND (3.34)	ND (2.6)	ND (5.52)	ND (6.98)	ND (3.69)	ND (2.73)	ND (6.17)	ND (2.47)	ND (6.82)	ND (9.96)
PCB167	ND(8.14)	ND(1.2)	**14.1 J**	ND(1.36)	ND (3.48)	ND(2.36)	ND(3.36)	ND (4.05)	ND (3.42)	ND (2.44)	ND (5.09)	ND (6.42)	ND(3.91)	ND (3.06)	ND(2.31)	ND (2.94)	ND (6.66)	ND (9.49)
PCB169	ND (9.76)	4.27 B	ND (4.35)	3.27 B	ND (7.12)	4.07 B	ND (7.66)	ND (5.34)	ND (4.44)	**3.45 J**	ND (6.29)	ND (8.09)	ND (3.88)	ND (5.24)	ND (6.55)	5.18 BJ	ND (9.13)	ND (11.7)
PCB189	ND (2.56)	ND (1.43)	**12.6J**	ND (0.8)	ND (2.7)	ND(2.92)	ND (1.93)	ND (1.77)	ND (2.48)	ND (1.79)	ND (2.28)	ND (3.69)	ND (1.06)	ND(1.3)	ND (1.03)	ND (1.02)	ND (2.63)	ND (2.93)
Total Decachlorobiphenyls (Congeners)[b]	ND (50.2)	ND (52.8)	ND (24.7)	ND (24.6)	ND (25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	ND (24.5)	ND(25.1)	ND(25.1)	ND (25.3)	ND (26)	ND (52.7)	ND(52.1)
Total Dichlorobiphenyls (Congeners)	**87.9**	ND (52.8)	833 B	890 B	ND (50.3)	ND(50.1)	ND (49.7)	ND (50.4)	ND (49.4)	ND (49.5)	ND (49.2)	ND (49)	ND (50.2)	ND(50.1)	ND (50.6)	ND(51.9)	ND (107)	ND (104)
Total Heptachlorobiphenyls (Congeners)	ND (50.2)	ND (52.8)	**5930**	ND (24.6)	ND (25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	**51.2**	ND (24.6)	ND (24.5)	ND(25.1)	ND(25.1)	ND (25.3)	ND (26)	ND (52.7)	ND(52.1)
Total Hexachlorobiphenyls (Congeners)	ND (50.2)	ND (52.8)B	4550 B	ND(24.6)B	ND(25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	**67**	ND (24.6)	**24.9**	ND(25.1)	ND(25.1)	ND (25.3)	5.18B	ND (52.7)	ND(52.1)
Total Monochlorobiphenyls (Congeners)	ND (25.1)	ND (26.4)	148 B	68.9 B	ND(25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	ND (24.5)	ND (25.1)	ND (25.1)	ND (25.3)	ND (26)	ND (52.7)	ND (52.1)
Total Nonachlorobiphenyls (Congeners)	ND (50.2)	ND (52.8)	**124**	ND (24.6)	ND (25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	ND (24.5)	ND(25.1)	ND(25.1)	ND (25.3)	ND (26)	ND (52.7)	ND(52.1)
Total Octachlorobiphenyls (Congeners)	ND (50.2)	ND (52.8)	**1960**	ND (24.6)	ND (25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	ND (24.5)	ND(25.1)	ND(25.1)	ND (25.3)	ND (26)	ND (52.7)	ND(52.1)
Total PCB(Congeners)	**291**	122B	16400B	1390B	8.98 B	7.04 B	258 B	ND (50.4)	ND (49.4)	**118**	27.1 B	107B	ND (50.2)	**232**	ND (50.6)	15.2B	ND(107)	ND (104)
Total Pentachlorobiphenyls (Congeners)	ND (50.2)	ND (52.8)	**1460**	ND (24.6)	ND (25.2)	ND (25)	140 B	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	**28.8**	ND(25.1)	ND(25.1)	ND (25.3)	**10.1**	ND (52.7)	ND(52.1)
Total Tetrachlorobiphenyls (Congeners)	**104**	103 B	784 B	53.1 B	ND(25.2)	ND (25)	118 B	ND (25.2)	ND (24.7)	ND (24.7)	27.1 B	53.8 B	ND (25.1)	**203**	ND(25.3)	ND (26)	ND(52.7)	ND(52.1)
Total Trichlorobiphenyls (Congeners)	**99.5**	ND (26.4)	**565**	363	ND (25.2)	ND (25)	ND (24.9)	ND (25.2)	ND (24.7)	ND (24.7)	ND (24.6)	ND (24.5)	ND(25.1)	**28.5**	ND(25.3)	ND (26)	ND(52.7)	ND(52.1)
SVOCs(ug/L)																		
Hexachlorobenzene	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND (1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	**ND(1)**	ND(1)	ND(1)	ND(1)	ND(1)
Hexachlorobutadiene	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND (1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)

Sample Date	06/05	07/05	8/05[a]		09/05	10/05	11/05	12/05	1/06[a]		2/05[a]		3/06[a]		4/06[a]		5/06[a]	
Octachlorostyrene	ND(2)J	ND (5)	ND(2)J	ND(2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

[a] First column - original results, second column - duplicate sample results

$M_{p_{CB}}$ 209

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Table A-11. Groundwater Concentrations: QA/QC Blanks

Sample Month	6/05		7/05			8/05			9/05		10/05		11/05		12/05				1/06		2/06		3/06			4/06		5/06	
Sample Date Sample ID	6/13/05	6/14/05	7/19/05	7/21/05	7/22/05	8/23/05	8/24/05	8/25/05	9/21/05	9/22/05	10/11/05	10/12/05	11/14/05	11/15/05	12/19/05	12/19/05	12/21/05	12/21/05	1/19/06	1/20/06	2/15/06	2/16/06	3/21/06	3/21/06	3/22/06	4/11/06	4/12/06	5/16/06	5/17/06
	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-3	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQ-1	EQBLK-1	EQ-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2
Dioxins (pg/L)																													
1,2,3,4,6,7,8-HPCDD	ND (1.91)	____	ND (1.16)	ND (2.57)	ND (1.16)	ND (1.31)	ND (2.06)	ND (1.14)	ND (0.782)	ND (0.663)	ND (1.92)	ND (2.16)	ND (1.6)	ND (1.02)	**3.68 J**	---	**12.9J**	---	---	ND (1.29)	ND (1.65)	ND (1.7)	ND (1.81)	---	ND (1.78)	**0.825 J**	ND (0.508)	ND (2.13)	ND (2.58)
1,2,3,4,7,8-HXCDD	ND (1.8)	____	ND (1.01)	ND (1.76)	ND (1.17)	ND (1.3)	ND (1.81)	ND (1.73)	ND (0.719)	ND (0.644)	ND (2.25)	ND (2.29)	ND (1.34)	ND (1.43)	ND (1.62)	—	ND (0.96)	—	—	ND (1.69)	ND (1.56)	ND (1.99)	ND (0.463)	—	ND (0.885)	ND (0.254)	ND (0.183)	ND (1.79)	ND (1.79)
1,2,3,6,7,8-HXCDD	ND (1.88)	____	ND (1.13)	ND (1.69)	ND (1.15)	ND (1.36)	ND (1.86)	ND (1.71)	ND (0.725)	ND (0.686)	ND (2.34)	ND (2.35)	ND (1.28)	ND (1.46)	ND (1.49)	—	ND (0.976)	—	—	ND (1.66)	ND (1.6)	ND (2.11)	ND (0.476)	—	ND (0.91)	ND (0.272)	ND (0.197)	ND (1.85)	ND (1.81)
1,2,3,7,8,9-HXCDD	ND (1.85)	____	ND (1.03)	ND (1.73)	ND (1.1)	ND (1.31)	ND (1.81)	ND (1.69)	ND (0.682)	ND (0.629)	ND (2.17)	ND (2.2)	ND (1.24)	ND (1.37)	ND (1.51)	—	ND (0.945)	—	—	ND (1.62)	ND (1.53)	ND (1.98)	ND (0.454)	—	ND (0.868)	ND (0.266)	ND (0.192)	ND (1.84)	ND (1.82)
1,2,3,7,8-PECDD	ND (1.26)	____	ND (0.984)	ND(1.25)	ND (0.858)	ND (0.909)	ND (0.897)	ND (0.979)	ND (0.521)	ND (0.584)	ND (1.14)	ND (1.17)	ND (0.894)	ND (0.707)	ND (1.32)	____	ND (0.661)	____	____	ND (0.894)	ND (3.44)	ND (1.51)	ND (0.349)	____	ND (0.908)	ND (0.211)	ND (0.22)	ND (1.88)	ND (2.1)
2,3,7,8-TCDD	ND (0.776)	____	ND (0.906)	ND(1.35)	ND (0.918)	ND (0.751)	ND (0.692)	ND (0.603)	ND (0.794)	ND (0.508)	ND (1.11)	ND (1.17)	ND (0.76)	ND (0.757)	ND (1.35)	—	ND (0.829)	—	—	ND (0.591)	ND (1.07)	ND (1.2)	ND (0.56)	—	ND (0.675)	ND (0.211)	ND (0.209)	ND (1.45)	ND (1.95)
OCDD	ND (7.17)	____	13.8 BJ	ND (5.51)	**3.71 J**	ND (6.42)	ND (7.6)	ND (5.55)	7.86 BJ	8.45 BJ	**17.6J**	ND (4.83)	ND (5.51)	ND (3.41)	33.2 B	---	96.5 B	____	---	7.66 BJ	ND (4.88)	7.22 BJ	ND (2.81)	____	ND (6.61)	8.98 BJ	13.1 BJ	ND (2.91)	ND (2.89)
Total HPCDD	ND (1.91)	____	ND (1.16)	ND (2.57)	ND (1.16)	ND (1.31)	ND (2.06)	ND (1.14)	ND (0.782)	ND (0.663)	ND (1.92)	ND (2.16)	ND (1.6)	ND (1.02)	**3.68**	—	**25.1**	—	—	ND (1.29)	ND (1.65)	ND (1.7)	ND (1.81)	—	ND (1.78)	**1.88**	**1.23**	ND (2.13)	ND (2.58)
Total HXCDD	ND (1.84)	____	ND (1.06)	ND (1.73)	ND (1.14)	ND (1.32)	ND (1.83)	ND (1.71)	ND (0.708)	ND (0.653)	ND (2.26)	ND (2.28)	ND (1.28)	ND (1.42)	ND (1.53)	—	ND (0.96)	—	—	ND (1.66)	ND (1.56)	ND (2.03)	ND (0.396)	—	ND (0.889)	ND (0.264)	ND (0.191)	ND (1.83)	ND (1.81)
Total PECDD	ND (1.26)	____	ND (0.984)	ND(1.25)	ND (0.858)	ND (0.909)	ND (0.897)	ND (0.979)	ND (0.521)	ND (0.584)	ND (1.14)	ND (1.17)	ND (0.894)	ND (0.707)	ND (1.32)	—	ND (0.661)	—	—	ND (0.894)	ND (3.44)	ND (1.51)	ND (0.965)	—	ND (1.6)	ND (0.211)	ND (0.22)	ND (1.88)	ND (2.1)
Total TCDD	ND (0.776)	____	ND (0.906)	ND(1.35)	ND (0.918)	ND (0.751)	ND (0.692)	ND (0.603)	ND (0.794)	ND (0.508)	ND (1.11)	ND (1.17)	ND (0.76)	ND (0.757)	ND (1.35)	—	ND (0.829)	—	—	ND (0.591)	ND (1.07)	ND (1.2)	ND (0.56)	—	ND (0.675)	ND (0.211)	**0.576**	ND (1.45)	ND (1.95)
Furans (pg/L)																													
1,2,3,4,6,7,8-HPCDF	ND (1.81)	____	ND (0.849)	ND (1.03)	ND (0.882)	ND (0.481)	ND (0.661)	ND (0.443)	ND (0.356)	ND (0.288)	ND (1.01)	ND (1.04)	ND (0.734)	ND (0.732)	ND (1.29)	____	**2.7 J**	____	____	ND (0.804)	ND (0.974)	ND (1.85)	ND (1.29)	____	ND (0.874)	ND (0.191)	**0.315 J**	ND (2.27)	ND (1.72)
1,2,3,4,7,8,9-HPCDF	ND (1.14)	____	ND (0.835)	ND (1.2)	ND (1.03)	ND (0.67)	ND (1.03)	ND (0.701)	ND (0.365)	ND (0.308)	ND (1.15)	ND (1.1)	ND (0.839)	ND (0.851)	ND (1.37)	____	ND (0.685)	____	____	ND (0.812)	ND (1.06)	ND (1.93)	ND (0.416)	____	ND (0.94)	ND (0.185)	ND (0.164)	ND (2.07)	ND (1.67)
1,2,3,4,7,8-HXCDF	ND (1.05)	____	ND (0.315)	ND (0.541)	ND (0.516)	ND (0.49)	ND (0.511)	ND (0.345)	ND (0.247)	ND (0.178)	ND (0.771)	ND (1.39)	ND (0.733)	ND (0.48)	ND (0.463)	—	ND (0.295)	—	—	ND (0.397)	ND (0.481)	ND (0.54)	ND (0.234)	—	ND (0.404)	ND (0.117)	ND (0.126)	ND (1.05)	ND (1.04)
1,2,3,6,7,8-HXCDF	ND (1)	____	ND (0.326)	ND (0.53)	ND (0.497)	ND (0.48)	ND (0.494)	ND (0.328)	ND (0.246)	ND (0.184)	ND (0.732)	ND (1.2)	ND (0.687)	ND (0.461)	ND (0.471)	____	ND (0.307)	____	____	ND (0.402)	ND (0.485)	ND (0.531)	ND (0.219)	____	ND (0.365)	ND (0.112)	ND (0.111)	ND (0.731)	ND (0.893)
1,2,3,7,8,9-HXCDF	ND (0.824)	____	ND (0.493)	ND (0.817)	ND (0.987)	ND (0.734)	ND (0.767)	ND (0.479)	ND (0.365)	ND (0.3)	ND (1.34)	ND (2.26)	ND (1.28)	ND (0.791)	ND (0.869)	—	ND (0.546)	—	—	ND (0.618)	ND (0.842)	ND (1.02)	ND (0.377)	—	ND (0.619)	ND (0.172)	ND (0.182)	ND (1.68)	ND (1.45)

Sample Month	6/05		7/05			8/05			9/05		10/05		11/05		12/05				1/06		2/06		3/06			4/06		5/06	
Sample Date Sample ID	6/13/05	6/14/05	7/19/05	7/21/05	7/22/05	8/23/05	8/24/05	8/25/05	9/21/05	9/22/05	10/11/05	10/12/05	11/14/05	11/15/05	12/19/05	12/19/05	12/21/05	12/21/05	1/19/06	1/20/06	2/15/06	2/16/06	3/21/06	3/21/06	3/22/06	4/11/06	4/12/06	5/16/06	5/17/06
	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-3	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQ-1	EQBLK-1	EQ-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2
1,2,3,7,8-PECDF	ND (2.18)	—	ND (0.92)	ND (1.59)	ND (0.997)	ND (0.859)	ND (1.04)	ND (0.592)	ND (0.704)	ND (0.54)	ND (1.51)	ND (1.69)	ND (1.55)	ND (1.38)	ND (1.68)	---	ND (0.927)	---	---	ND (0.99)	ND (3)	ND (2.27)	ND (0.54)	—	ND (0.762)	ND (0.14)	ND (0.177)	ND (1.56)	ND (0.985)
2,3,4,6,7,8-HXCDF	ND (0.561)	—	ND (0.334)	ND (0.561)	ND (0.614)	ND (0.528)	ND (0.545)	ND (0.344)	ND (0.266)	ND (0.187)	ND (0.838)	ND (1.52)	ND (0.752)	ND (0.491)	ND (0.544)	---	ND (0.34)	---	---	ND (0.438)	ND (0.476)	ND (0.563)	ND (0.253)	—	ND (0.404)	ND (0.123)	ND (0.126)	ND (1.14)	ND (1.08)
2,3,4,7,8-PECDF	ND (1.83)	—	ND (0.845)	ND (1.36)	**1.16 J**	ND (0.73)	ND (0.838)	ND (0.486)	ND (0.619)	ND (0.445)	ND (1.3)	ND (1.43)	ND (1.25)	ND (1.15)	ND (1.51)	---	ND (0.756)	---	---	ND (0.952)	ND (2.83)	ND (2.1)	ND (0.515)	—	ND (0.738)	ND (0.134)	ND (0.166)	ND (1.47)	ND (0.979)
2,3,7,8-TCDF	ND (1.12)	—	ND (0.677)	ND (0.884)	ND (1.1)	ND (0.646)	ND (0.672)	ND (0.547)	ND (0.346)	ND (0.351)	ND (1.28)	ND (1.23)	ND(1)	ND (0.935)	ND (1.19)	—	ND (0.86)	—	—	ND (0.61)	ND (1.36)	ND (1.69)	ND (0.329)	—	ND (0.436)	ND (0.237)	ND (0.205)	ND (1.64)	ND (1.81)
OCDF	ND (9.51)	—	ND (1.69)	ND (4.02)	ND (2.05)	ND (3.13)	ND (3.05)	ND (2.81)	ND (0.996)	**4.27 J**	ND (3.19)	ND (3.67)	ND (2.75)	ND (2.49)	**7.08 J**	—	**10.6 J**	—	—	ND (1.61)	ND (3.91)	ND (4.21)	ND (2.22)	—	ND (4.3)	1.37 BJ	18.6 BJ	ND (3.2)	ND (3.72)
Total HPCDF	ND (2.09)	—	ND (0.843)	ND (1.11)	ND (0.946)	ND (0.567)	ND (0.828)	ND (0.559)	ND (0.359)	ND (0.297)	ND (1.07)	ND (1.07)	ND (0.78)	ND (0.784)	ND (1.33)	---	**8.66**	—	—	ND (0.808)	ND (1.01)	ND (1.89)	ND (1.35)	—	ND (0.905)	ND (0.188)	**0.315**	ND (2.17)	ND (1.7)
Total HXCDF	ND (1.19)	—	ND (0.363)	ND (0.604)	ND (0.631)	ND (0.55)	ND (0.569)	ND (0.369)	ND (0.278)	ND (0.208)	ND (0.883)	ND (1.54)	ND (0.835)	ND (0.543)	ND (0.577)	---	**2.38**	---	---	ND (0.458)	ND (0.564)	ND (0.642)	ND (0.264)	—	ND (0.437)	ND (0.131)	ND (0.136)	ND(1.15)	ND (1.12)
Total PECDF	ND (2)	—	ND (0.882)	ND (1.47)	**1.16**	ND (0.792)	ND (0.935)	ND (0.537)	ND (0.66)	ND (0.49)	ND (1.4)	ND (1.55)	ND (4.12)	ND (1.26)	ND (1.59)	---	ND (0.837)	---	---	ND (0.971)	ND (2.91)	ND (2.19)	ND (0.527)	—	ND (0.75)	ND (0.137)	ND (0.172)	ND (1.52)	ND (0.982)
Total TCDF	ND (1.12)	—	ND (0.677)	ND (0.884)	ND (1.1)	ND (0.646)	ND (0.672)	ND (0.547)	ND (0.346)	ND (0.351)	ND (1.28)	ND (1.23)	**18.4**	ND (0.935)	ND (1.19)	—	ND (0.86)	—	—	ND (0.61)	ND (1.36)	ND (1.69)	ND (0.329)	—	ND (0.436)	ND (0.237)	ND (0.205)	ND (1.64)	ND (1.81)
Metals (ug/L)																													
Antimony	ND (6.4)	ND (6.4)	---	ND(6.4)J	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	—	ND (6.4)	—	ND (6.4)	**8.1 J**	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)	—	ND (6.4)	ND (6.4)	ND (6.4)	ND (6.4)
Arsenic	ND (9.3)	ND (9.3)	—	ND(9.3)J	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	—	ND (9.3)	—	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)	—	ND (9.3)	ND (9.3)	ND (9.3)	ND (9.3)
Lead	ND (8.4)	ND (8.4)	—	—	—	—	—	—	ND (8.4)	ND (8.4)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese	ND (0.96)	ND (0.96)	—	**9.3**	ND (0.96)	**1.9J**	**6.4**	**1.3 J**	**1.2 J**	**3J**	**3.5 J**	**1.4 J**	**4.4 J**	**8.1**	—	**1.2 J**	—	**6.4**	**11.9**	**1.1 J**	ND (0.96)	ND (0.96)	ND (0.96)	ND (0.96)	—	**19.6**	ND (0.96)	ND (0.96)	ND (0.96)
Thallium	ND (10)	ND (10)	—	ND (10)J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	---	ND (10)	—	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	—	ND (10)	ND (10)	ND (10)	ND (10)
PCBs (pg/L)																													
PCB77	ND (49.5)	—	4.26 BJ	—	23.6 BJ	**4.7 J**	ND (4.25)	**3.17J**	**6.36 J**	**3.23 J**	**4.88 J**	ND (4.96)	**46**	**5.48 J**	ND (3.78)	—	ND (3.8)	—	—	ND (4.03)	ND (7.39)	ND (5.32)	ND (28.7)J	—	ND (30.2)J	4.22 BJ	5.19 BJ	ND (14.8)	ND (14.5)
PCB81	ND (49.5)	—	ND (2.52)	—	ND (2.79)	ND (1.49)	ND (4.16)	ND (1.52)	ND (4.05)	ND (1.93)	ND (1.88)	ND (2.03)	ND (5.86)	ND (3.73)	ND (3.76)	—	ND (4.2)	—	—	ND (3.7)	ND (7.29)	ND (5.37)	ND (3.87)	—	ND (3.29)	ND (5.44)	ND (1.19)	ND (14.4)	ND (13.5)
PCB105	ND (49.5)	—	ND (11.9)	—	**71.4J**	ND (10.5)	ND (15.1)	ND (12.1)	ND (18.4)	ND (10.3)	ND (10.4)	ND (1)	**90.5**	ND (12.5)	ND (15.4)	—	ND (18.1)	—	—	ND(14.6)	ND(16.3)	ND(16.2)	ND (11.2)	—	ND (30.2)J	ND (11.1)	ND (4.37)	ND (8.98)	ND (17.1)
PCB-106/118	ND (49.5)	—	ND (9.15)	—	**116**	ND (12.9)	ND (20.6)	ND (13.7)	ND (15.5)	ND (13.8)	ND (13.4)	ND (14.9)	**137**	ND (17.3)	ND (13.9)	—	ND (19.6)	—	—	ND (16.3)	ND (20.7)	ND (22)	ND (14.5)	—	**35.4**	**18.1 J**	ND (6.13)	ND (16.7)	ND (12.8)
PCB114	ND (49.5)	—	ND (12.7)	—	ND(7.66)	ND(10.7)	ND(18.5)	ND (13.1)	ND(17.8)	ND(11.2)	ND(11.4)	ND (14.3)	ND (9.94)	ND (14.2)	ND (16.4)	—	ND (19)	—	—	ND (17)	ND (18.4)	ND (18.4)	ND (13)	—	ND (11.5)	ND (8.05)	ND (8.29)	ND (10)	ND (18.5)
PCB123	ND (49.5)	—	ND (9.99)	—	**6.38 J**	ND (13.4)	ND (20.2)	ND (13.7)	ND (17.4)	ND (13.6)	ND (13)	ND (14.3)	ND (12.4)	ND (16)	ND (14.8)	—	ND (18.7)	—	—	ND (16.8)	ND (20)	ND (21.1)	ND(16)	—	ND (13.8)	ND (6.42)	ND (7.74)	ND (15.6)	ND (13.4)
PCB126	ND (49.5)	—	ND (14)	—	ND (7.66)	ND (12.2)	ND (18.8)	ND (14.5)	ND (18.6)	ND (12.3)	ND (10.6)	ND (12.7)	ND (10.7)	ND (15.2)	ND (19.1)	—	ND (21.7)	—	—	ND (16.8)	ND (18.4)	ND (16.9)	ND (12)	—	ND (10.3)	ND (6.77)	ND (9.96)	ND (11.1)	ND (20.9)
PCB156	ND (49.5)	—	ND (2.87)	—	**5.18J**	ND (2.15)	ND (3.14)	ND (1.73)	ND (4.78)	ND (3.26)	ND (3.52)	ND (3.79)	**4.97 J**	ND (4.58)	ND (5.29)	—	ND (4.9)	—	—	ND (4.11)	ND (6.4)	ND (5.38)	ND (2.62)	—	ND (3.17)	ND (6.23)	ND (4.24)	ND (10.5)	ND (12.2)
PCB157	ND (49.5)	—	ND (3.06)	—	**2.23 J**	ND (2.25)	ND (3.31)	ND (1.8)	ND (4.88)	ND (3.31)	ND (3.68)	ND (4.03)	ND (3.42)	ND (4.85)	ND (5.43)	—	ND (4.99)	—	—	ND (4.2)	ND (6.57)	ND (5.79)	ND (2.87)	—	ND (3.6)	ND (6.49)	ND (4.25)	ND (11.1)	ND (12.7)
PCB167	ND (49.5)	—	ND (2.75)	—	ND (1.93)	ND (1.98)	ND (3.14)	ND (1.67)	ND (4.56)	ND (3.02)	ND (3.62)	ND (3.76)	ND (3.37)	ND (4.75)	ND (5.13)	—	ND (4.76)	—	—	ND (4.25)	ND (6.55)	ND (5.6)	ND (2.76)	—	ND (3.48)	ND (5.55)	ND (4.11)	ND (10.7)	ND (12.3)
PCB169	ND (49.5)	—	ND (3.59)	—	4.72 BJ	**3.76 J**	**5.47 J**	ND (4.3)	8.18 BJ	4.95 BJ	**5.67 J**	ND (4.1)	**ND (4.16)**	ND (11.2)	ND (7.12)	—	ND (6.29)	—	—	**4.9 J**	ND (7.74)	ND (6.62)	ND (28.7)J	—	ND (30.2)J	ND (14.5)	ND (4.79)	ND (106)J	ND (15.5)
PCB189	ND (49.5)	—	ND (1.78)	—	ND (1.13)	ND (1.87)	ND (1.95)	ND (1.91)	ND (3.32)	ND (1.97)	ND (2.64)	ND (2.57)	ND (2.06)	ND (2.38)	ND (2.07)	—	ND (1.98)	—	—	ND (2.36)	ND (3.22)	ND (2.68)	ND (1.35)	—	ND (1.54)	ND (2.19)	ND (1.7)	ND (9.07)	ND (6.21)
Total Decachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	ND (47.9)	ND (24.8)	ND (24.7)	ND (24.8)	ND (29.2)	ND (25.9)	ND (28)	ND (26.5)	ND (24.9)	ND (25.5)	ND (25.2)	—	ND (26.6)	—	—	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	ND (30.2)	ND (26.9)	ND (24.1)	ND (53.1)	ND (54.2)

Sample Month	6/05		7/05			8/05			9/05		10/05		11/05		12/05				1/06		2/06		3/06			4/06		5/06	
Sample Date Sample ID	6/13/05	6/14/05	7/19/05	7/21/05	7/22/05	8/23/05	8/24/05	8/25/05	9/21/05	9/22/05	10/11/05	10/12/05	11/14/05	11/15/05	12/19/05	12/19/05	12/21/05	12/21/05	1/19/06	1/20/06	2/15/06	2/16/06	3/21/06	3/21/06	3/22/06	4/11/06	4/12/06	5/16/06	5/17/06
	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-3	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQ-1	EQBLK-1	EQ-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-2	EQBLK-1	EQBLK-2	EQBLK-1	EQBLK-2
Total Dichlorobiphenyls (Congeners)	ND (49.5)	—	ND (49.2)	—	ND (47.9)	67.3 B	ND (49.3)	ND (49.6)	ND (58.3)	ND (51.8)	ND (56.1)	ND (53.1)	ND (49.8)	ND (51)	ND (50.4)	—	ND (53.2)	—	—	ND (53)	ND (53.2)	ND (48.3)	ND (57.4)	—	ND (60.3)	ND (53.8)	ND (48.1)	ND (106)	ND (108)
Total Heptachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	ND (47.9)	ND (24.8)	ND (24.7)	ND (24.8)	ND (29.2)	ND (25.9)	ND (28)	ND (26.5)	ND (24.9)	ND (25.5)	ND (25.2)	—	ND (26.6)	—	———	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	ND (30.2)	43.2	ND (24.1)	ND (53.1)	ND (54.2)
Total Hexachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	ND (47.9)B	ND (24.8)	ND (24.7)	ND (24.8)	ND (29.2)B	ND (25.9)B	ND (28)	ND (26.5)	83.1 B	ND (25.5)	ND (25.2)	—	ND (26.6)	—	—	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	ND (30.2)	64.9 B	ND (24.1)	ND (53.1)	ND (54.2)
Total Monochlorobiphenyls (Congeners)	ND (49.5)	—	82.3 B	—	ND (23.9)	ND (24.8)	ND (24.7)	27.8 B	34.4 B	32 B	**36.8**	**38.4**	36 B	ND (25.5)	**25.2**	---	ND (26.6)	—	—	ND (26.5)	**38**	ND (24.2)	35.1 B	—	ND (30.2)	ND (26.9)	ND (24.1)	ND (53.1)	ND (54.2)
Total Nonachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	ND (47.9)	ND (24.8)	ND (24.7)	ND (24.8)	ND (29.2)	ND (25.9)	ND (28)	ND (26.5)	ND (24.9)	ND (25.5)	ND (25.2)	—	ND (26.6)	—	———	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	ND (30.2)	ND (26.9)	ND (24.1)	ND (53.1)	ND (54.2)
Total Octachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	ND (47.9)	ND (24.8)	ND (24.7)	ND (24.8)	ND (29.2)	ND (25.9)	ND (28)	ND (26.5)	ND (24.9)	ND (25.5)	ND (25.2)	—	ND (26.6)	—	———	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	ND (30.2)	ND (26.9)	ND (24.1)	ND (53.1)	ND (54.2)
Total PCB (Congeners)	ND (49.5)	—	441 B	---	5040 B	495 B	31.3 B	31 B	111 B	40.2 B	**47.3**	**38.4**	8850 B	171 B	**57.1**	---	**340**	---	———	59.9 B	**130**	ND (48.3)	210B	---	**2430**	367 B	32.8 B	**10.9**	<NS
Total Pentachlorobiphenyls (Congeners)	ND (49.5)	—	ND (24.6)	—	**1050**	ND (24.8)	ND (24.7)	ND (24.8)	ND (32.6)	ND (25.9)	ND (28)	ND (26.5)	**1490**	ND (25.5)	ND (25.2)	—	ND (26.6)	—	—	ND (26.5)	ND (26.6)	ND (24.2)	ND (28.7)	—	**192**	**18.1**	ND (24.1)	ND (53.1)	ND (54.2)
Total Tetrachlorobiphenyls (Congeners)	ND (49.5)	—	136 B	---	2950 B	**213**	ND (24.7)	ND (24.8)	**35.7**	ND (25.9)	ND (28)	ND (26.5)	**5900**	106	ND (25.2)	—	**239**	---	—	26.9 B	**61.1**	ND (24.2)	**138**	---	**1570**	103 B	5.19 B	ND (53.1)	ND (54.2)
Total Trichlorobiphenyls (Congeners)	ND (49.5)	—	223 B	---	**1000**	211 B	**25.9**	ND (24.8)	**32.3**	ND (25.9)	ND (28)	ND (26.5)	**1340**	**65**	**31.9**	---	**101**	---	—	28.1 B	**31**	ND (24.2)	**32**	---	**659**	**138**	**27.6**	ND (53.1)	ND (54.2)
SVOCs (ug/L)																													
Hexachlorobenzene	ND(1)	ND(1)	—	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	———	ND(1)	———	ND (1)	ND (0.9)	ND(1)	ND (1)	ND (1)	ND (1)	ND (1)	———	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND(1)	ND(1)	—	ND (1)	ND (1)	ND (1)	ND (1)	ND(1)	ND (1)	ND (1)	ND(1)	ND (1)	ND(1)	ND (1)	———	ND (1)	———	ND (1)	ND (0.9)	ND(1)	ND (1)	ND (1)	ND (1)	ND (1)	———	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	ND (2)J	ND (2)J	—	ND (2)	ND (5)	ND (2)J	ND (2)J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	———	ND (2)	———	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	———	ND (2)	ND (2)	ND (2)	ND (2)
Pentachlorobenzene	ND (2)	ND (2)	—	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	———	ND (2)	———	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	———	ND (2)	ND (2)	ND (2)	ND (2)

B = Blank Contamination
BOLD = Analyte detected above MDL and not 'B' flagged
J = Estimated Concentration
ND = Not Detected

Appendix B
Groundwater Analytical Results: Pcbs, Dioxin Teqs, Semi-Volatile Organic Compounds And Metals (May 2007 - October 2025)

Appendix B. Groundwater Analytical Results: Pcbs, Dioxin Teqs, Semi-Volatile Organic Compounds And Metals (May 2007 - October 2009)

Table B-1.Groundwater Concentrations: MW-1

Sample Date	5/14/2007	8/20/2007	11/10/2008	5/27/2009	10/20/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	**0.146**	**0.00217**	ND	**0.019**	NA
TEQ (2005 WHO TEFs)	**0.229**	**0.00573**	ND	**0.0453**	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.228)	ND (1.03)	ND (0.918)	ND (0.788)	NA
1,2,3,7,8-PECDD	ND (0.548)	ND (1.39)	ND (0.902)	ND (0.826)	NA
1,2,3,4,7,8-HXCDD	ND (0.522)	ND (1.1)	ND (1.43)	ND (1.08)	NA
1,2,3,6,7,8-HXCDD	ND (0.519)	ND (1.18)	ND (1.49)	ND (1.22)	NA
1,2,3,7,8,9-HXCDD	ND (0.561)	ND (1.14)	ND (1.66)	ND (1.29)	NA
1,2,3,4,6,7,8-HPCDD	**10.3 B**	ND (2.09)	ND (3.32)	**0.582**	NA
OCDD	**418 B**	**18.8 J**	ND (4.27)	**15.7**	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.224)	ND (0.537)	ND (0.35)	ND (0.403)	NA
1,2,3,7,8-PECDF	ND (0.534)	ND (1.26)	ND (0.665)	ND (0.634)	NA
2,3,4,7,8-PECDF	ND (0.508)	ND (1.09)	ND (0.578)	ND (0.541)	NA
1,2,3,4,7,8-HXCDF	ND (0.147)	ND (0.283)	ND (0.512)	ND (0.432)	NA
1,2,3,6,7,8-HXCDF	ND (0.13)	ND (0.318)	ND (0.502)	ND (0.408)	NA
1,2,3,7,8,9-HXCDF	ND (0.211)	ND (0.525)	ND (0.707)	ND (0.602)	NA

Sample Date	5/14/2007	8/20/2007	11/10/2008	5/27/2009	10/20/2009
2,3,4,6,7,8-HXCDF	ND (0.162)	ND (0.397)	ND (0.495)	ND (0.428)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.826)	ND (0.565)	ND (1.39)	ND (1.37)	NA
1,2,3,4,7,8,9-HPCDF	ND (1.26)	ND (0.997)	ND (2.11)	ND (1.76)	NA
OCDF	ND (2.83)	ND (2.72)	ND (5.99)	ND (4.07)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	0.74 J	0.85 J	11.3	7.1	11.2 B
Manganese	5310	6220	5990	6590	5570
Thallium	0.13 J	0.17 J	ND (0.15)	0.18 J	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB77	ND (2.01)	ND (1.12)	ND (3.21)	ND (0.986)	NA
PCB 81	ND (2.13)	ND (1.08)	ND (3.13)	ND (0.948)	NA
PCB 105	**5.15**	ND (0.891)	ND (1.99)	**1.38**	NA
PCB-106	ND (1.86)	ND (0.81)	ND (2.05)	ND (0.658)	NA
PCB-118	**9.63**	**2.91 B**	ND (1.79)	**1.89**	NA
PCB 114	ND (1.97)	ND (0.888)	ND (1.86)	ND (0.632)	NA
PCB 123	ND (1.91)	ND (0.857)	ND (1.92)	ND (0.644)	NA
PCB 126	ND (2.27)	ND (0.825)	ND (2.18)	ND (0.581)	NA
PCB 156/157	ND (2.54)	ND (1.19)	ND (2.8)	ND (0.839)	NA
PCB 167	3.65	ND (0.89)	ND (2.17)	ND (0.622)	NA
PCB 169	ND (2.46)	ND (1.1)	ND (2.89)	1.16	NA
PCB 189	ND (2.25)	ND (1.02)	ND (2.14)	ND (0.653)	NA

Sample Date	5/14/2007	8/20/2007	11/10/2008	5/27/2009	10/20/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (1.9)	ND (0.946)	ND (2.2)	ND (0.495)	NA
Total Dichlorobiphenyls (Congener Sum)	53.1 B	10B	11 B	13.1 B	NA
Total Trichlorobiphenyls (Congener Sum)	23.5 B	6.09 B	27.8 B	9.21 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	32.7 B	18.7 B	63.2 B	5.85 B	NA
Total Pentachlorobiphenyls (Congener Sum)	44.3 B	23.4 B	13.2B	7.71 B	NA
Total Hexachlorobiphenyls (Congener Sum)	60.1 B	7B	ND (2.32)	6B	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (1.99)	ND (0.938)	ND (1.82)	2.51 B	NA
Total Octachlorobiphenyls (Congener Sum)	ND (1.66)	ND (0.806)	ND (2.17)	1.58 B	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (3.05)	ND (2.7)	ND (5.77)	ND (1.48)	NA
Total Decachlorobiphenyls[a]	ND (2)	ND (1.01)	ND (3.97)	1.47 B	NA
Total PCB (Congener Sum) (ND=0)	264 B	65 B	115 B	47 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	409 B	147 B	298 B	97 B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (0.9)	ND (1)	ND(1)	ND(1)	ND(1)
Hexachlorobutadiene	ND (0.9)	ND(1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a]: PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC = Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND: Not Detected
NA = Not Analyzed

Table B-2.Groundwater Concentrations: MW-2

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.035	0.00043	ND	0.0096	NA
TEQ (2005 WHO TEFs)	0.043	0.00013	ND	0.0116	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	2.97	ND (1.13)	ND (2.36)	0.87	NA
1,2,3,7,8-PECDD	ND (1.08)	ND (0.608)	ND (0.621)	ND (1.32)	NA
1,2,3,4,7,8-HXCDD	ND (1.12)	ND (0.667)	ND (0.668)	ND (1.45)	NA
1,2,3,6,7,8-HXCDD	ND (1.2)	ND (0.652)	ND (0.7)	ND (1.55)	NA
1,2,3,7,8,9-HXCDD	ND (0.943)	ND (1.01)	ND (1.33)	ND (0.789)	NA
1,2,3,4,6,7,8-HPCDD	ND (0.201)	ND (0.203)	ND (0.483)	ND (0.617)	NA
OCDD	44.4	ND (5)	ND (4.46)	9.51	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.971)	ND (0.591)	ND (1.01)	ND (0.482)	NA
1,2,3,7,8-PECDF	ND (1.54)	ND (0.978)	ND (1.4)	ND (0.729)	NA
2,3,4,7,8-PECDF	ND (0.171)	ND (0.221)	ND (0.572)	ND (0.33)	NA
1,2,3,4,7,8-HXCDF	ND (0.155)	ND (0.237)	ND (0.572)	ND (0.316)	NA
1,2,3,6,7,8-HXCDF	ND (0.25)	ND (0.375)	ND (0.839)	ND (0.455)	NA
1,2,3,7,8,9-HXCDF	ND (0.566)	ND (1.43)	ND (0.504)	ND (0.787)	NA
2,3,4,6,7,8-HXCDF	ND (0.192)	ND (0.288)	ND (0.573)	ND (0.333)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.524)	ND (1.14)	ND (0.417)	ND (0.735)	NA

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
1,2,3,4,7,8,9-HPCDF	ND (0.244)	ND (0.301)	ND (0.403)	ND (0.705)	NA
OCDF	ND (1.79)	ND (2.64)	ND (4.75)	ND (1.69)	NA
Metals (ug/L)					
Antimony	ND (96.6)	ND (97)	ND (97)	ND (48.5)	ND (48.5)
Arsenic	ND (99.9)	17.2	343	162	287
Manganese	164000	137000	139000	135000	123000
Thallium	0.78 J	0.95	0.84	0.87	ND (70)
Dioxin-like PCB congeners (pg/L)					
PCB77	ND (2.9)	ND (1.22)	ND (1.93)	ND (1.21)	NA
PCB81	ND (2.78)	ND (1.12)	ND (1.88)	ND (1.13)	NA
PCB105	ND (2.35)	1.55 B	ND (1.05)	ND (0.705)	NA
PCB-106	ND (2.29)	ND (0.92)	ND (1.16)	ND (0.7)	NA
PCB-118	**9.52**	2.72 B	ND (0.983)	**1.11**	NA
PCB114	ND (2.48)	ND (0.971)	ND (1.04)	ND (0.671)	NA
PCB123	ND (2.35)	ND (0.972)	ND (1.08)	ND (0.686)	NA
PCB126	ND (2.69)	ND (0.999)	ND (1.12)	ND (0.822)	NA
PCB156/157	ND (3.35)	ND (0.977)	ND (1.42)	ND (1.16)	NA
PCB167	ND (2.47)	ND (0.721)	ND (1.12)	ND (0.859)	NA
PCB169	ND (2.96)	ND (0.971)	ND (1.69)	ND (0.993)	NA
PCB189	ND (2.49)	ND (0.967)	ND (1.4)	ND (0.925)	NA

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (2.9)	ND (0.924)	ND (2.04)	ND (1.01)	NA
Total Dichlorobiphenyls (Congener Sum)	47.5 B	29.6 B	25.7 B	15.2 B	NA
Total Trichlorobiphenyls (Congener Sum)	ND (2.47)	ND (0.983)	2.14	ND (0.942)	NA
Total Tetrachlorobiphenyls (Congener Sum)	67.5 B	8.84 B	6.37 B	4.3 B	NA
Total Pentachlorobiphenyls (Congener Sum)	5.53	20.6 J	22.1 B	19.5	NA
Total Hexachlorobiphenyls (Congener Sum)	ND (4.46)	ND (2.93)	ND (4.07)	ND (1.88)	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (2.46)	ND (0.862)	ND (1.35)	ND (0.927)	NA
Total Octachlorobiphenyls (Congener Sum)	29.4 B	19.3 B	ND (1.05)	5.99 B	NA
Total Nonachlorobiphenyls (Congener Sum)	27.3 B	16.8B	9B	14B	NA
Total Decachlorobiphenyls[a]	19.9 B	7.33 B	12.5B	10.8 B	NA
Total PCB (Congener Sum) (ND=0)	245.6 B	102 B	78 B	70 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	453.1 B	185 B	192B	132B	NA
SVOCs (ug/L)					
Hexachlorobenzene	ND (1)	ND(1)R	ND(1)R	ND (0.9) R	ND (0.9) R
Hexachlorobutadiene	ND (1)	ND(1)R	ND(1)R	ND (0.9) R	ND (0.9) R
Octachlorostyrene	NA	NA	NA	NA	ND(2)R
Pentachlorobenzene	NA	NA	NA	NA	ND(2)R

Results are total concentrations in water, except those from November 2008, which are dissolved

[a]: PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMP = Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND: Not Detected
NA = Not Analyzed

Table B-3.Groundwater Concentrations: MW-3

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.006	0.00080	ND	0.0128	NA
TEQ (2005 WHO TEFs)	0.013	0.00024	ND	0.0149	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.318)	ND (0.869)	ND (1.16)	ND (0.977)	NA
1,2,3,7,8-PECDD	ND (0.546)	ND (0.798)	ND (1.82)	ND (0.312)	NA
1,2,3,4,7,8-HXCDD	ND (0.922)	ND (0.77)	ND (1.56)	ND (1.05)	NA
1,2,3,6,7,8-HXCDD	ND (0.933)	ND (0.844)	ND (1.77)	ND (1.11)	NA
1,2,3,7,8,9-HXCDD	ND (0.965)	ND (0.822)	ND (1.83)	ND (1.27)	NA
1,2,3,4,6,7,8-HPCDD	ND (2.19)	ND (1.06)	ND (2.39)	1.17	NA
OCDD	41.7	ND (3.53)	ND (6.34)	10.7	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.419)	ND (0.296)	ND (0.423)	ND (0.479)	NA
1,2,3,7,8-PECDF	ND (0.585)	ND (1.26)	ND (0.487)	ND (0.705)	NA
2,3,4,7,8-PECDF	ND (0.549)	ND (1.11)	ND (0.431)	ND (0.599)	NA
1,2,3,4,7,8-HXCDF	ND (0.174)	ND (0.203)	ND (0.438)	ND (0.366)	NA
1,2,3,6,7,8-HXCDF	ND (0.168)	ND (0.215)	ND (0.42)	ND (0.337)	NA
1,2,3,7,8,9-HXCDF	ND (0.253)	ND (0.359)	ND (0.587)	ND (0.504)	NA
2,3,4,6,7,8-HXCDF	ND (0.187)	ND (0.279)	ND (0.423)	ND (0.341)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.451)	ND (0.539)	ND (0.182)	ND (0.504)	NA

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
1,2,3,4,7,8,9-HPCDF	ND (0.678)	ND (0.871)	ND (0.302)	ND (0.665)	NA
OCDF	ND (4.03)	ND (2.91)	ND (11)	ND (2.31)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (48.5)	50.1 J
Arsenic	ND (0.67)	ND (0.7)	3.3	4.4	ND (9.5)
Manganese	11300	12100	16200	15700	18600
Thallium	0.13J	ND (0.037)	0.21 J	0.49 J	ND (70)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (3.52)	ND (1.27)	ND (1.98)	ND (1.22)	NA
PCB 81	ND (3.48)	ND (1.25)	ND (1.98)	ND (1.15)	NA
PCB 105	4.39	2.64 B	ND (1.39)	ND (0.853)	NA
PCB-106	ND (2.78)	ND (0.914)	ND (1.52)	ND (0.903)	NA
PCB-118	9.67	5.33 B	ND (1.27)	2.33	NA
PCB 114	ND (2.93)	ND (0.998)	ND (1.28)	ND (0.868)	NA
PCB 123	ND (2.86)	ND (0.971)	ND (1.42)	ND (0.886)	NA
PCB 126	ND (2.84)	ND (1.33)	ND (1.45)	ND (1)	NA
PCB 156/157	ND (3.7)	ND (1.2)	ND (1.89)	ND (1.3)	NA
PCB 167	ND (2.65)	ND (0.881)	ND (1.41)	ND (0.954)	NA
PCB 169	ND (3.55)	ND (1.13)	ND (2.12)	ND (1.14)	NA
PCB 189	ND (3)	ND (0.99)	ND (1.65)	ND (1.09)	NA

Sample Date	5/15/2007	8/20/2007	11/11/2008	5/27/2009	10/20/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (2.72)	ND (1.04)	ND (1.93)	ND (0.738)	NA
Total Dichlorobiphenyls (Congener Sum)	52.7 B	11.6 B	9.77 B	14.9 B	NA
Total Trichlorobiphenyls (Congener Sum)	ND (9.16)	4.87 B	7.4 B	8.91 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	36 B	20.3 B	6.79 B	13.2 B	NA
Total Pentachlorobiphenyls (Congener Sum)	50.8 B	35.9 B	ND (1.33)	7.26 B	NA
Total Hexachlorobiphenyls (Congener Sum)	58.1 B	14.5 B	ND (1.68)	6.02 B	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (3.04)	ND (1.05)	ND (1.83)	ND (1.21)	NA
Total Octachlorobiphenyls (Congener Sum)	ND (2.36)	ND (0.941)	ND (1.63)	ND (1.19)	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (3.88)	ND (2.98)	ND (5.46)	ND (2.49)	NA
Total Decachlorobiphenyls[a]	ND (3.21)	ND (0.999)	ND (2.75)	ND (1.36)	NA
Total PCB (Congener Sum) (ND=0)	233 B	87 B	24 B	50 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	503 B	178B	179B	128B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND(1)	ND(1)R	ND (1) UJ	ND(1)	ND(1)R
Hexachlorobutadiene	ND (1)	ND(1)R	ND (1)	ND (1)	ND(1)R
Octachlorostyrene	NA	NA	NA	NA	ND(2)R
Pentachlorobenzene	NA	NA	NA	NA	ND(2)R

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC - Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND: Not Detected
NA = Not Analyzed

Table B-4.Groundwater Concentrations: MW-4

Sample Date	5/15/2007	8/20/2007	11/12/2008	5/28/2009	10/21/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.005	0.00145	ND	0.0004	NA
TEQ (2005 WHO TEFs)	0.011	0.00214	ND	0.0013	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.181)	ND (0.646)	ND (0.779)	ND (0.941)	NA
1,2,3,7,8-PECDD	ND (0.527)	ND (1.05)	ND (0.355)	ND (1.54)	NA
1,2,3,4,7,8-HXCDD	ND (0.794)	ND (1.01)	ND (2.51)	ND (1.61)	NA
1,2,3,6,7,8-HXCDD	ND (0.803)	ND (1.06)	ND (2.81)	ND (1.89)	NA
1,2,3,7,8,9-HXCDD	ND (0.825)	ND (0.986)	ND (3.17)	ND (1.98)	NA
1,2,3,4,6,7,8-HPCDD	ND (0.866)	ND (0.99)	ND (3.05)	ND (2.21)	NA
OCDD	34.2	6.3	ND (7.66)	4.42	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.548)	ND (0.455)	ND (0.36)	ND (0.966)	NA
1,2,3,7,8-PECDF	ND (0.709)	ND (1.58)	ND (0.75)	ND (0.851)	NA
2,3,4,7,8-PECDF	ND (0.672)	ND (1.3)	ND (0.657)	ND (0.825)	NA
1,2,3,4,7,8-HXCDF	ND (0.165)	ND (0.49)	ND (0.383)	ND (0.661)	NA
1,2,3,6,7,8-HXCDF	ND (0.158)	ND (0.509)	ND (0.388)	ND (0.565)	NA
1,2,3,7,8,9-HXCDF	ND (0.254)	ND (0.789)	ND (0.556)	ND (0.9)	NA
2,3,4,6,7,8-HXCDF	ND (0.187)	ND (0.646)	ND (0.397)	ND (0.575)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.634)	ND (0.481)	ND (2.62)	ND (0.84)	NA

Sample Date	5/15/2007	8/20/2007	11/12/2008	5/28/2009	10/21/2009
1,2,3,4,7,8,9-HPCDF	ND (0.993)	ND (0.87)	ND (3.67)	ND (1.14)	NA
OCDF	ND (3.41)	ND (1.67)	ND (7.25)	ND (2.22)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.67)	ND (0.7)	ND (0.95)	ND (0.95)	ND (1.9)
Manganese	**1330**	**1340**	**1410 J**	**1520**	**1620**
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (2.68)	ND (1.29)	ND (2.91)	ND (1.21)	NA
PCB 81	ND (2.67)	ND (1.28)	ND (2.73)	ND (1.18)	NA
PCB 105	6.13	3.03 B	ND (1.69)	1.69	NA
PCB-106	ND (2.1)	ND (1.15)	ND (1.96)	ND (0.824)	NA
PCB-118	12	5.21 B	ND (1.63)	2.22	NA
PCB 114	ND (2.24)	ND (1.2)	ND (1.57)	ND (0.76)	NA
PCB 123	ND (2.15)	ND (1.22)	ND (1.82)	ND (0.806)	NA
PCB 126	ND (2.66)	ND (1.04)	ND (2.03)	ND (0.958)	NA
PCB 156/157	ND (2.43)	ND (1.35)	ND (2.28)	ND (1.32)	NA
PCB 167	ND (1.84)	ND (1)	ND (1.85)	ND (1.02)	NA
PCB 169	ND (2.5)	ND (1.23)	ND (2.69)	ND (1.13)	NA
PCB 189	ND (2.8)	ND (0.99)	ND (2)	ND (1.03)	NA

Sample Date	5/15/2007	8/20/2007	11/12/2008	5/28/2009	10/21/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (2)	ND (1.13)	ND (2.31)	ND (0.619)	NA
Total Dichlorobiphenyls (Congener Sum)	40 B	10.5 B	14.3 B	20.1 B	NA
Total Trichlorobiphenyls (Congener Sum)	22.5 B	2.52 B	12.3B	6.81 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	32.5 B	23.9 B	4.52 B	13.2B	NA
Total Pentachlorobiphenyls (Congener Sum)	77.7 B	38.4 B	2.51 B	9.81 B	NA
Total Hexachlorobiphenyls (Congener Sum)	96.6 B	17.6B	ND (2.06)	7.53 B	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (2.36)	3.85 B	ND (2.15)	3.22 B	NA
Total Octachlorobiphenyls (Congener Sum)	ND (1.85)	2.47 J	ND (2.06)	ND (1.13)	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (3.51)	ND (3.04)	ND (6.05)	ND (2.5)	NA
Total Decachlorobiphenyls[a]	ND (2.11)	ND (1.11)	ND (3.17)	ND (1.29)	NA
Total PCB (Congener Sum) (ND=0)	299 B	99 B	34 B	61 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	481 B	197B	210B	134B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (1)	ND (1)	ND(1)	ND(1)UJ	ND (1)
Hexachlorobutadiene	ND(1)	ND(1)	ND (1)	ND (1)	ND(1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC = Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND = Not Detected
NA = Not Analyzed

Table B-5.Groundwater Concentrations: MW-5

Sample Date	5/15/2007	8/21/2007	11/12/2008	5/28/2009	10/21/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.002	0.00311	ND	0.0143	NA
TEQ (2005 WHO TEFs)	0.003	0.00326	ND	0.0248	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.224)	ND (0.317)	ND (0.832)	ND (0.994)	NA
1,2,3,7,8-PECDD	ND (0.477)	ND (0.522)	ND (1.62)	ND (0.85)	NA
1,2,3,4,7,8-HXCDD	ND (0.631)	ND (0.606)	ND (2.24)	ND (1.32)	NA
1,2,3,6,7,8-HXCDD	ND (0.647)	ND (0.616)	ND (2.27)	ND (1.36)	NA
1,2,3,7,8,9-HXCDD	ND (0.698)	ND (0.57)	ND (2.7)	ND (1.61)	NA
1,2,3,4,6,7,8-HPCDD	ND (1.11)	ND (0.823)	ND (4.81)	0.897	NA
OCDD	9.26	9.6	ND (6.99)	52.9	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.22)	ND (0.299)	ND (0.769)	ND (0.647)	NA
1,2,3,7,8-PECDF	ND (0.567)	ND (0.468)	ND (1.81)	ND (0.433)	NA
2,3,4,7,8-PECDF	ND (0.551)	ND (0.421)	ND (1.62)	ND (0.375)	NA
1,2,3,4,7,8-HXCDF	ND (0.16)	ND (0.598)	ND (1.73)	ND (0.639)	NA
1,2,3,6,7,8-HXCDF	ND (0.149)	ND (0.595)	ND (1.66)	ND (0.552)	NA
1,2,3,7,8,9-HXCDF	ND (0.244)	ND (0.947)	ND (2.6)	ND (0.886)	NA
2,3,4,6,7,8-HXCDF	ND (0.174)	ND (0.737)	ND (1.83)	ND (0.606)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.625)	ND (0.475)	ND (1.39)	ND (0.446)	NA

Sample Date	5/15/2007	8/21/2007	11/12/2008	5/28/2009	10/21/2009
1,2,3,4,7,8,9-HPCDF	ND (0.926)	ND (0.816)	ND (2.03)	ND (0.606)	NA
OCDF	ND (1.94)	ND (1.1)	ND (7.39)	ND (4.51)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	22.7	ND (48.5)
Arsenic	ND (0.67)	ND (0.7)	ND (0.95)	ND (0.95)	ND (9.5)
Manganese	16900	13400	20300	18200	21700
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (70)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (1.43)	ND (1.16)	ND (1.84)	ND (1.52)	NA
PCB 81	ND (1.49)	ND (1.18)	ND (1.78)	ND (1.47)	NA
PCB 105	4.75	3.74 B	ND (1.09)	11	NA
PCB-106	ND (1.61)	ND (0.967)	ND (1.21)	ND (0.957)	NA
PCB-118	10.3	6.78 B	ND (1.03)	19	NA
PCB 114	ND (1.58)	ND (1.09)	ND (1.03)	ND (0.853)	NA
PCB 123	ND (1.65)	ND (1.04)	ND (1.12)	ND (0.939)	NA
PCB 126	ND (1.9)	ND (1.23)	ND (1.24)	ND (0.898)	NA
PCB 156/157	ND (2.28)	2.2 B	ND (1.6)	3.4	NA
PCB 167	2.85	ND (1.06)	ND (1.23)	ND (0.963)	NA
PCB 169	ND (2.25)	ND (1.27)	ND (2.03)	ND (1.1)	NA
PCB 189	ND (1.86)	ND (1.07)	ND (1.28)	ND (1.05)	NA

Sample Date	5/15/2007	8/21/2007	11/12/2008	5/28/2009	10/21/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	3.64	ND (1.14)	3.31 B	ND (0.624)	NA
Total Dichlorobiphenyls (Congener Sum)	43.8 B	4.77 B	18.4B	13.6B	NA
Total Trichlorobiphenyls (Congener Sum)	17.6B	2.95 B	14B	6.85 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	44.5 B	26.6 B	13.4B	32.4 B	NA
Total Pentachlorobiphenyls (Congener Sum)	41.9 B	55.7 B	9.98 B	115 B	NA
Total Hexachlorobiphenyls (Congener Sum)	85.5 B	16.7 B	ND (1.44)	71.2 B	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (1.72)	2.14B	ND (1.41)	14.3 B	NA
Total Octachlorobiphenyls (Congener Sum)	ND (1.51)	ND (1.14)	ND (1.33)	4.85 B	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (2.92)	ND (3.43)	ND (4.38)	ND (2.74)	NA
Total Decachlorobiphenyls[a]	ND (1.58)	ND (1.24)	ND (2.24)	5.48	NA
Total PCB (Congener Sum) (ND=0)	308.5 B	109 B	59 B	264 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	435.9 B	206 B	169 B	329 B	NA
SVOCs (ug/L)					
Hexachlorobenzene	ND(1)	ND (1) R	ND(1)R	ND (1) R	ND(1)R
Hexachlorobutadiene	ND (1)	ND (1) R	ND(1)R	ND (1) R	ND(1)R
Octachlorostyrene	NA	NA	NA	NA	ND(2)R
Pentachlorobenzene	NA	NA	NA	NA	ND(2)R

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B[1] flagged
EMPC = Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND: Not Detected
NA = Not Analyzed

Table B-6.Groundwater Concentrations: MW-6

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/28/2009	10/21/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.002	0.00035	ND	0.00046	NA
TEQ (2005 WHO TEFs)	0.004	0.00010	ND	0.0014	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.288)	ND (0.554)	ND (0.616)	ND (0.69)	NA
1,2,3,7,8-PECDD	ND (0.672)	ND (1.74)	ND (0.431)	ND (1.48)	NA
1,2,3,4,7,8-HXCDD	ND (1.1)	ND (1.98)	ND (1.65)	ND (1.25)	NA
1,2,3,6,7,8-HXCDD	ND (1.08)	ND (2.21)	ND (1.89)	ND (1.42)	NA
1,2,3,7,8,9-HXCDD	ND (1.24)	ND (1.93)	ND (1.96)	ND (1.42)	NA
1,2,3,4,6,7,8-HPCDD	ND (1.28)	ND (1.04)	ND (4.01)	ND (1.72)	NA
OCDD	11	ND (3.55)	ND (2.92)	4.51	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.292)	ND (0.465)	ND (0.417)	ND (0.726)	NA
1,2,3,7,8-PECDF	ND (0.929)	ND (1.07)	ND (1.15)	ND (0.495)	NA
2,3,4,7,8-PECDF	ND (0.863)	ND (0.962)	ND (1.03)	ND (0.485)	NA
1,2,3,4,7,8-HXCDF	ND (0.94)	ND (0.239)	ND (0.729)	ND (0.445)	NA
1,2,3,6,7,8-HXCDF	ND (0.898)	ND (0.281)	ND (0.76)	ND (0.41)	NA
1,2,3,7,8,9-HXCDF	ND (1.5)	ND (0.437)	ND (1.11)	ND (0.661)	NA
2,3,4,6,7,8-HXCDF	ND (1.04)	ND (0.342)	ND (0.809)	ND (0.424)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.654)	ND (0.282)	ND (0.432)	ND (0.545)	NA

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/28/2009	10/21/2009
1,2,3,4,7,8,9-HPCDF	ND (0.938)	ND (0.484)	ND (0.668)	ND (0.734)	NA
OCDF	ND (2.31)	ND (1.06)	ND (4.3)	ND (2.5)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.7)	ND (0.7)	ND (0.95)	ND (0.95)	2.4 B
Manganese	181	133	148	141	158
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (1.67)	ND (1.17)	ND (2.84)	ND (0.941)	NA
PCB 81	ND (1.76)	ND (1.19)	ND (2.73)	ND (0.89)	NA
PCB 105	4.39	ND (1.22)	ND (1.79)	ND (0.765)	NA
PCB-106	ND (1.36)	ND (1.12)	ND (2)	ND (0.778)	NA
PCB-118	8.24	3.46 B	ND (1.7)	1.76	NA
PCB 114	ND (1.39)	ND (1.22)	ND (1.74)	ND (0.733)	NA
PCB 123	ND (1.4)	ND (1.2)	ND (1.86)	ND (0.761)	NA
PCB 126	ND (1.57)	ND (1.33)	ND (2.13)	ND (0.776)	NA
PCB 156/157	ND (1.92)	ND (1.54)	ND (2.01)	ND (1.03)	NA
PCB 167	3.68	ND (1.16)	ND (1.48)	ND (0.797)	NA
PCB 169	ND (1.76)	ND (1.32)	ND (2.36)	ND (0.915)	NA
PCB 189	ND (1.52)	ND (0.903)	ND (1.83)	ND (0.772)	NA

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/28/2009	10/21/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	5.63 B	ND (1.14)	ND (2.06)	ND (0.652)	NA
Total Dichlorobiphenyls (Congener Sum)	40.7 B	6.99 B	15.1 B	6.99 B	NA
Total Trichlorobiphenyls (Congener Sum)	22.7 B	1.99 B	17.1 B	3.31 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	30.1 B	15.2 B	43.7 B	ND (0.9)	NA
Total Pentachlorobiphenyls (Congener Sum)	54.3 B	20.9 B	13.2B	4.88 B	NA
Total Hexachlorobiphenyls (Congener Sum)	76.9 B	5.84 B	ND (1.81)	4.21 B	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (1.7)	ND (1.14)	ND (1.83)	ND (0.892)	NA
Total Octachlorobiphenyls (Congener Sum)	ND (1.43)	ND (1.07)	ND (1.82)	ND (0.871)	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (2.32)	ND (3.06)	ND (5.63)	ND (2.14)	NA
Total Decachlorobiphenyls[a]	2.19	ND (1.09)	ND (3.3)	ND (1.09)	NA
Total PCB (Congener Sum) (ND=0)	272.8 B	51 B	89 B	19B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	409.5 B	156B	247 B	88 B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (1)	ND (0.9)	ND(1)	ND(1)UJ	ND (0.9)
Hexachlorobutadiene	ND(1)	ND (0.9)	ND (1)	ND (1)	ND (0.9)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC = Estimated Maximum Potential Concentration

J = Analyte present. Reported concentration may not be accurate or precise ND: Not Detected
NA = Not Analyzed

Table B-7.Groundwater Concentrations: MW-7

Sample Date	5/16/2007	8/20/2007	11/13/2008	5/28/2009	10/21/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.002	0.00029	ND	0.0083	NA
TEQ (2005 WHO TEFs)	0.003	0.00009	ND	0.0098	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (1.34)	ND (1.72)	ND (0.59)	0.75	NA
1,2,3,7,8-PECDD	ND (0.658)	ND (0.643)	ND (0.356)	ND (1.02)	NA
1,2,3,4,7,8-HXCDD	ND (0.639)	ND (0.694)	ND (0.382)	ND (1.13)	NA
1,2,3,6,7,8-HXCDD	ND (0.701)	ND (0.677)	ND (0.379)	ND (1.18)	NA
1,2,3,7,8,9-HXCDD	ND (0.705)	ND (0.751)	ND (0.654)	ND (0.653)	NA
1,2,3,4,6,7,8-HPCDD	ND (0.377)	ND (0.625)	ND (0.498)	ND (0.682)	NA
OCDD	7.21	ND (5)	ND (1.75)	6.65	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.518)	ND (0.294)	ND (0.456)	ND (0.182)	NA
1,2,3,7,8-PECDF	ND (0.83)	ND (0.519)	ND (0.695)	ND (0.249)	NA
2,3,4,7,8-PECDF	ND (0.255)	ND (0.204)	ND (0.369)	ND (0.256)	NA
1,2,3,4,7,8-HXCDF	ND (0.244)	ND (0.211)	ND (0.373)	ND (0.22)	NA
1,2,3,6,7,8-HXCDF	ND (0.4)	ND (0.358)	ND (0.459)	ND (0.341)	NA
1,2,3,7,8,9-HXCDF	ND (0.621)	ND (0.467)	ND (0.331)	ND (0.361)	NA
2,3,4,6,7,8-HXCDF	ND (0.296)	ND (0.269)	ND (0.401)	ND (0.259)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.606)	ND (0.401)	ND (0.318)	ND (0.338)	NA

Sample Date	5/16/2007	8/20/2007	11/13/2008	5/28/2009	10/21/2009
1,2,3,4,7,8,9-HPCDF	ND (0.264)	ND (0.373)	ND (0.215)	ND (0.376)	NA
OCDF	ND (2.46)	ND (2.73)	ND (0.95)	0.953	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.7)	ND (0.7)	ND (0.95)	ND (0.95)	2.6 B
Manganese	96.2	83.8	85.3	88.7	106
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (1.6)	ND (1.16)	ND (2.35)	ND (1.22)	NA
PCB 81	ND (1.73)	ND (1.16)	ND (2.24)	ND (1.22)	NA
PCB 105	3.57	ND (1.09)	ND (1.36)	0.86	NA
PCB-106	ND (1.41)	ND (0.996)	ND (1.47)	ND (0.833)	NA
PCB-118	7.74	2.9 B	2.84	1.28	NA
PCB 114	ND (1.52)	ND (1.01)	ND (1.32)	ND (0.779)	NA
PCB 123	ND (1.46)	ND (1.07)	ND (1.39)	ND (0.814)	NA
PCB 126	ND(1.87)	ND (1.07)	ND (1.52)	ND (0.691)	NA
PCB 156/157	ND (2.08)	ND (1.58)	ND (1.91)	ND (0.911)	NA
PCB 167	2.52	ND (1.18)	ND (1.42)	ND (0.704)	NA
PCB 169	ND (1.89)	ND (1.34)	ND (1.7)	ND (0.802)	NA
PCB 189	ND (1.46)	ND (1.28)	ND (1.39)	ND (0.852)	NA

Sample Date	5/16/2007	8/20/2007	11/13/2008	5/28/2009	10/21/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (1.23)	ND (1.35)	ND (2.49)	ND (1.06)	NA
Total Dichlorobiphenyls (Congener Sum)	66.6 B	12.7B	19.6 B	43.5 B	NA
Total Trichlorobiphenyls (Congener Sum)	ND (1.54)	ND (1.19)	ND (1.45)	1.74 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	41.4 B	8.58 B	ND (1.54)	3.78 B	NA
Total Pentachlorobiphenyls (Congener Sum)	20.4 B	ND (1.1)	ND (1.33)	ND (0.544)	NA
Total Hexachlorobiphenyls (Congener Sum)	ND (2.49)	ND (3)	ND (4.85)	ND (2.15)	NA
Total Heptachlorobiphenyls (Congener Sum)	ND (1.22)	ND (1.11)	ND (1.45)	ND (0.95)	NA
Total Octachlorobiphenyls (Congener Sum)	47 B	28 B	21.3B	7.01 B	NA
Total Nonachlorobiphenyls (Congener Sum)	38 B	20 B	63.2 B	5.02 B	NA
Total Decachlorobiphenyls[a]	21.4B	8.46 B	35.9 B	9.13B	NA
Total PCB (Congener Sum) (ND=0)	320.6 B	78 B	140 B	70 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	439.5 B	171 B	269 B	137B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1) UJ	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC = Estimated Maximum Potential Concentration
J = Analyte present. Reported concentration may not be accurate or precise

NA = Not Analyzed
NA = Not Analyzed
ND = Not Detected

Table B-8.Groundwater Concentrations: MW-8

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/29/2009	10/21/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ (1998 WHO TEFs)	0.077	0.00171	ND	0.0003	NA
TEQ (2005 WHO TEFs)	0.102	0.00277	ND	0.0009	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.344)	ND (0.444)	ND (0.465)	ND (1.41)	NA
1,2,3,7,8-PECDD	ND (1.02)	ND (1.31)	ND (1.57)	ND (1.26)	NA
1,2,3,4,7,8-HXCDD	ND (1.36)	ND (1.18)	ND (1.22)	ND (1.49)	NA
1,2,3,6,7,8-HXCDD	ND (1.42)	ND (1.23)	ND (1.48)	ND (1.6)	NA
1,2,3,7,8,9-HXCDD	ND (1.44)	ND (1.23)	ND (1.45)	ND (1.76)	NA
1,2,3,4,6,7,8-HPCDD	2.52	ND (0.9)	ND (2.33)	ND (1.25)	NA
OCDD	65.1	ND (5)	ND (4.57)	ND (3.79)	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.619)	ND (0.467)	ND (0.287)	ND (0.615)	NA
1,2,3,7,8-PECDF	ND (1.23)	ND (1.12)	ND (0.61)	ND (0.869)	NA
2,3,4,7,8-PECDF	ND (1.12)	ND (0.917)	ND (0.518)	ND (0.816)	NA
1,2,3,4,7,8-HXCDF	ND (0.666)	ND (0.273)	ND (0.386)	ND (0.442)	NA
1,2,3,6,7,8-HXCDF	ND (0.617)	ND (0.299)	ND (0.38)	ND (0.404)	NA
1,2,3,7,8,9-HXCDF	ND (1.05)	ND (0.504)	ND (0.587)	ND (0.59)	NA
2,3,4,6,7,8-HXCDF	ND (0.79)	ND (0.38)	ND (0.4)	ND (0.427)	NA
1,2,3,4,6,7,8-HPCDF	3.5	ND (2.5)	ND (0.835)	ND (1.78)	NA

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/29/2009	10/21/2009
1,2,3,4,7,8,9-HPCDF	ND (0.666)	ND (1.08)	ND (1.29)	ND (2.35)	NA
OCDF	71.9	8.35	ND (4.46)	3.09	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.7)	ND (0.7)	ND (0.95)	ND (0.95)	3.4 B
Manganese	163	153	173	173	199
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB77	ND (1.53)	ND (1.44)	ND (2.29)	ND (1.67)	NA
PCB 81	ND (1.59)	ND (1.44)	ND (2.33)	ND (1.62)	NA
PCB 105	6.56	3.35 B	ND (1.45)	1.93	NA
PCB-106	ND (1.43)	ND (0.907)	ND (1.59)	ND (1.04)	NA
PCB-118	12.6	5.37 B	ND (1.29)	2.96	NA
PCB 114	ND (1.55)	ND(1)	ND (1.38)	ND (0.959)	NA
PCB 123	ND (1.48)	ND (0.977)	ND (1.47)	ND (1.01)	NA
PCB 126	ND (1.49)	ND (1.31)	ND (1.79)	ND (1.09)	NA
PCB 156/157	3.11	ND (1.49)	ND (2.16)	ND (1.52)	NA
PCB 167	3.82	ND (1.13)	ND (1.52)	ND (1.21)	NA
PCB 169	ND (1.74)	ND (1.27)	ND (1.81)	ND (1.28)	NA
PCB 189	ND (1.48)	ND (1.13)	ND (2.01)	ND (0.944)	NA

Sample Date	5/16/2007	8/21/2007	11/13/2008	5/29/2009	10/21/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	19.1 B	ND (1.02)	ND (1.32)	ND (0.582)	NA
Total Dichlorobiphenyls (Congener Sum)	60.2 B	61.1 J	16B	11.3 B	NA
Total Trichlorobiphenyls (Congener Sum)	42.4 B	7.41 B	5.68 B	4.49 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	58.1 B	27.1 B	12B	5.11 B	NA
Total Pentachlorobiphenyls (Congener Sum)	80.8 B	35.2 B	ND (1.39)	12.7B	NA
Total Hexachlorobiphenyls (Congener Sum)	88.6 B	18.1 B	ND (1.66)	9.87 B	NA
Total Heptachlorobiphenyls (Congener Sum)	5.68 B	6.68 B	ND (2.16)	1.85 B	NA
Total Octachlorobiphenyls (Congener Sum)	2.22 B	2.01 J	ND (1.83)	ND (1.26)	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (2.24)	ND (3.13)	ND (5.21)	ND (2.82)	NA
Total Decachlorobiphenyls[a]	51.1	8.7	ND (2.92)	ND (1.45)	NA
Total PCB (Congener Sum) (ND=0)	442.2 B	166B	34 B	45 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	536.3 B	258 B	187B	133B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (0.9)	ND (1)	ND(1)	ND(1)	ND (1)
Hexachlorobutadiene	ND (0.9)	ND(1)	ND (1)	ND (1)	ND(1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC = Estimated Maximum Potential Concentration
J = Analyte present. Reported concentration may not be accurate or precise
NA = Not Analyzed
ND = Not Detected

Table B-9.Groundwater Concentrations: MW-9

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ(1998 WHO TEFs)	0.002	0.00032	ND	0.00015	NA
TEQ(2005 WHO TEFs)	0.003	0.00010	ND	0.00005	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.399)	ND (0.583)	ND (0.597)	ND (1.01)	NA
1,2,3,7,8-PECDD	ND (1.39)	ND (0.802)	ND (1.41)	ND (0.751)	NA
1,2,3,4,7,8-HXCDD	ND (0.926)	ND (0.539)	ND (1.5)	ND (1.18)	NA
1,2,3,6,7,8-HXCDD	ND (0.91)	ND (0.592)	ND (1.58)	ND (1.22)	NA
1,2,3,7,8,9-HXCDD	ND (1.02)	ND (0.564)	ND (1.69)	ND (1.42)	NA
1,2,3,4,6,7,8-HPCDD	ND (2.25)	ND (2.06)	ND (5.4)	ND (1.16)	NA
OCDD	ND (2.8)	ND (1.68)	ND (7.79)	ND (3.95)	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.691)	ND (0.392)	ND (0.406)	ND (0.762)	NA
1,2,3,7,8-PECDF	ND (0.864)	ND (0.649)	ND (0.62)	ND (0.227)	NA
2,3,4,7,8-PECDF	ND (0.839)	ND (0.564)	ND (0.549)	ND (0.206)	NA
1,2,3,4,7,8-HXCDF	ND (0.303)	ND (0.4)	ND (0.595)	ND (0.303)	NA
1,2,3,6,7,8-HXCDF	ND (0.286)	ND (0.47)	ND (0.58)	ND (0.268)	NA
1,2,3,7,8,9-HXCDF	ND (0.5)	ND (0.811)	ND (0.902)	ND (0.435)	NA
2,3,4,6,7,8-HXCDF	ND (0.381)	ND (0.595)	ND (0.606)	ND (0.31)	NA
1,2,3,4,6,7,8-HPCDF	ND (1.12)	ND (0.422)	ND (0.7)	ND (0.516)	NA

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
1,2,3,4,7,8,9-HPCDF	ND (1.72)	ND (0.712)	ND (0.969)	ND (0.677)	NA
OCDF	10.5	ND (1.44)	ND (6.25)	ND (2.89)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.7)	ND (0.7)	ND (0.95)	ND (0.95)	ND (1.9)
Manganese	568	487	489	456	467
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (1.88)	ND (1.41)	ND (1.29)	ND (1.48)	NA
PCB 81	ND (1.9)	ND (1.43)	ND (1.32)	ND (1.42)	NA
PCB 105	2.98 B	ND (1.27)	ND (0.863)	ND (0.94)	NA
PCB-106	ND (1.33)	ND (1.16)	ND (0.893)	ND (0.936)	NA
PCB-118	5.4 B	3.23 B	ND (0.781)	1.49	NA
PCB 114	ND (1.39)	ND (1.25)	ND (0.783)	ND (0.877)	NA
PCB 123	ND (1.36)	ND (1.25)	ND (0.826)	ND (0.944)	NA
PCB 126	ND (1.7)	ND (1.32)	ND (0.917)	ND (1.07)	NA
PCB 156/157	ND (1.95)	ND (1.36)	ND (1.22)	ND (1.27)	NA
PCB 167	ND (1.53)	ND (1.02)	ND (0.943)	ND (0.966)	NA
PCB 169	ND (1.93)	ND (1.22)	ND (0.978)	ND (1.14)	NA
PCB 189	ND (1.43)	ND (1.21)	ND (1.19)	ND (0.945)	NA

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (2.44)	ND (1.07)	8.73	ND (0.632)	NA
Total Dichlorobiphenyls (Congener Sum)	130B	30.1 B	26.4 B	17.7B	NA
Total Trichlorobiphenyls (Congener Sum)	148 B	4.36 B	19.7 B	8.29 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	92.7 B	20.7 B	20.7 B	4.86 B	NA
Total Pentachlorobiphenyls (Congener Sum)	63.7 B	32.1 B	8.6 B	4.16 B	NA
Total Hexachlorobiphenyls (Congener Sum)	29.8 B	10.2 B	2.45 B	4.69 B	NA
Total Heptachlorobiphenyls (Congener Sum)	6.52 B	ND (1.35)	ND (1.15)	ND (1.14)	NA
Total Octachlorobiphenyls (Congener Sum)	ND (1.11)	ND (1.13)	ND (0.916)	ND (1.04)	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (2.5)	ND (4.03)	ND (3.17)	ND (2.74)	NA
Total Decachlorobiphenyls[a]	6.38	ND (1.47)	ND (1.92)	ND (1.23)	NA
Total PCB (Congener Sum) (ND=0)	477 B	97 B	78 B	40 B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	594 B	204 B	159B	125B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC - Estimated Maximum Potential Concentration
J = Analyte present. Reported concentration may not be accurate or precise
NA = Not Analyzed
ND - Not Detected

Table B-10.Groundwater Concentrations: MW-10

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
Total 2,3,7,8-TCDD Equivalent Concentration (TEQ) (pg/L)					
TEQ(1998 WHO TEFs)	0.104	0.00124	0.137	0.0639	NA
TEQ(2005 WHO TEFs)	0.128	0.00228	0.168	0.0855	NA
Polychlorinated Dibenzo(p)dioxin Congeners (pg/L)					
2,3,7,8-TCDD	ND (0.963)	ND (0.663)	ND (0.982)	ND (0.516)	NA
1,2,3,7,8-PECDD	ND (1.51)	ND (0.564)	ND (0.969)	ND (0.694)	NA
1,2,3,4,7,8-HXCDD	ND (1.38)	ND (0.493)	ND (3.77)	ND (0.755)	NA
1,2,3,6,7,8-HXCDD	ND (1.33)	ND (0.552)	ND (4.49)	ND (0.797)	NA
1,2,3,7,8,9-HXCDD	ND (1.43)	ND (0.509)	ND (4.23)	ND (0.905)	NA
1,2,3,4,6,7,8-HPCDD	9.2	ND (1.91)	8.97	4.48	NA
OCDD	118	7.07	183	108	NA
Polychlorinated Dibenzofuran Congeners (pg/L)					
2,3,7,8-TCDF	ND (0.597)	ND (0.524)	ND (0.401)	ND (0.447)	NA
1,2,3,7,8-PECDF	ND (0.907)	ND (0.758)	ND (0.943)	ND (0.454)	NA
2,3,4,7,8-PECDF	ND (0.885)	ND (0.604)	ND (0.82)	ND (0.436)	NA
1,2,3,4,7,8-HXCDF	ND (0.414)	ND (0.254)	ND (0.43)	ND (0.369)	NA
1,2,3,6,7,8-HXCDF	ND (0.388)	ND (0.29)	ND (0.4)	ND (0.318)	NA
1,2,3,7,8,9-HXCDF	ND (0.654)	ND (0.466)	ND (0.665)	ND (0.493)	NA
2,3,4,6,7,8-HXCDF	ND (0.491)	ND (0.338)	ND (0.485)	ND (0.352)	NA
1,2,3,4,6,7,8-HPCDF	ND (0.792)	ND (0.385)	2.23	0.831	NA

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
1,2,3,4,7,8,9-HPCDF	ND (1.24)	ND (0.682)	ND (2.59)	ND (0.715)	NA
OCDF	7.14	ND (2.06)	ND (3.72)	ND (2.04)	NA
Metals (ug/L)					
Antimony	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)	ND (9.7)
Arsenic	ND (0.7)	ND (0.7)	2.3	ND (0.95)	ND (1.9)
Manganese	699	952	48.9	634	1740
Thallium	ND (0.037)	ND (0.037)	ND (0.15)	ND (0.15)	ND (14)
Dioxin-like PCB congeners (pg/L)					
PCB 77	ND (2.21)	ND (1.34)	ND (1.49)	ND (1.21)	NA
PCB 81	ND (2.21)	ND (1.27)	ND (1.51)	ND (1.12)	NA
PCB 105	ND (1.58)	1.91 B	8.45	2.39	NA
PCB-106	ND (1.51)	ND (1.11)	ND (1.13)	ND (0.849)	NA
PCB-118	5.67 B	3.37 B	20	5.96	NA
PCB 114	ND (1.61)	ND (1.23)	ND (0.972)	ND (0.851)	NA
PCB 123	ND (1.54)	ND (1.2)	ND (1.04)	ND (0.851)	NA
PCB 126	ND (2.1)	ND (1.09)	ND (1.04)	ND (0.792)	NA
PCB 156/157	ND (1.84)	ND (1.54)	7.7	3.22	NA
PCB 167	ND (1.8)	ND (1.17)	3.74	ND (0.891)	NA
PCB 169	ND (2.32)	ND (2.45)	ND (1.03)	ND (1.03)	NA
PCB 189	ND (1.91)	ND (0.881)	ND (1.56)	ND (1.07)	NA

Sample Date	5/16/2007	8/22/2007	11/13/2008	5/29/2009	10/22/2009
PCB Homologs and Total PCBs (pg/L)					
Total Monochlorobiphenyls (Congener Sum)	ND (1.93)	25.2 EMPC	5.07	2.05 B	NA
Total Dichlorobiphenyls (Congener Sum)	67.7 B	16.5B	39.5 B	22.2 B	NA
Total Trichlorobiphenyls (Congener Sum)	41 B	5.29 B	39.5 B	9.24 B	NA
Total Tetrachlorobiphenyls (Congener Sum)	32.4 B	17.9B	31.5B	10.8B	NA
Total Pentachlorobiphenyls (Congener Sum)	32.5 B	29.6 B	124B	32.4 B	NA
Total Hexachlorobiphenyls (Congener Sum)	20.2 B	12.2 B	215B	56.4 B	NA
Total Heptachlorobiphenyls (Congener Sum)	9.99 B	3.19B	124	31.9B	NA
Total Octachlorobiphenyls (Congener Sum)	5.87 B	ND (1.05)	40.1	13B	NA
Total Nonachlorobiphenyls (Congener Sum)	ND (2.97)	ND (2.82)	21.6	7.26	NA
Total Decachlorobiphenyls[a]	8.93	ND (1.34)	51	8.6	NA
Total PCB (Congener Sum) (ND=0)	219B	110 B	691 B	194B	NA
Total PCB (Congener Sum) (ND=1/2 MDL)	362 B	208.6 B	751 B	252 B	NA
SVOCs(ug/L)					
Hexachlorobenzene	ND (0.9)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	ND (0.9)	ND (1)	ND (1)	ND (1)	ND (1)
Octachlorostyrene	NA	NA	NA	NA	ND (2)
Pentachlorobenzene	NA	NA	NA	NA	ND (2)

Results are total concentrations in water, except those from November 2008, which are dissolved

[a] PCB congener 209

B = Not detected substantially above the level measured in lab or field blanks
BOLD = Analyte detected above MDL and not 'B' flagged
EMPC - Estimated Maximum Potential Concentration
J = Analyte present. Reported concentration may not be accurate or precise

NA = Not Analyzed
ND = Not Detected

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01																									
Sampling Date	3/23/2016			10/4/2016			10/26/2017			6/19/2018			10/24/2018			5/1/2019			10/24/2019			4/14/2020			10/14/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		--	N.D.	UJ	--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.	H	0.10
Hexachlorobutadiene	N.D.		--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.51
Octachlorostyrene	N.D.		--	N.D.	UJ	--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.	H	2.0
Pentachlorobenzene	N.D.		--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.51
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00045	N.D.		0.00041	N.D.		0.0004	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041
Arsenic	0.0082		--	0.0167		--	0.0091		0.00072	0.0067		0.00072	0.0045		0.00068	0.0069		0.00073	0.0039		0.00068	N.D.		0.00068	0.0039		0.00068
Manganese	3.65		--	4.44		--	7.88		0.0045	6.39		0.0244	10.5		0.0244	5.35		0.0029	7.9		0.0063	7.9		0.0063	22		0.0063
Thallium	0.00025	J	--	0.00028	J	--	0.00032	J	0.00012	0.00038	J	0.00012	0.00033	J	0.00011	0.00032	J	0.00016	0.0003	J	0.00013	N.D.		0.00013	0.00031	J	0.00013

Client ID	MW-01																									
Sampling Date	4/20/2021			10/15/2021			4/27/2022			10/26/2022			4/19/2023			11/1/2023			8/28/2024			10/31/2025				
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.12	N.D.		0.00011			0.00012	N.D.	U	0.00012	N.D.	U	0.11			
Hexachlorobutadiene	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.56	N.D.		0.0005			0.00055	N.D.	U	0.52	N.D.	U	0.51			
Octachlorostyrene	N.D.		2	N.D.		2	N.D.		2	N.D.		2.2	N.D.		0.002			0.0022	N.D.	U	2.1	N.D.	U	2.1			
Pentachlorobenzene	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.56	N.D.		0.0005			0.00055	N.D.	U	0.52	N.D.	U	0.51			
Metals (Method 6020) mg/L																										
Antimony	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.0002	N.D.		0.0002	N.D.		0.0002	N.D.		0.0002	N.D.	U	0.0002			
Arsenic	N.D.		0.00068	0.0077		0.00068	0.0057		0.00068	0.0060		0.00068	0.0062		0.00068	0.0051		0.00068	0.0052		0.00068	0.0030		0.00068			
Manganese	7.9		0.0063	12	D50	0.032	9.8		0.0095	9.0	D5	0.0048	9.7		0.0095	9.3	^2	0.0048	5.7		0.0065	4.4	^2	0.00095			
Thallium	N.D.		0.0001	0.00043		0.00013	0.00043		0.00013	0.00045	J	0.00013	0.00045	J	0.00013	0.00045	J	0.00013	0.00037	J	0.00013	0.00032	J	0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-02																									
Sampling Date	3/23/2016			10/5/2016			10/26/2017			6/19/2018			10/24/2018			4/30/2019			10/24/2019			4/14/2020			10/14/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.	R	--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.	H	0.10
Hexachlorobutadiene	N.D.	R	--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.51
Octachlorostyrene	N.D.	R	--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.	H	2.0
Pentachlorobenzene	N.D.	R	--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.51
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00045	0.00042	J	0.00041	0.0027		0.0004	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041
Arsenic	0.118		--	0.168		--	0.0865		0.00072	0.101		0.00072	0.0724		0.00068	0.0833		0.00073	0.0665		0.00068	0.0794		0.00068	0.057		0.00068
Manganese	57.7		--	56.1		--	67.8		0.0452	63.5		0.244	61.4		0.0488	59.7		0.0288	65.3		0.0063	76.4		0.0063	70		0.0063
Thallium	0.00077		--	0.00091		--	0.00071		0.00012	0.00088		0.00012	0.00089		0.00011	0.00085		0.00016	0.00082		0.00013	0.00098		0.00013	0.00095		0.00013

Client ID	MW-02																									
Sampling Date	4/20/2021			10/15/2021			4/27/2022			10/26/2022			4/26/2023			10/25/2023			8/28/2024			10/31/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		0.11	N.D.		0.12	N.D.		0.1	N.D.		0.12	N.D.		0.00	N.D.		0.00	N.D.	U	0.12	N.D.		0.11			
Hexachlorobutadiene	N.D.		0.5	N.D.		0.57	N.D.		0.5	N.D.		0.54	N.D.		0.00051	N.D.		0.00052	N.D.	U	0.52	N.D.		0.51			
Octachlorostyrene	N.D.		2.0	N.D.		2.3	N.D.		2	N.D.		2.2	N.D.		0.002	N.D.		0.0021	N.D.	U	2.1	N.D.		2.1			
Pentachlorobenzene	N.D.		0.5	N.D.		0.57	N.D.		0.5	N.D.		0.54	N.D.		0.00051	N.D.		0.00052	N.D.	U	0.52	N.D.		0.51			
Metals (Method 6020) mg/L																										
Antimony	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.0002	0.00028	J	0.0002	N.D.		0.0002	N.D.	U	0.0002	N.D.		0.0002			
Arsenic	0.12		0.00068	0.15	D50	0.034	0.11	D50	0.034	0.11	D10	0.068	0.11	CN	0.0068	0.11		0.0068	0.0052		0.00068	0.120		0.00068			
Manganese	63		0.0063	65	2 D5	0.032	67	D50	0.048	69	2 D10	0.095	75	CN	0.095	76	^2	0.048	5.7		0.0065	82		0.0095			
Thallium	0.0010		0.00013	0.0010		0.00013	0.0011		0.00013	0.0011		0.00013	0.0012		0.00013	0.0010		0.00013	0.00037	J	0.00013	0.00130		0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.	Analyte was not detected.
N.S.	Monitoring well not sampled.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-03																									
Sampling Date	3/24/2016			10/5/2016			10/26/2017			6/19/2018			10/24/2018			4/30/2019			10/24/2019			4/14/2020			10/14/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.	R	--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.	H F1	0.10
Hexachlorobutadiene	N.D.	R	--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.50
Octachlorostyrene	N.D.	R	--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.	H	2.0
Pentachlorobenzene	N.D.	R	--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.50
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00045	0.00052	J	0.00041	0.00053	J	0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	0.00054	J	0.00041
Arsenic	0.00094	J	--	0.002		--	0.0036		0.00072	0.0226		0.00072	0.0021		0.00068	0.0033		0.00073	0.0019	J	0.00068	0.0013	J	0.00068	0.0011	J	0.00068
Manganese	30		--	29.8		--	35.7		0.0181	43.7		0.244	28.2		0.0244	29.6		0.0288	32.2		0.0063	31.1		0.0063	29		0.0032
Thallium	N.D.		--	N.D.		--	0.0003	J	0.00012	0.0011		0.00012	N.D.		0.00011	0.00016	J	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-03																									
Sampling Date	4/20/2021			10/15/2021			4/27/2022			10/26/2022			4/19/2023			11/1/2023			8/27/2024			10/31/2025				
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		0.12	N.D.		0.11	N.D.		0.1	N.D.		0.13	N.D.		0.00011			0.00011	N.D.	U	0.12	N.D.		0.11			
Hexachlorobutadiene	N.D.		0.54	N.D.		0.5	N.D.		0.5	N.D.		0.59	N.D.		0.00051			0.00052	N.D.	U	0.52	N.D.		0.51			
Octachlorostyrene	N.D.		2.2	N.D.		2	N.D.		2	N.D.		2.4	N.D.		0.0021			0.0021	N.D.	U	2.1	N.D.		2.1			
Pentachlorobenzene	N.D.		0.54	N.D.		0.5	N.D.		0.5	N.D.		0.59	N.D.		0.00051			0.00052	N.D.	U	0.52	N.D.		0.51			
Metals (Method 6020) mg/L																										
Antimony	0.00078	J	0.00041	N.D.		0.00041	ND		0.00041	N.D.		0.0002	N.D.		0.0002	N.D.		0.002	N.D.	U	0.002	0.0002	J	0.0095			
Arsenic	0.019		0.00068	0.00093	J	0.00068	0.0013		0.00068	0.0012	J	0.00068	0.0011	J	0.00068	N.D.		0.0068	N.D.	U	0.0068	N.D.	U	0.51			
Manganese	46		0.0063	27	D50	0.032	29	D50	0.048	29	2 D5	0.032	26	^2	0.0095	29	^2	0.0095	26		0.0095	27		0.0095			
Thallium	0.00059		0.00013	N.D.		0.00013	ND		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.0013	N.D.	U	0.0013	N.D.	U	0.51			

Notes:
1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-04									MW-04R															
Sampling Date	3/24/2016			10/5/2016			10/26/2017			6/20/2018			10/24/2018			5/1/2019			10/25/2019			4/14/2020			10/14/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.	R	--	N.D.		--	N.S.			N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.	R	--	N.D.	UJ	--	N.S.			N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Octachlorostyrene	N.D.	R	--	N.D.		--	N.S.			N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.1
Pentachlorobenzene	N.D.	R	--	N.D.		--	N.S.			N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Metals (Method 6020) mg/L																											
Antimony	N.D.		--	N.D.		--	N.S.			N.D.		0.00041	0.00065	J	0.00041	0.00072	J	0.0004	N.D.	K1	0.00041	0.0006	J	0.00041	0.0012		0.00041
Arsenic	N.D.		--	N.D.		--	N.S.			0.0176		0.00068	0.0038		0.00068	0.0056		0.00073	0.0038		0.00068	0.0068		0.00068	0.0014	J	0.00068
Manganese	4.72		--	2.86		--	N.S.			8.3		0.0488	8.39		0.0049	5.96		0.0029	8.92		0.0063	9.79		0.0063	10		0.0063
Thallium	N.D.		--	N.D.		--	N.S.			N.D.		0.00011	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-04R																							
Sampling Date	4/20/2021			10/21/2021			4/27/2022			10/26/2022			4/18/2023			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																								
Hexachlorobenzene	N.D.		0.11	N.D.		0.11	N.D.		0.1	N.D.		0.13	ND		0.00013			0.00011	N.D.	U	0.12	N.D.		0.11
Hexachlorobutadiene	N.D.		0.51	N.D.		0.52	N.D.		0.5	N.D.		0.59	ND		0.00059			0.00051	N.D.	U	0.52	N.D.		0.51
Octachlorostyrene	N.D.		2	N.D.		2.1	N.D.		2	N.D.		2.4	ND		0.0024			0.002	N.D.	U	2.1	N.D.		2.1
Pentachlorobenzene	N.D.		0.51	N.D.		0.52	N.D.		0.5	N.D.		0.59	ND		0.00059			0.00051	N.D.	U	0.52	N.D.		0.51
Metals (Method 6020) mg/L																								
Antimony	0.0007	J	0.00041	0.0020		0.00041	0.0013		0.00020	0.00020	J	0.0002	0.00021	J	0.0002	ND		0.0002	N.D.	U	0.0002	0.00078	J	0.0002
Arsenic	0.025		0.00068	0.0018	J	0.00068	0.0027		0.00068	0.00098	J	0.00068	0.002		0.00068	0.0011	J	0.00068	0.00076	J	0.00068	0.0013	J	0.00068
Manganese	44		0.0063	13	D50	0.032	16	D50	0.048	11	2 D5	0.0095	13	^2	0.0095	11	^2	0.0095	11		0.0095	10		0.0095
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.	U	0.00013	N.D.		0.00013	ND		0.00013	N.D.	U	0.00013	N.D.	U	1.00013

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-05									MW-05R															
Sampling Date	3/24/2016			10/5/2016			10/26/2017			6/20/2018			10/24/2018			5/1/2019			10/25/2019			4/14/2020			10/14/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.	R	--	N.D.	R	--	N.S.			N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.	H	0.10
Hexachlorobutadiene	N.D.	R	--	N.D.	R	--	N.S.			N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.52
Octachlorostyrene	N.D.	R	--	N.D.	R	--	N.S.			N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.	H	2.1
Pentachlorobenzene	N.D.	R	--	N.D.	R	--	N.S.			N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.	H	0.52
Metals (Method 6020) mg/L																											
Antimony	N.D.		--	N.D.		--	N.S.			N.D.		0.00041	N.D.		0.00041	0.00064	J	0.0004	0.00068	J	0.00041	0.00097	J	0.00041	0.0023		0.00041
Arsenic	N.D.		--	0.00067	J	--	N.S.			0.0034		0.00068	0.0047		0.00068	0.0074		0.00073	0.0018	J	0.00068	0.0035	J	0.00068	0.021		0.00068
Manganese	28.8		--	29.5		--	N.S.			14.5		0.0976	17.3		0.0244	18.2		0.0029	27.8		0.0063	28.7		0.0063	19		0.0032
Thallium	N.D.		--	N.D.		--	N.S.			N.D.		0.00011	N.D.		0.00011	0.00025	J	0.00016	N.D.		0.00013	N.D.		0.00013	0.00054		0.00050

Client ID	MW-05R																							
Sampling Date	4/20/2021			10/21/2021			4/27/2022			10/26/2022			4/18/2023			11/2/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																								
Hexachlorobenzene	N.D.	F2 F1	0.11	N.D.	U F1	0.11	N.D.		0.12	N.D.		0.13	N.D.		0.00011	N.D.		0.00012	N.D.	U	0.12	N.D.		0.11
Hexachlorobutadiene	N.D.	F2 F1	0.5	N.D.		0.51	N.D.		0.55	N.D.		0.59	N.D.		0.0005	N.D.		0.00054	N.D.	U	0.52	N.D.		0.51
Octachlorostyrene	N.D.	F1	2.0	N.D.		2	N.D.		2.2	N.D.		2.3	N.D.		0.002	N.D.		0.0021	N.D.	U	2.1	N.D.		2.1
Pentachlorobenzene	N.D.		0.5	N.D.		0.51	N.D.		0.55	N.D.		0.59	N.D.		0.0005	N.D.		0.00054	N.D.	U	0.52	N.D.		0.51
Metals (Method 6020) mg/L																								
Antimony	N.D.		0.00041	N.D.		0.00041	0.00028		0.0002	N.D.		0.0002	N.D.		0.0002	N.D.		0.002	0.00034	J	0.0002	0.0015		0.0002
Arsenic	0.0014	J	0.00068	N.D.		0.00068	0.00077		0.0006	N.D.		0.00068	0.00074	J	0.00068	N.D.		0.0068	0.0076	J	0.00068	N.D.	U	0.00013
Manganese	25		0.0063	29	D50	0.032	32	D50	0.10	27	2 D5	0.0095	31	^2	0.0095	31	^2	0.0095	31		0.0065	25		0.0095
Thallium	N.D.		0.00013	N.D.		0.00013	ND		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.0013	N.D.	U	0.00013	N.D.	U	0.00013

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

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Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-06																									
Sampling Date	3/24/2016			10/6/2016			10/27/2017			6/19/2018			10/25/2018			5/1/2019			10/24/2019			4/15/2020			10/16/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.		--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.50
Octachlorostyrene	N.D.		--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.0
Pentachlorobenzene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.50
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.00045	N.D.		0.00041	0.0004	U	0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	N.D.		0.00041
Arsenic	N.D.		--	N.D.		--	0.0041		0.5	N.D.		0.00072	0.002		0.00068	0.00073	U	0.00073	N.D.		0.00068	0.001	J	0.00068	0.0008	J	0.00068
Manganese	0.175		--	0.173		--	0.303		2	0.187		0.0009	0.231		0.0049	0.167		0.0029	0.216		0.0063	0.257		0.0063	0.23		0.00063
Thallium	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.00012	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-06																									
Sampling Date	4/20/2021			10/15/2021			4/28/2022			10/25/2022			4/18/2023			11/1/2023			8/27/2024			10/31/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		0.12	N.D.		0.12	N.D.		0.1	N.D		0.14	N.D		0.00012	N.D		0.00011	N.D.	U	0.12	N.D.		0.11			
Hexachlorobutadiene	N.D.		0.56	N.D.		0.56	N.D.		0.5	N.D		0.62	N.D		0.0005	N.D		0.00052	N.D.	U	0.53	N.D.		0.51			
Octachlorostyrene	N.D.		2.2	N.D.		2.2	N.D.		2	N.D		2.5	N.D		0.0021	N.D		0.0021	N.D.	U	2.1	N.D.		2.1			
Pentachlorobenzene	N.D.		0.56	N.D.		0.56	N.D.		0.5	N.D		0.62	N.D		0.00053	N.D		0.00052	N.D.	U	0.53	N.D.		0.51			
Metals (Method 6020) mg/L																										
Antimony	N.D.		0.00041	N.D.		0.00041	N.D.		0.0002	0.00073	J	0.00020	0.00046	J	0.00020	N.D.		0.00020	N.D.	U	0.0002	0.00088	J	1.00095			
Arsenic	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	0.0016	J	0.00068	0.00083	J	0.00068	N.D.		0.00068	N.D.	U	0.00068	N.D.	U	0.00068			
Manganese	0.18	^2	0.00063	0.20	B	0.00063	0.22	^2	0.00095	0.25		0.00095	0.24		0.00095	0.2		0.00095	0.21	^2	0.00095	0.087	^2	1.00095			
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.	U	0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

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Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-07																										
Sampling Date	3/25/2016			10/6/2016			10/27/2017			6/19/2018			10/25/2018			5/1/2019			10/24/2019			4/15/2020			10/16/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.		--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.52
Octachlorostyrene	N.D.		--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.1
Pentachlorobenzene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.52
Metals (Method 6020) mg/L																											
Antimony	N.D.		--	N.D.		--	0.00045		0.00045	N.D.		0.00045	N.D.		0.00041	0.0044		0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	N.D.		0.00041
Arsenic	N.D.		--	N.D.		--	N.D.		0.00072	0.0016	J	0.00072	0.0019	J	0.00068	0.00073	U	0.00073	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068
Manganese	0.0868		--	0.0925		--	0.0821		0.0009	0.194		0.0009	0.178		0.0049	0.0998		0.0029	0.0961		0.0063	0.112		0.0063	0.095		0.00063
Thallium	N.D.		--	N.D.		--	N.D.		0.00012	N.D.		0.00012	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-07																										
Sampling Date	4/20/2021			10/15/2021			4/28/2022			10/16/2021			4/18/2023			11/1/2023			8/27/2024			10/31/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.		0.12	N.D.		0.12	N.D.		0.1	N.D.		0.14	ND		0.00	ND		0.00	N.D.	U	0.12	N.D.		0.11			
Hexachlorobutadiene	N.D.		0.53	N.D.		0.56	N.D.		0.5	N.D.		0.62	ND		0.00051	ND		0.00054	N.D.	U	0.52	N.D.		0.51			
Octachlorostyrene	N.D.		2.1	N.D.		2.2	N.D.		2	N.D.		2.5	ND		0.0021	ND		0.0022	N.D.	U	2.1	N.D.		2.1			
Pentachlorobenzene	N.D.		0.53	N.D.		0.56	N.D.		0.5	N.D.		0.62	ND		0.00051	ND		0.00054	N.D.	U	0.52	N.D.		0.51			
Metals (Method 6020) mg/L																											
Antimony	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	0.00082	J	0.0002	N.D.		0.0002	N.D.		0.0002	0.00025		0.0002	0.00025		0.0002			
Arsenic	N.D.		0.00068	0.00095	J	0.00068	N.D.		0.00068	N.D.	U	0.00068	N.D.		0.00068	N.D.		0.00068	N.D.	U	0.00068	N.D.	U	0.00068			
Manganese	0.095		0.00063	0.14	B	0.00063	0.10		0.00095	0.084	^2 D5(	0.00095	0.1		0.00095	0.099		0.00095	0.09		0.00095	0.21		0.00095			
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.		0.00013	N.D.		0.00013	0.00016		0.00013	0.00014		0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-08																									
Sampling Date	3/25/2016			10/12/2016			10/27/2017			6/20/2018			10/25/2018			5/1/2019			10/25/2019			4/15/2020			10/16/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.52
Octachlorostyrene	N.D.		--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.1
Pentachlorobenzene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.52
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00041	N.D.		0.00041	0.00082	J	0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	N.D.		0.00041
Arsenic	N.D.		--	N.D.		--	N.D.		0.00072	0.0015	J	0.00068	N.D.		0.00068	0.00073	U	0.00073	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068
Manganese	0.183		--	0.184	J	--	0.181		0.0009	0.233		0.0049	0.211		0.0049	0.217		0.0029	0.208		0.0063	0.239		0.0063	0.22		0.00063
Thallium	N.D.		--	N.D.		--	N.D.		0.00012	N.D.		0.00011	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-08																									
Sampling Date	4/20/2021			10/14/2021			4/28/2022			10/27/2022			4/18/2023			11/2/2023			8/28/2024			11/4/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		0.12	N.D.		0.12	N.D.		0.1	N.D.		0.13	N.D.		0.00013	N.D.		0.00012	N.D.		0.11	N.D.		0.11000			
Hexachlorobutadiene	N.D.		0.53	N.D.		0.53	N.D.		0.5	N.D.		0.59	N.D.		0.0006	N.D.		0.00053	N.D.		0.52	N.D.		0.51			
Octachlorostyrene	N.D.		2.1	N.D.		2.1	N.D.		2	N.D.		2.3	N.D.		0.0024	N.D.		0.0021	N.D.		2.1	N.D.		2			
Pentachlorobenzene	N.D.		0.53	N.D.		0.53	N.D.		0.5	N.D.		0.59	N.D.		0.0006	N.D.		0.00053	N.D.		0.52	N.D.		0.51			
Metals (Method 6020) mg/L																										
Antimony	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.0002	N.D.		0.0002	N.D.		0.0002	N.D.	U	0.0002	N.D.	U	0.0002			
Arsenic	N.D.		0.00068	N.D.		0.00068	0.0039		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.	U	0.00068	N.D.	U	0.00068			
Manganese	0.24		0.00063	0.23		0.00063	0.32		0.00095	0.24	B	0.00095	0.26		0.00095	0.25	^2	0.00095	0.27		0.00095	0.31		0.00095			
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	0.00016	J	0.00013	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.	U	0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-09R																										
Sampling Date	3/25/2016			10/12/2016			10/26/2017			6/20/2018			10/24/2018			5/1/2019			10/25/2019			4/15/2020			10/16/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Octachlorostyrene	N.D.		--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.1
Pentachlorobenzene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Metals (Method 6020) mg/L																											
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00041	0.00042	J	0.00041	0.003		0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	0.00059	J	0.00041
Arsenic	N.D.		--	N.D.		--	N.D.		0.00072	N.D.		0.00068	0.002	J	0.00068	0.001	J	0.00073	0.0011	J	0.00068	N.D		0.00068	0.002		0.00068
Manganese	0.0873		--	0.126	J	--	0.216		0.0009	0.0748		0.0049	0.213		0.0049	0.133		0.0029	0.185		0.0063	0.239		0.0063	0.26		0.00063
Thallium	N.D.		--	N.D.		--	N.D.		0.00012	N.D.		0.00011	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-09R																										
Sampling Date	4/20/2021			10/15/2021			4/27/2022			10/27/2022			4/18/2023			11/2/2023			8/28/2024			11/4/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.		0.11	N.D.		0.15	N.D.		0.1	N.D.		0.12	N.D.	CN	0.00	N.D.		0.00	N.D.		0.11	N.D.		0.11000			
Hexachlorobutadiene	N.D.		0.51	N.D.		0.7	N.D.		0.5	N.D.		0.55	N.D.	CN	0.00051	N.D.		0.00056	N.D.		0.53	N.D.		0.51			
Octachlorostyrene	N.D.		2	N.D.		2.8	N.D.		2	N.D.		2.2	N.D.	F1 CN	0.002	N.D.		0.0022	N.D.		2.1	N.D.		2			
Pentachlorobenzene	N.D.		0.51	N.D.		0.7	N.D.		0.5	N.D.		0.55	N.D.	CN	0.00051	N.D.		0.00056	N.D.		0.53	N.D.		0.51			
Metals (Method 6020) mg/L																											
Antimony	0.00068	J	0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.00020	0.00073	J	0.00020	N.D.		0.00020	0.00052	J	0.00020	N.D.		0.00020			
Arsenic	0.0039		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	0.0026		0.00068	0.0013	J	0.00068	0.0021		0.00068	N.D.		0.00068			
Manganese	0.27		0.00063	0.25		0.00063	0.14		0.0020	0.23	^2 D5(	0.00095	0.25		0.00095	0.14	^2	0.00095	0.26		0.00095	0.20	^2	0.00095			
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.		0.00013			

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-10																									
Sampling Date	3/23/2016			10/6/2016			10/27/2017			6/20/2018			10/25/2018			4/30/2019			10/25/2019			4/15/2020			10/16/2020		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																										
Hexachlorobenzene	N.D.		--	N.D.		--	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.10
Hexachlorobutadiene	N.D.	UJ	--	N.D.	UJ	--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Octachlorostyrene	N.D.		--	N.D.		--	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.0
Pentachlorobenzene	N.D.		--	N.D.		--	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.51
Metals (Method 6020) mg/L																										
Antimony	N.D.		--	N.D.		--	N.D.		0.00045	N.D.		0.00041	N.D.		0.00041	0.0004	U	0.0004	N.D.	K1	0.00041	N.D.	K1	0.00041	0.00052	J	0.00041
Arsenic	N.D.		--	N.D.		--	N.D.		0.00072	N.D.		0.00068	N.D.		0.00068	0.0014	J	0.00073	N.D.		0.00068	N.D.		0.00068	0.0012	J	0.00068
Manganese	0.278		--	0.231		--	0.0668		0.0009	0.131		0.0049	0.0804		0.0049	0.141		0.0029	0.0372		0.0063	0.0448		0.0063	0.33		0.00063
Thallium	N.D.		--	N.D.		--	N.D.		0.00012	N.D.		0.00011	N.D.		0.00011	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	MW-10																							
Sampling Date	4/20/2021			10/21/2021			4/28/2022			10/25/2022			4/18/2023			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																								
Hexachlorobenzene	N.D.		0.11	N.D.		0.11	N.D.		0.1	N.D.		0.12	N.D.		0.00011	N.D.		0.00012	N.D.	U	0.11	N.D.	U F2	0.00012
Hexachlorobutadiene	N.D.		0.51	N.D.		0.51	N.D.		0.5	N.D.		0.56	N.D.		0.0005	N.D.		0.00054	N.D.	U	0.51	N.D.	U F3	0.00051
Octachlorostyrene	N.D.		2.0	N.D.		2.1	N.D.		2	N.D.		2.3	N.D.		0.002	N.D.		0.0022	N.D.	U	2.1	N.D.	U F4	2.1
Pentachlorobenzene	N.D.		0.51	N.D.		0.51	N.D.		0.5	N.D.		0.56	N.D.		0.0005	N.D.		0.00054	N.D.	U	0.51	N.D.	U F5	0.51
Metals (Method 6020) mg/L																								
Antimony	N.D.		0.00042	N.D.		0.00041	N.D.		0.00020	N.D.		0.00041	N.D.		0.0002	N.D.		0.0002	N.D.	U	0.0002	N.D.	U cn	0.0002
Arsenic	0.00092	J	0.00070	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.	U	0.00068	N.D.	U cn	0.00068
Manganese	0.19		0.00065	0.05	^2	0.00063	0.070		0.00095	0.065		0.00095	0.040		0.00095	0.180	^2	0.00095	0.058		0.00095	0.180	cn	0.00095
Thallium	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.	U	0.00013	N.D.	U cn	0.00013

Notes:

1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms per liter.
12. mg/L - milligrams per liter.
13. D50 = Original sample diluted by a factor of 50.
14. F2 = MS/MSD RPD exceeds control limits
15. cn = Refer to Case Narrative for further detail

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B
2016-2025 Summary of SVOCs and Metals
Groundwater Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	Equipment Blank																										
Sampling Date	10/25/2019			5/1/2019			10/25/2019			4/14/2020			4/15/2020			10/14/2020			4/20/2021			10/15/2021			4/28/2022		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L																											
Hexachlorobenzene	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.1	N.D.		0.12	N.D.		0.11	N.D.		0.13	N.D.		0.11
Hexachlorobutadiene	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.58	N.D.		0.52	N.D.		0.58	N.D.		0.52
Octachlorostyrene	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2	N.D.		2.1	N.D.		2.3	N.D.		2.1
Pentachlorobenzene	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.5	N.D.		0.58	N.D.		0.52	N.D.		0.58	N.D.		0.52
Metals (Method 6020) mg/L																											
Antimony	N.D.	K1	0.00041	0.00046	J	0.0004	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.00041	N.D.		0.00020
Arsenic	N.D.		0.00068	0.00073	U	0.00073	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068	N.D.		0.00068
Manganese	0.0372		0.0063	0.0029	U	0.0029	N.D.	K1 K2	0.0063	0.0873		0.0063	0.0034		0.0063	N.D.		0.00063	0.003		0.00063	N.D.		0.00063	0.00095	J	0.00095
Thallium	N.D.		0.00013	0.00016	U	0.00016	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013	N.D.		0.00013

Client ID	Equipment Blank								
Sampling Date	10/27/2022			8/28/2024			11/4/2025		
Matrix	Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SVOCs (Method 8270C) ug/L									
Hexachlorobenzene	N.D.		0.11	N.D.	U	0.13	N.D.	U	0.12000
Hexachlorobutadiene	N.D.		0.52	N.D.	U	0.6	N.D.	U	0.53
Octachlorostyrene	N.D.		2.1	N.D.	U	2.4	N.D.	U	2.1
Pentachlorobenzene	N.D.		0.52	N.D.	U	0.6	N.D.	U	0.53
Metals (Method 6020) mg/L									
Antimony	N.D.		0.00020	N.D.	U	0.0002	N.D.	U	0.0002
Arsenic	N.D.		0.00068	N.D.	U	0.00068	N.D.	U	0.00068
Manganese	0.0021		0.00095	N.D.	U	0.00095	N.D.	U	0.00095
Thallium	N.D.		0.00013	N.D.	U	0.00013	N.D.	U	0.00013

Notes:
1. N.D. = Not detected in sample.
2. U = Not detected.
3. N.S. = Analyte not sampled for.
4. -- = Not applicable.
5. J = Result is less than the RL but greater than or equal to the MDL aN.D. the concentration is an approximate value.
6. ^2 = Calibration blank is outside acceptance limits.
7. R = Relative Percent Recovery < data level rejection, reported result is unusable.
8. K1 = Initial Calibration Blank is above the QC limit aN.D. the sample result is N.D..
9. K2 = Continuing Calibration Blank is above the QC limit aN.D. the sample result is N.D..
10. pg/L = picograms per liter.
11. ug/L = micrograms p Analyte was not detected.
12. mg/L - milligrams pe Monitoring well not sampled.
13. D50 = Original sample diluted by a factor of 50.

N.D.
N.S.

This table is being prepared as part of the "Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (April 2024) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01																														
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	368.3	-	-	57.4	-	-	N.D.	-	-	N.D.	-	-	47.0	-	-	47.0	-	-	N.D.	-	-	181.0	-	-	N.D.	-	-	N.D.	-	-
PCB-1	N.D.	UX	3.38	N.D.		9.76	N.D.		48.1	N.D.		48.6	N.D.		49	N.D.		49	N.D.		21	N.D.		17	N.D.	U	39	N.D.	U	38
PCB-2	N.D.	UX	3.38	N.D.		6.83	N.D.		70.5	N.D.		71.2	N.D.		72	N.D.		72	N.D.		19	N.D.		15	N.D.	U	20	N.D.	U	29
PCB-3	N.D.	UX	3.84	N.D.		10.7	N.D.		39.6	N.D.		40	N.D.		40	N.D.		40	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	29
PCB-4	N.D.	UX	8.78	N.D.		12.7	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		26	N.D.		21	N.D.	U	28	N.D.	U	28
PCB-5	N.D.	UX	7.87	N.D.		7.8	N.D.		7.46	N.D.		7.53	N.D.		7.6	N.D.		7.6	N.D.		23	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-6	N.D.	UX	8.07	N.D.		6.83	N.D.		13.3	N.D.		13.5	N.D.		14	N.D.		14	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-7	N.D.	UX	7.54	N.D.		7.8	N.D.		7.89	N.D.		7.96	N.D.		8	N.D.		8	N.D.		19	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-8	N.D.	UX	8.02	N.D.		14.6	N.D.		10	N.D.		10.1	N.D.		10	N.D.		10	N.D.		19	N.D.		15	N.D.	U	28	N.D.	U	28
PCB-9	N.D.	UX	8.59	N.D.		6.83	N.D.		8.35	N.D.		8.43	N.D.		8.5	N.D.		8.5	N.D.		20	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-10	N.D.	UX	5.85	N.D.		12.7	N.D.		5.15	N.D.		5.2	N.D.		5.2	N.D.		5.3	N.D.		26	N.D.		21	N.D.	U	20	N.D.	U	19
PCB-11	21.3	X	N.V.P	N.D.		33.2	N.D.		130	N.D.		131	N.D.		130	N.D.		130	N.D.		130	N.D.		100	N.D.	U	59	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	8.08	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	40	N.D.	$C_{12/13}$	33	N.D.	U	20	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	8.08	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	40	N.D.	$C_{12/13}$	33	N.D.	U	20	N.D.	U	19
PCB-14	N.D.	UX	7.02	N.D.		7.8	N.D.		1.9	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		23	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-15	N.D.	UX	9.18	N.D.		15.6	N.D.		8.09	N.D.		8.16	N.D.		8.2	N.D.		8.2	N.D.		23	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-16	N.D.	UX	10.7	N.D.		8.78	N.D.		1.9	N.D.		5.12	N.D.		5.1	N.D.		5.2	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19
PCB-17	N.D.	UX	7.2	N.D.		8.78	N.D.		5.84	N.D.		5.89	N.D.		5.9	N.D.		6	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-18	N.D.	$UXC_{18/30}$	6.14	N.D.	$C_{18/30}$	15.6	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	28	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	38
PCB-19	N.D.	UX	8.12	N.D.		7.8	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		13	N.D.		11	N.D.	U	24	N.D.	U	23
PCB-20	N.D.	$UXC_{20/28}$	4.93	N.D.	$C_{20/28}$	21.5	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.7	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	33	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-21	N.D.	$UXC_{21/33}$	4.82	N.D.	$C_{21/33}$	20.5	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.62	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	34	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	38
PCB-22	N.D.	UX	5.17	N.D.		8.78	N.D.		5.65	N.D.		5.7	N.D.		5.7	N.D.		5.8	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19
PCB-23	N.D.	UX	4.86	N.D.		6.83	N.D.		4.8	N.D.		4.85	N.D.		4.9	N.D.		4.9	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-24	N.D.	UX	5.24	N.D.		9.76	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		20	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-25	N.D.	UX	4.8	N.D.		7.8	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		15	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	4.86	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	42	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	38
PCB-27	N.D.	UX	5.3	N.D.		7.8	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-28	N.D.	$UXC_{20/28}$	4.93	N.D.	$C_{20/28}$	21.5	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.7	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	33	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-29	N.D.	$UXC_{26/29}$	4.86	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	42	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	38
PCB-30	N.D.	$UXC_{18/30}$	6.14	N.D.	$C_{18/30}$	15.6	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	28	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	38
PCB-31	N.D.	UX	4.72	N.D.		17.6	N.D.		11.1	N.D.		11.3	N.D.		11	N.D.		11	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	40
PCB-32	N.D.	UX	5.08	N.D.		7.8	N.D.		4.83	N.D.		4.88	N.D.		4.9	N.D.		4.9	N.D.		9.4	N.D.		7.7	N.D.	U	20	N.D.	U	19
PCB-33	N.D.	$UXC_{21/33}$	4.82	N.D.	$C_{21/33}$	20.5	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.62	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	34	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	38
PCB-34	N.D.	UX	5.05	N.D.		6.83	N.D.		5.55	N.D.		5.61	N.D.		5.6	N.D.		5.7	N.D.		20	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-35	N.D.	UX	5.3	N.D.		8.78	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		22	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-36	N.D.	UX	4.66	N.D.		7.8	N.D.		6.82	N.D.		6.88	N.D.		6.9	N.D.		7	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19
PCB-37	N.D.	UX	6.11	N.D.		9.76	N.D.		5.49	N.D.		5.54	N.D.		5.6	N.D.		5.6	N.D.		9.4	N.D.		7.7	N.D.	U	20	N.D.	U	24
PCB-38	N.D.	UX	5.12	N.D.		6.83	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		4.9	N.D.		20	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-39	N.D.	UX	4.65	N.D.		7.8	N.D.		5.9	N.D.		5.96	N.D.		6	N.D.		6	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-40	N.D.	$UXC_{40/71}$	4.07	N.D.	$C_{40/71}$	41	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.3	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	15	N.D.	U	39	N.D.	U	38
PCB-41	N.D.	UX	4.34	N.D.		41	N.D.		12.6	N.D.		12.7	N.D.		13	N.D.		13	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-42	N.D.	UX	4.35	N.D.		15.6	N.D.		13.5	N.D.		13.7	N.D.		14	N.D.		14	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-43	N.D.	UX	6.18	N.D.		13.7	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		9.7	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-44	24.7	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	28	N.D.	$C_{44/47/65}$	23	N.D.	U	39	N.D.	U	64
PCB-45	N.D.	UX	3.44	N.D.		21.5	N.D.		11	N.D.		11.2	N.D.		11	N.D.		11	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-46	N.D.	UX	4.84	N.D.		9.76	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		9.7	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-47	24.7	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	28	N.D.	$C_{44/47/65}$	23	N.D.	U	39	N.D.	U	64
PCB-48	N.D.	UX	3.96	N.D.		13.7	N.D.		12	N.D.		12.1	N.D.		12	N.D.		12	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19
PCB-49	N.D.	$UXC_{49/69}$	3.37	N.D.	$C_{49/69}$	25.4	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	21	N.D.	$C_{49/69}$	17	N.D.	U	39	N.D.	U	38
PCB-50	N.D.	$UXC_{50/53}$	3.96	N.D.	$C_{50/53}$	24.4	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	87	N.D.	U	39	N.D.	U	38
PCB-51	43.1	X	N.V.P	N.D.		21.5	N.D.		30.1	N.D.		30.4	N.D.		31	N.D.		31	N.D.		15	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-52	6.16	JX	N.V.P	N.D.		14.6	N.D.		20.1	N.D.		20.3	N.D.		20	N.D.		20	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	63
PCB-53	N.D.	$UXC_{50/53}$	3.96	N.D.	$C_{50/53}$	24.4	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	87	N.D.	U	39	N.D.	U	38
PCB-54	N.D.	UX	4.14	N.D.		13.7	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		9.7	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-55	N.D.	UX	3.37	N.D.		11.7	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		12	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-56	N.D.	UX	3.41	N.D.		14.6	N.D.		10.3	N.D.		10.4	N.D.		10	N.D.		10	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19
PCB-57	N.D.	UX	3.3	N.D.		10.7	N.D.		13	N.D.		13.2	N.D.		13	N.D.		13	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-58	N.D.	UX	2.31	N.D.		13.7	N.D.		12.4	N.D.		12.5	N.D.		13	N.D.		13	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-59	N.D.	JXC$_{59/62/7}$	2.94	N.D.	$C_{59/62/75}$	36.1	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	29	N.D.	$C_{59/62/75}$	24	N.D.	U	59	N.D.	U	57
PCB-60	N.D.	UX	3.32	N.D.		13.7	N.D.		12	N.D.		12.1	N.D.		12	N.D.		12	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19
PCB-61	7.66	XC$_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/76}$	57.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	35	N.D.	$C_{61/70/74/76}$	29	N.D.	U	78	N.D.	U	76
PCB-62	N.D.	JXC$_{59/62/7}$	2.94	N.D.	$C_{59/62/75}$	36.1	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	29	N.D.	$C_{59/62/75}$	24	N.D.	U	59	N.D.	U	57
PCB-63	N.D.	UX	2.93	N.D.		11.7	N.D.		12.3	N.D.		12.4	N.D.		12	N.D.		13	N.D.		15	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-64	N.D.	UX	2.78	N.D.		12.7	N.D.		10.5	N.D.		10.6	N.D.		11	N.D.		11	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19
PCB-65	24.7	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	28	N.D.	$C_{44/47/65}$	23	N.D.	U	39	N.D.	U	64
PCB-66	N.D.	UX	3.28	N.D.		16.6	N.D.		10.5	N.D.		10.6	N.D.		11	N.D.		11	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-67	N.D.	UX	3.13	N.D.		11.7	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		12	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-68	N.D.	UX	2.95	N.D.		13.7	N.D.		14.6	N.D.		14.7	N.D.		15	N.D.		15	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19
PCB-69	N.D.	$UXC_{49/69}$	3.37	N.D.	$C_{49/69}$	25.4	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	21	N.D.	$C_{49/69}$	21	N.D.	U	39	N.D.	U	38
PCB-70	7.66	XC$_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/76}$	57.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	35	N.D.	$C_{61/70/74/76}$	29	N.D.	U	78	N.D.	U	76
PCB-71	N.D.	$UXC_{40/71}$	4.07	N.D.	$C_{40/71}$	41	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.3	N.+N6: O61D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	15	N.D.	U	39	N.D.	U	38
PCB-72	N.D.	UX	3.2	N.D.		12.7	N.D.		15	N.D.		15.1	N.D.		15	N.D.		15	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19
PCB-73	N.D.	UX	2.7	N.D.		13.7	N.D.		19.8	N.D.		20	N.D.		20	N.D.		20	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-74	7.66	XC$_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/76}$	57.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	35	N.D.	$C_{61/70/74/76}$	29	N.D.	U	78	N.D.	U	76
PCB-75	N.D.	JXC$_{59/62/7}$	2.94	N.D.	$C_{59/62/75}$	36.1	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	29	N.D.	$C_{59/62/75}$	24	N.D.	U	59	N.D.	U	57
PCB-76	7.66	XC$_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/76}$	57.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	35	N.D.	$C_{61/70/74/76}$	29	N.D.	U	78	N.D.	U	76
PCB-77	N.D.	UX	3.55	N.D.		13.7	N.D.		10	N.D.		10.1	N.D.		10	N.D.		10	N.D.		22	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-78	N.D.	UX	3.56	N.D.		15.6	N.D.		13.4	N.D.		13.6	N.D.		14	N.D.		14	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-79	N.D.	UX	3	N.D.		12.7	N.D.		13.5	N.D.		13.7	N.D.		14	N.D.		14	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19
PCB-80	N.D.	UX	2.88	N.D.		10.7	N.D.		15.8	N.D.		16	N.D.		16	N.D.		16	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19
PCB-81	N.D.	UX	3.75	N.D.		17.6	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		9.7	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19
PCB-82	N.D.	UX	2.65	N.D.		14.6	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		12	N.D.		15	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-83	N.D.	UX	2.38	N.D.		28.3	N.D.		12	N.D.		12.1	N.D.		12	N.D.		12	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-84	5.15	JX	N.V.P.	N.D.		10.7	N.D.		11.3	N.D.		11.4	N.D.		12	N.D.		12	N.D.		29	N.D.		24	N.D.	U	20	N.D.	U	19
PCB-85	N.D.	$UXC_{85/116}$	2.23	N.D.	$C_{85/116/117}$	37.1	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	65.4	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	40	N.D.	$C_{85/116/117}$	33	N.D.	U	59	N.D.	U	57
PCB-86	7.2	86/87/97/108/1	N.V.P	N.D.	/87/97/109/11	72.2	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	123	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	180	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-87	7.2	86/87/97/108/1	N.V.P	N.D.	/87/97/109/11	72.2	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	123	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	180	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-88	N.D.	UX	2.11	N.D.		21.5	N.D.		14.2	N.D.		14.3	N.D.		14	N.D.		14	N.D.		20	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-89	N.D.	UX	2.45	N.D.		12.7	N.D.		14.2	N.D.		14.3	N.D.		14	N.D.		14	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-90	9.02	$BEC_{90/101/}$	N.V.P.	N.D.	$C_{90/101/113}$	45.9	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39.7	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	47	N.D.	$C_{90/101/113}$	38	N.D.	U	59	N.D.	U	57
PCB-91	N.D.	UX	2.3	N.D.		21.5	N.D.		11.3	N.D.		11.4	N.D.		12	N.D.		12	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-92	N.D.	UX	2.34	N.D.		12.7	N.D.		14.9	N.D.		15	N.D.		15	N.D.		15	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-93	N.D.	$UXC_{93/100}$	2.09	N.D.	$C_{93/100}$	75.1	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29.6	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	29	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-94	N.D.	UX	2.44	N.D.		12.7	N.D.		13.2	N.D.		13.4	N.D.		13	N.D.		13	N.D.		15	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-95	9.64	JBXE	N.V.P.	N.D.		75.1	N.D.		14.7	N.D.		14.8	47	J I B	15	47		15	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-96	N.D.	UX	1.84	N.D.		14.6	N.D.		12.3	N.D.		12.4	N.D.		12	N.D.		13	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-97	7.2	86/87/97/108/1	N.V.P	N.D.	/87/97/109/11	72.2	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	123	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	180	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-98	N.D.	UX	3.2	N.D.	$C_{98/102}$	75.1	N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	39.7	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	34	N.D.	$C_{98/102}$	28	N.D.	U	39	N.D.	U	38
PCB-99	2.94	JXE	N.V.P.	N.D.		28.3	N.D.		13.9	N.D.		14	N.D.		14	N.D.		14	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-100	N.D.	$UXC_{93/100}$	2.09	N.D.	$C_{93/100}$	75.1	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29.6	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	29	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-101	9.02	$BEC_{90/101/}$	N.V.P.	N.D.	$C_{90/101/113}$	45.9	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39.7	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	47	N.D.	$C_{90/101/113}$	38	N.D.	U	59	N.D.	U	57
PCB-102

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01																														
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
PCB-155	N.D.	UX	1.47	N.D.		13.7	N.D.		15	N.D.		15.1	N.D.		15	N.D.		15	N.D.		23	N.D.		19	N.D.	U	20	N.D.	U	19		
PCB-156	3.02	$XBC_{156/15}$	N.V.P	N.D.	$C_{156/157}$	22.4	N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.6	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	28	N.D.	U	39	N.D.	U	38		
PCB-157	3.02	$XBC_{156/15}$	N.V.P	N.D.	$C_{156/157}$	22.4	N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.6	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	28	N.D.	U	39	N.D.	U	38		
PCB-158	1.53	JBXE	N.V.P	N.D.		15.6	N.D.		17.8	N.D.		18	N.D.		18	N.D.		18	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19		
PCB-159	N.D.	UX	1.35	N.D.		13.7	N.D.		19.1	N.D.		19.3	N.D.		19	N.D.		20	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19		
PCB-160	N.D.	UX	1.26	N.D.		61.5	N.D.		18.9	N.D.		19	N.D.		19	N.D.		19	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19		
PCB-161	N.D.	UX	1.11	N.D.		12.7	N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		17	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19		
PCB-162	N.D.	UX	1.35	N.D.		12.7	N.D.		18.7	N.D.		18.8	N.D.		19	N.D.		19	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19		
PCB-163	23.9	$BC_{129/138/1}$	N.V.P	N.D.	$C_{129/138/163}$	61.5	N.D.	$C_{129/138/163}$	49.8	N.D.	$C_{129/138/163}$	50.3	N.D.	$C_{129/138/163}$	17	N.D.	$C_{129/138/163}$	17	N.D.	$C_{129/138/1}$ 63	34	N.D.	$C_{129/138/1}$ 63	28	N.D.	U	69	N.D.	U	67		
PCB-164	N.D.	UX	1.14	N.D.		14.6	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		17	N.D.		8.2	N.D.		6.7	N.D.	U	20	N.D.	U	19		
PCB-165	N.D.	UX	1.2	N.D.		12.7	N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		17	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19		
PCB-166	4.65	$IBXC_{128/16}$	N.V.P	N.D.	$C_{128/166}$	28.3	N.D.	$C_{128/166}$	37.9	N.D.	$C_{128/166}$	38.3	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	21	N.D.	$C_{128/166}$	17	N.D.	U	39	N.D.	U	38		
PCB-167	N.D.	UX	1.37	N.D.		12.7	N.D.		16.2	N.D.		16.3	N.D.		16	N.D.		17	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19		
PCB-168	12.7	$XBC_{153/168}$	N.V.P	40.1	$JBC_{153/168}$	29.3	N.D.	$C_{153/168}$	29.1	N.D.	$C_{153/168}$	29.4	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	21	N.D.	$C_{153/168}$	17	N.D.	U	50	N.D.	U	49		
PCB-169	N.D.	UX	1.59	N.D.		14.6	N.D.		17.7	N.D.		17.9	N.D.		18	N.D.		18	N.D.		21	N.D.		17	N.D.	U	20	N.D.	U	19		
PCB-170	11.7	XB	N.V.P	N.D.		11.7	N.D.		16.9	N.D.		17	N.D.		17	N.D.		17	N.D.		13	N.D.		11	N.D.	U	41	N.D.	U	40		
PCB-171	3.25	$XBC_{171/17}$	N.V.P	N.D.	$C_{171/173}$	29.3	N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.2	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	19	N.D.	$C_{171/173}$	15	N.D.	U	39	N.D.	U	38		
PCB-172	N.D.	UX	1.65	N.D.		12.7	N.D.		15	N.D.		15.2	N.D.		15	N.D.		15	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19		
PCB-173	3.25	$XBC_{171/17}$	N.V.P	N.D.	$C_{171/173}$	29.3	N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.2	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	19	N.D.	$C_{171/173}$	15	N.D.	U	39	N.D.	U	38		
PCB-174	10.7	JXB	N.V.P	N.D.		14.6	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		17	N.D.		13	N.D.		11	N.D.	U	46	N.D.	U	45		
PCB-175	N.D.	UX	1.55	N.D.		13.7	N.D.		19.9	N.D.		20.1	N.D.		20	N.D.		20	N.D.		14	N.D.		12	N.D.	U	20	N.D.	U	19		
PCB-176	N.D.	UX	1.1	N.D.		11.7	N.D.		15.3	N.D.		15.5	N.D.		16	N.D.		16	N.D.		7	N.D.		5.8	N.D.	U	20	N.D.	U	19		
PCB-177	7.47	JXB	N.V.P	N.D.		10.7	N.D.		17	N.D.		17.2	N.D.		17	N.D.		17	N.D.		11	N.D.		8.6	N.D.	U	24	N.D.	U	23		
PCB-178	N.D.	UX	1.58	N.D.		13.7	N.D.		25.2	N.D.		25.5	N.D.		26	N.D.		26	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19		
PCB-179	3.52	JXBE	N.V.P	N.D.		13.7	N.D.		13.4	N.D.		13.6	N.D.		14	N.D.		14	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19		
PCB-180	23.2	$XBC_{180/193}$	N.V.P	N.D.	$C_{180/193}$	29.3	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	22	26	J B	18	N.D.	U	49	N.D.	U	48		
PCB-181	N.D.	UX	1.49	N.D.		12.7	N.D.		19.8	N.D.		20	N.D.		20	N.D.		20	N.D.		9.4	N.D.		7.7	N.D.	U	20	N.D.	U	19		
PCB-182	N.D.	UX	1.43	N.D.		12.7	N.D.		22.6	N.D.		22.8	N.D.		23	N.D.		23	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19		
PCB-183	5.27	JXB	N.V.P	N.D.	$C_{183/185}$	27.3	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.9	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	26	N.D.	$C_{183/185}$	21	N.D.	U	41	N.D.	U	40		
PCB-184	N.D.	UX	1.22	N.D.		13.7	N.D.		15.4	N.D.		15.6	N.D.		16	N.D.		16	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19		
PCB-185	N.D.	UX	1.5	N.D.	$C_{183/185}$	27.3	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.9	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	26	N.D.	$C_{183/185}$	21	N.D.	U	41	N.D.	U	40		
PCB-186	N.D.	UX	1.17	N.D.		14.6	N.D.		16.3	N.D.		16.4	N.D.		17	N.D.		17	N.D.		13	N.D.		11	N.D.	U	20	N.D.	U	19		
PCB-187	8.86	JXB	N.V.P	17.3	J	16.6	N.D.		19.4	N.D.		19.6	N.D.		20	N.D.		20	N.D.		13	12	J B	11	N.D.	U	37	N.D.	U	36		
PCB-188	N.D.	UX	1.21	N.D.		14.6	N.D.		77.3	N.D.		78.1	N.D.		79	N.D.		79	N.D.		55	N.D.		45	N.D.	U	20	N.D.	U	19		
PCB-189	N.D.	UX	1.66	N.D.		12.7	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		17	N.D.		18	N.D.		14	N.D.	U	20	N.D.	U	19		
PCB-190	2.28	JXBE	N.V.P	N.D.		13.7	N.D.		18.9	N.D.		19	N.D.		19	N.D.		19	N.D.		19	N.D.		15	N.D.	U	20	N.D.	U	19		
PCB-191	N.D.	UX	1.26	N.D.		12.7	N.D.		15.2	N.D.		15.4	N.D.		15	N.D.		16	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19		
PCB-192	N.D.	UX	1.31	N.D.		12.7	N.D.		17.1	N.D.		17.3	N.D.		17	N.D.		17	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19		
PCB-193	23.2	$XBC_{180/193}$	N.V.P	N.D.	$C_{180/193}$	29.3	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	22	26	J B	18	N.D.	U	49	N.D.	U	48		
PCB-194	6.64	JXB	N.V.P	N.D.		17.6	N.D.		27.3	N.D.		27.6	N.D.		28	N.D.		28	N.D.		14	40	J B	12	N.D.	U	25	N.D.	U	53		
PCB-195	3.46	JXB	N.V.P	N.D.		21.5	N.D.		26.6	N.D.		26.8	N.D.		27	N.D.		27	N.D.		16	N.D.		13	N.D.	U	20	N.D.	U	19		
PCB-196	5.46	JXB	N.V.P	N.D.		19.5	N.D.		22.7	N.D.		22.9	N.D.		23	N.D.		23	N.D.		13	12	J B	11	N.D.	U	20	N.D.	U	19		
PCB-197	N.D.	UX	1.03	N.D.	$C_{197/200}$	42	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	76.3	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	16	N.D.	$C_{197/200}$	13	N.D.	U	39	N.D.	U	38		
PCB-198	7.65	$XBEC_{198/1}$	N.V.P	N.D.	$C_{198/199}$	36.1	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.8	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	21	43	J B	17	N.D.	U	39	N.D.	U	38		
PCB-199	7.65	$XBEC_{198/1}$	N.V.P	N.D.	$C_{198/199}$	36.1	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.8	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	21	43	J B	17	N.D.	U	39	N.D.	U	38		
PCB-200	N.D.	UX	1.2	N.D.	$C_{197/200}$	42	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	76.3	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	16	N.D.	$C_{197/200}$	13	N.D.	U	39	N.D.	U	38		
PCB-201	N.D.	UX	1.09	N.D.		19.5	N.D.		94.9	N.D.		95.8	N.D.		96	N.D.		97	N.D.		57	N.D.		47	N.D.	U	20	N.D.	U	19		
PCB-202	N.D.	UX	1.24	N.D.		23.4	N.D.		26.8	N.D.		27	N.D.		27	N.D.		97	N.D.		11	N.D.		8.6	N.D.	U	20	N.D.	U	19		
PCB-203	4.74	JXB	N.V.P	N.D.		17.6	N.D.		20.3	N.D.		20.5	N.D.		21	N.D.		21	N.D.		15	14	J I B	12	N.D.	U	20	N.D.	U	50		
PCB-204	N.D.	UX	1.16	N.D.		20.5	N.D.		21.7	N.D.		21.9	N.D.		22	N.D.		22	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19		
PCB-205	N.D.	UX	1.63	N.D.		14.6	N.D.		26.5	N.D.		26.7	N.D.		27	N.D.		27	N.D.		8.2	N.D.		6.7	N.D.	U	20	N.D.	U	19		
PCB-206	N.D.	UX	3.37	N.D.		15.6	N.D.		24	N.D.		24.2	N.D.		24	N.D.		24	N.D.		8.2	34	J I B	6.7	N.D.	U	20	N.D.	U	55		
PCB-207	N.D.	UX	2.33	N.D.		18.5	N.D.		23.3	N.D.		23.6	N.D.		24	N.D.		24	N.D.		12	N.D.		9.6	N.D.	U	20	N.D.	U	19		
PCB-208	N.D.	UX	2.51	N.D.		15.6	N.D.		25.1	N.D.		25.4	N.D.		26	N.D.		26	N.D.		64	N.D.		53	N.D.	U	30	N.D.	U	30		
PCB-209	N.D.	UX	1.5	N.D.		15.6	N.D.		347	N.D.		350	N.D.		350	N.D.		350	N.D.		280	N.D.		230	N.D.	U	39	N.D.	U	38		

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
method blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is part of Verdantas LLC' "Chemours PCCP Monitoring Report, 2024-2025" and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-02																													
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
Total PCBs	287.82	-	-	59.7	-	-	N.D.	-	-	9.76	-	-	46	-	-	13	-	-	8.1	-	-	193	-	-	N.D.	-	-	N.D.	-	-
PCB-1	9.73	JX	N.V.P	N.D.		9.72	N.D.		47.2	N.D.		48.1	N.D.		48	N.D.		51	N.D.		18	N.D.		18	N.D.	U	40	N.D.	U	40
PCB-2	13.2	X	N.V.P	N.D.		6.8	N.D.		69.2	N.D.		70.5	N.D.		70	N.D.		75	N.D.		16	N.D.		16	N.D.	U	20	N.D.	U	30
PCB-3	11	JX	N.V.P	N.D.		10.7	N.D.		38.9	N.D.		39.6	N.D.		40	N.D.		42	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	30
PCB-4	N.D.	UX	6.54	N.D.		12.6	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		22	N.D.		22	N.D.	U	29	N.D.	U	29
PCB-5	N.D.	UX	3.85	N.D.		7.77	N.D.		7.32	N.D.		7.46	N.D.		7.5	N.D.		739	N.D.		20	N.D.		20	N.D.	U	20	N.D.	U	20
PCB-6	N.D.	UX	3.96	N.D.		6.8	N.D.		13.1	N.D.		13.3	N.D.		13	N.D.		14	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-7	N.D.	UX	3.69	N.D.		7.77	N.D.		7.74	N.D.		7.89	N.D.		7.9	N.D.		8.3	N.D.		16	N.D.		16	N.D.	U	20	N.D.	U	20
PCB-8	N.D.	UX	3.93	N.D.		14.6	N.D.		9.81	N.D.		10	N.D.		10	13	J I	11	N.D.		16	N.D.		16	N.D.	U	29	N.D.	U	29
PCB-9	N.D.	UX	4.21	N.D.		6.8	N.D.		8.2	N.D.		8.35	N.D.		8.3	N.D.		8.8	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-10	N.D.	UX	4.36	N.D.		12.6	N.D.		5.06	N.D.		5.15	N.D.		5.2	N.D.		5.5	N.D.		22	N.D.		22	N.D.	U	20	N.D.	U	20
PCB-11	19.1	X	N.V.P	N.D.		33	N.D.		127	N.D.		130	N.D.		130	N.D.		140	N.D.		110	N.D.		110	N.D.	U	59	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	9.96	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	20.7	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	34	N.D.	$C_{12/13}$	34	N.D.	U	20	N.D.	U	20
PCB-13	N.D.	$UXC_{12/13}$	3.96	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	20.7	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	34	N.D.	$C_{12/13}$	34	N.D.	U	20	N.D.	U	20
PCB-14	N.D.	UX	3.44	N.D.		7.77	N.D.		1.87	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		20	N.D.		20	N.D.	U	20	N.D.	U	20
PCB-15	N.D.	UX	4.5	N.D.		15.5	N.D.		7.93	N.D.		8.09	N.D.		8.1	N.D.		8.6	N.D.		20	N.D.		20	N.D.	U	20	N.D.	U	20
PCB-16	N.D.	UX	6.22	N.D.		8.75	N.D.		1.87	N.D.		5.07	N.D.		5.1	N.D.		5.4	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-17	N.D.	UX	4.2	N.D.		8.75	N.D.		5.73	N.D.		5.84	N.D.		5.8	N.D.		6.2	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-18	N.D.	$UXC_{18/30}$	3.58	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.35	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.5	N.D.	$C_{18/30}$	10	N.D.	$C_{18/30}$	24	N.D.	$C_{18/30}$	24	N.D.	U	40	N.D.	U	40
PCB-19	N.D.	UX	4.73	N.D.		7.77	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		11	N.D.		11	N.D.	U	24	N.D.	U	24
PCB-20	2.92	$JXC_{20/28}$	N.V.P	N.D.	$C_{20/28}$	21.4	N.D.	$C_{20/28}$	15.2	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	28	N.D.	$C_{20/28}$	28	N.D.	U	40	N.D.	U	40
PCB-21	N.D.	$UXC_{21/33}$	2.47	N.D.	$C_{21/33}$	20.4	N.D.	$C_{21/33}$	9.35	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.5	N.D.	$C_{21/33}$	10	N.D.	$C_{21/33}$	29	N.D.	$C_{21/33}$	29	N.D.	U	40	N.D.	U	40
PCB-22	N.D.	UX	2065	N.D.		8.75	N.D.		5.54	N.D.		5.65	N.D.		5.6	N.D.		6	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-23	N.D.	UX	2.49	N.D.		6.8	N.D.		4.71	N.D.		4.8	N.D.		4.8	N.D.		5.1	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-24	N.D.	UX	3.06	N.D.		9.72	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-25	N.D.	UX	2.46	N.D.		7.77	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		13	N.D.		13	N.D.	U	20	N.D.	U	20
PCB-26	N.D.	$UXC_{26/29}$	2.49	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	27.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	30	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	35	N.D.	U	40	N.D.	U	40
PCB-27	N.D.	UX	3.09	N.D.		7.77	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-28	2.92	$JXC_{20/28}$	N.V.P	N.D.	$C_{20/28}$	21.4	N.D.	$C_{20/28}$	15.2	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	28	N.D.	$C_{20/28}$	28	N.D.	U	40	N.D.	U	40
PCB-29	N.D.	$UXC_{26/29}$	2.49	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	27.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	30	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	35	N.D.	U	40	N.D.	U	40
PCB-30	N.D.	$UXC_{18/30}$	3.58	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.35	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.5	N.D.	$C_{18/30}$	10	N.D.	$C_{18/30}$	24	N.D.	$C_{18/30}$	24	N.D.	U	40	N.D.	U	40
PCB-31	N.D.	UX	2.42	N.D.		17.5	N.D.		10.9	N.D.		11.1	N.D.		11	N.D.		12	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	42
PCB-32	N.D.	UX	2.96	N.D.		7.77	N.D.		4.74	9.76	J	4.83	N.D.		4.8	N.D.		5.1	N.D.		8	N.D.		7.9	N.D.	U	20	N.D.	U	20
PCB-33	N.D.	$UXC_{21/33}$	2.47	N.D.	$C_{21/33}$	20.4	N.D.	$C_{21/33}$	9.35	N.D.		9.52	N.D.		9.5	N.D.		10	N.D.	$C_{21/33}$	29	N.D.	$C_{21/33}$	29	N.D.	U	40	N.D.	U	40
PCB-34	N.D.	UX	2.59	N.D.		6.8	N.D.		5.45	N.D.		5.55	N.D.		5.6	N.D.		5.9	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-35	N.D.	UX	2.71	N.D.		8.75	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		19	N.D.		19	N.D.	U	20	N.D.	U	20
PCB-36	N.D.	UX	2.39	N.D.		7.77	N.D.		6.69	N.D.		6.82	N.D.		6.8	N.D.		7.2	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-37	N.D.	UX	3.13	N.D.		9.72	N.D.		5.38	N.D.		5.49	N.D.		5.5	N.D.		5.8	N.D.		8	N.D.		7.9	N.D.	U	20	N.D.	U	25
PCB-38	N.D.	UX	2.62	N.D.		6.8	N.D.		4.67	N.D.		4.76	N.D.		4.8	N.D.		5	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-39	N.D.	UX	2.38	N.D.		7.77	N.D.		5.79	N.D.		5.9	N.D.		5.9	N.D.		6.2	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-40	N.D.	$UXC_{40/71}$	2.5	N.D.	$C_{40/71}$	40.8	N.D.	$C_{40/71}$	18.8	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	16	N.D.	$C_{40/71}$	16	N.D.	U	40	N.D.	U	40
PCB-41	N.D.	UX	2.66	N.D.		40.8	N.D.		12.3	N.D.		12.6	N.D.		13	N.D.		13	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-42	N.D.	UX	2.67	N.D.		15.5	N.D.		13.3	N.D.		13.5	N.D.		14	N.D.		14	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-43	N.D.	UX	3.79	N.D.		13.6	N.D.		9.35	N.D.		9.52	N.D.		9.5	N.D.		10	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-44	18.4	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	36.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	24	N.D.	$C_{44/47/65}$	24	N.D.	U	59	N.D.	U	40
PCB-45	N.D.	UX	2.11	N.D.		21.4	N.D.		10.8	N.D.		11	N.D.		11	N.D.		12	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-46	N.D.	UX	2.97	N.D.		9.72	N.D.		9.35	N.D.		9.52	N.D.		9.5	N.D.		10	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-47	18.4	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	36.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	24	N.D.	$C_{44/47/65}$	24	N.D.	U	59	N.D.	U	40
PCB-48	N.D.	UX	2.43	N.D.		13.6	N.D.		11.8	N.D.		12	N.D.		12	N.D.		13	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-49	N.D.	$UXC_{49/69}$	2.07	N.D.	$C_{49/69}$	25.3	N.D.	$C_{49/69}$	23.6	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	18	N.D.	$C_{49/69}$	18	N.D.	U	40	N.D.	U	40
PCB-50	N.D.	$UXC_{50/53}$	2.43	N.D.	$C_{50/53}$	24.3	N.D.	$C_{50/53}$	88.5	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	90	N.D.	$C_{50/53}$	95	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	90	N.D.	U	40	N.D.	U	40
PCB-51	14.8	X	N.V.P	N.D.		21.4	N.D.		29.5	N.D.		30.1	N.D.		30	N.D.		32	N.D.		13	N.D.		13	N.D.	U	20	N.D.	U	20
PCB-52	4.54	JX	N.V.P	N.D.		14.6	N.D.		19.7	N.D.		20.1	N.D.		20	N.D.		21	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	65
PCB-53	N.D.	$UXC_{50/53}$	2.43	N.D.	$C_{50/53}$	24.3	N.D.	$C_{50/53}$	88.5	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	90	N.D.	$C_{50/53}$	95	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	90	N.D.	U	40	N.D.	U	40
PCB-54	N.D.	UX	2.74	N.D.		13.6	N.D.		9.35	N.D.		9.52	N.D.		9.5	N.D.		10	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-55	N.D.	UX	2.22	N.D.		11.7	N.D.		11.5	N.D.		11.7	N.D.		12	N.D.		12	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-56	N.D.	UX	2.25	N.D.		14.6	N.D.		10.1	N.D.		10.3	N.D.		10	N.D.		11	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-57	N.D.	UX	2.18	N.D.		10.7	N.D.		12.8	N.D.		13	N.D.		13	N.D.		14	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-58	N.D.	UX	2.12	N.D.		13.6	N.D.		12.1	N.D.		12.4	N.D.		12	N.D.		13	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-59	N.D.	$JXC_{59/62/7}$	1.81	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	39	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	25	N.D.	$C_{59/62/75}$	25	N.D.	U	59	N.D.	U	59
PCB-60	N.D.	UX	2.19	N.D.		13.6	N.D.		11.8	N.D.		12	N.D.		12	N.D.		13	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-61	4.69	$KC_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/7}$	57.3	N.D.	$C_{61/70/74/7}$	44.8	N.D.	$C_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/7}$	46	N.D.	$C_{61/70/74/7}$	48	N.D.	$C_{61/70/74/7}$	30	N.D.	$C_{61/70/74/7}$	30	N.D.	U	79	N.D.	U	79
PCB-62	N.D.	$JXC_{59/62/7}$	1.81	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	39	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	25	N.D.	$C_{59/62/75}$	25	N.D.	U	59	N.D.	U	59
PCB-63	N.D.	UX	1.93	N.D.		11.7	N.D.		12.1	N.D.		12.3	N.D.		12	N.D.		13	N.D.		13	N.D.		13	N.D.	U	20	N.D.	U	20
PCB-64	N.D.	UX	1.71	N.D.		12.6	N.D.		10.3	N.D.		10.5	N.D.		10	N.D.		11	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-65	18.4	$XC_{44/47/65}$	N.V.P	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	36.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	24	N.D.	$C_{44/47/65}$	24	N.D.	U	59	N.D.	U	40
PCB-66	N.D.	UX	2.17	N.D.		16.5	N.D.		10.3	N.D.		10.5	N.D.		10	N.D.		11	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-67	N.D.	UX	2.07	N.D.		11.7	N.D.		11.5	N.D.		11.7	N.D.		12	N.D.		12	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-68	3.35	JX	N.V.P	N.D.		13.6	N.D.		14.3	N.D.		14.6	N.D.		15	N.D.		15	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-69	N.D.	$UXC_{49/69}$	2.07	N.D.	$C_{49/69}$	25.3	N.D.	$C_{49/69}$	23.6	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	18	N.D.	$C_{49/69}$	18	N.D.	U	40	N.D.	U	40
PCB-70	4.69	$KC_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/7}$	57.3	N.D.	$C_{61/70/74/7}$	44.8	N.D.	$C_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/7}$	46	N.D.	$C_{61/70/74/7}$	48	N.D.	$C_{61/70/74/7}$	30	N.D.	$C_{61/70/74/7}$	30	N.D.	U	79	N.D.	U	79
PCB-71	N.D.	$UXC_{40/71}$	2.5	N.D.	$C_{40/71}$	40.8	N.D.	$C_{40/71}$	18.8	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	16	N.D.	$C_{40/71}$	16	N.D.	U	40	N.D.	U	40
PCB-72	N.D.	UX	2.12	N.D.		12.6	N.D.		14.7	N.D.		15	N.D.		15	N.D.		16	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-73	N.D.	UX	1.66	N.D.		13.6	N.D.		19.4	N.D.		19.8	N.D.		20	N.D.		21	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-74	4.69	$KC_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/7}$	57.3	N.D.	$C_{61/70/74/7}$	44.8	N.D.	$C_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/7}$	46	N.D.	$C_{61/70/74/7}$	48	N.D.	$C_{61/70/74/7}$	30	N.D.	$C_{61/70/74/7}$	30	N.D.	U	79	N.D.	U	79
PCB-75	N.D.	$JXC_{59/62/7}$	1.81	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	39	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	25	N.D.	$C_{59/62/75}$	25	N.D.	U	59	N.D.	U	59
PCB-76	4.69	$KC_{61/70/74/}$	N.V.P	N.D.	$C_{61/70/74/7}$	57.3	N.D.	$C_{61/70/74/7}$	44.8	N.D.	$C_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/7}$	46	N.D.	$C_{61/70/74/7}$	48	N.D.	$C_{61/70/74/7}$	30	N.D.	$C_{61/70/74/7}$	30	N.D.	U	79	N.D.	U	79
PCB-77	N.D.	UX	2.37	N.D.		13.6	N.D.		9.81	N.D.		10	N.D.		10	N.D.		11	N.D.		19	N.D.		19	N.D.	U	20	N.D.	U	20
PCB-78	N.D.	UX	2.35	N.D.		15.5	N.D.		13.2	N.D.		13.4	N.D.		13	N.D.		25	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-79	N.D.	UX	1.98	N.D.		12.6	N.D.		13.3	N.D.		13.5	N.D.		14	N.D.		14	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-80	N.D.	UX	1.9	N.D.		10.7	N.D.		15.5	N.D.		15.8	N.D.		16	N.D.		17	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-81	N.D.	UX	2.47	N.D.		17.5	N.D.		9.35	N.D.		9.52	N.D.		9.5	N.D.		10	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-82	N.D.	UX	1.69	N.D.		14.6	N.D.		11.5	N.D.		11.7	N.D.		12	N.D.		12	N.D.		13	N.D.		13	N.D.	U	20	N.D.	U	20
PCB-83	N.D.	UX	1.52	N.D.		28.2	N.D.		11.8	N.D.		12	N.D.		12	N.D.		13	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-84	1.75	JXE	N.V.P	N.D.		10.7	N.D.		11.1	N.D.		11.3	N.D.		11	N.D.		12	N.D.		25	N.D.		25	N.D.	U	20	N.D.	U	20
PCB-85	N.D.	$UXC_{85/116/11}$	1.42	N.D.	$C_{85/116/117}$	36.9	N.D.	$C_{85/116/117}$	63.6	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	65	N.D.	$C_{85/116/117}$	69	N.D.	$C_{85/116/117}$	34	N.D.	$C_{85/116/117}$	34	N.D.	U	59	N.D.	U	59
PCB-86	3.85	$JXEC_{86/87/97/108/119/125}$	N.V.P	N.D.	87/97/109/11	71.9	N.D.	87/97/109/11	120	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	120
PCB-87	3.85	$JXEC_{86/87/97/108/119/125}$	N.V.P	N.D.	87/97/109/11	71.9	N.D.	87/97/109/11	120	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	120
PCB-88	N.D.	UX	1.34	N.D.		21.4	N.D.		13.9	N.D.		14.2	N.D.		14	N.D.		15	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-89	N.D.	UX	1.56	N.D.		12.6	N.D.		13.9	N.D.		14.2	N.D.		14	N.D.		15	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-90	5.95	$BEC_{90/101/}$	N.V.P	N.D.	$C_{90/101/113}$	45.7	N.D.	$C_{90/101/113}$	38.6	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	42	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	U	59	N.D.	U	59
PCB-91	N.D.	UX	1.46	N.D.		21.4	N.D.		11.1	N.D.		11.3	N.D.		11	N.D.		12	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-92	N.D.	UX	1.49	N.D.		12.6	N.D.		14.6	N.D.		14.9	N.D.		15	N.D.		16	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-93	N.D.	$UXC_{93/100}$	1.33	N.D.	$C_{93/100}$	74.8	N.D.	$C_{93/100}$	28.8	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29	N.D.	$C_{93/100}$	31	N.D.	$C_{93/100}$	25	N.D.	$C_{93/100}$	25	N.D.	U	40	N.D.	U	40
PCB-94	N.D.	UX	1.56	N.D.		12.6	N.D.		13	N.D.		13.2	N.D.		13	N.D.		14	N.D.		13	N.D.		13	N.D.	U	20	N.D.	U	20
PCB-95	7.25	JBX	N.V.P	N.D.		74.8	N.D.		14.4	N.D.		14.7	46	J I B	15	N.D.		16	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-96	N.D.	UX	1.39	N.D.		14.6	N.D.		12.1	N.D.		12.3	N.D.		12	N.D.		13	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-97	3.85	$JXEC_{86/87/97/108/119/125}$	N.V.P	N.D.	87/97/109/11	71.9	N.D.	87/97/109/11	120	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	120
PCB-98	N.D.	UX	2.04	N.D.	$C_{98/102}$	74.8	N.D.	$C_{98/102}$	38.6	N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	39	N.D.	$C_{98/102}$	42	N.D.	$C_{98/102}$	29	N.D.	$C_{98/102}$	29	N.D.	U	40	N.D.	U	40
PCB-99	2.68	JX	N.V.P	N.D.		28.2	N.D.		13.6	N.D.		13.9	N.D.		14	N.D.		15	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-100	N.D.	$UXC_{93/100}$	1.33	N.D.	$C_{93/100}$	74.8	N.D.	$C_{93/100}$	28.8	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29	N.D.	$C_{93/100}$	31	N.D.	$C_{93/100}$	25	N.D.	$C_{93/100}$	25	N.D.	U	40	N.D.	U	40
PCB-101	5.95	$BEC_{90/101/}$	N.V.P	N.D.	$C_{90/101/113}$	45.7	N.D.	$C_{90/101/113}$	38.6	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	42	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	U	20	N.D.	U	20
PCB-102	N.D.	UX	1.21	N.D.	$C_{98

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-02																														
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
PCB-134	N.D.	UX	0.988	N.D.		32.1	N.D.		14.5	N.D.		14.8	N.D.		15	N.D.		16	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	20
PCB-135	5.49	XBC$_{135/15}$	N.V.P	N.D.	C$_{135/151}$	44.7	N.D.	C$_{135/151}$	40.3	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	43	N.D.	C$_{135/151}$	32	N.D.	C$_{135/151}$	32	N.D.	U	40	N.D.	U	40
PCB-136	4.2	JXB	N.V.P	N.D.		15.5	N.D.		14	N.D.		14.3	N.D.		14	N.D.		15	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-137	N.D.	UX	0.887	N.D.		14.6	N.D.		18	N.D.		18.4	N.D.		18	N.D.		19	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-138	13.2	EC$_{129/138}$	N.V.P	N.D.	C$_{129/138/16}$	61.2	N.D.	C$_{129/138/16}$	48.9	N.D.	C$_{129/138/16}$	49.8	N.D.	C$_{129/138/16}$	50	N.D.	C$_{129/138/16}$	53	N.D.	C$_{129/138/163}$	29	N.D.	C$_{129/138/163}$	29	N.D.	U	69	N.D.	U	69
PCB-139	N.D.	JXC$_{139/14}$	0.913	N.D.	C$_{139/140}$	28.2	N.D.	C$_{139/140}$	30.7	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	31	N.D.	C$_{139/140}$	33	N.D.	C$_{139/140}$	19	N.D.	C$_{139/140}$	19	N.D.	U	40	N.D.	U	40
PCB-140	N.D.	JXC$_{139/14}$	0.913	N.D.	C$_{139/140}$	28.2	N.D.	C$_{139/140}$	30.7	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	31	N.D.	C$_{139/140}$	33	N.D.	C$_{139/140}$	19	N.D.	C$_{139/140}$	19	N.D.	U	40	N.D.	U	40
PCB-141	3.6	JXB	N.V.P	N.D.		16.5	N.D.		21	N.D.		21.4	N.D.		21	N.D.		23	N.D.		6	N.D.		6	N.D.	U	23	N.D.	U	23
PCB-142	N.D.	UX	1.06	N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		17	N.D.		18	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-143	N.D.	UX	1.09	N.D.		32.1	N.D.		16	N.D.		16.3	N.D.		16	N.D.		17	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-144	N.D.	UX	0.928	N.D.		14.6	N.D.		15.6	N.D.		15.9	N.D.		16	N.D.		17	N.D.		21	N.D.		21	N.D.	U	20	N.D.	U	20
PCB-145	N.D.	UX	1.01	N.D.		15.5	N.D.		14.4	N.D.		14.7	N.D.		15	N.D.		16	N.D.		23	N.D.		23	N.D.	U	20	N.D.	U	20
PCB-146	1.88	JXB	N.V.P	N.D.		13.6	N.D.		14.6	N.D.		14.9	N.D.		15	N.D.		16	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-147	11.9	KBC$_{147/14}$	N.V.P	N.D.	C$_{147/149}$	34	N.D.	C$_{147/149}$	26.8	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	27	N.D.	C$_{147/149}$	29	N.D.	C$_{147/149}$	20	N.D.	C$_{147/149}$	20	N.D.	U	43	N.D.	U	43
PCB-148	N.D.	UX	0.922	N.D.		13.6	N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		16	N.D.		16	N.D.		16	N.D.	U	20	N.D.	U	20
PCB-149	11.9	KBC$_{147/14}$	N.V.P	N.D.	C$_{147/149}$	34	N.D.	C$_{147/149}$	26.8	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	27	N.D.	C$_{147/149}$	29	N.D.	C$_{147/149}$	20	N.D.	C$_{147/149}$	20	N.D.	U	43	N.D.	U	43
PCB-150	N.D.	UX	1.02	N.D.		14.6	N.D.		15.6	N.D.		15.9	N.D.		16	N.D.		17	N.D.		19	N.D.		19	N.D.	U	20	N.D.	U	20
PCB-151	5.49	XBC$_{135/15}$	N.V.P	N.D.	C$_{135/151}$	44.7	N.D.	C$_{135/151}$	40.3	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	43	N.D.	C$_{135/151}$	32	N.D.	C$_{135/151}$	32	N.D.	U	40	N.D.	U	40
PCB-152	N.D.	UX	0.906	N.D.		13.6	N.D.		13.6	N.D.		13.9	N.D.		14	N.D.		15	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-153	9.54	KBC$_{153/16}$	N.V.P	38.8	JBC$_{153/168}$	29.2	N.D.	C$_{153/168}$	28.6	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	29	N.D.	C$_{153/168}$	31	N.D.	C$_{153/168}$	18	N.D.	C$_{153/168}$	18	N.D.	U	50	N.D.	U	50
PCB-154	N.D.	UX	0.838	N.D.		44.7	N.D.		43.7	N.D.		44.6	N.D.		45	N.D.		47	N.D.		45	N.D.		45	N.D.	U	20	N.D.	U	20
PCB-155	N.D.	UX	1	N.D.		13.6	N.D.		14.7	N.D.		15	N.D.		15	N.D.		16	N.D.		20	N.D.		20	N.D.	U	20	N.D.	U	20
PCB-156	1.52	XBC$_{156/15}$	N.V.P	N.D.	C$_{156/157}$	22.4	N.D.	C$_{156/157}$	32.6	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	33	N.D.	C$_{156/157}$	35	N.D.	C$_{156/157}$	29	N.D.	C$_{156/157}$	29	N.D.	U	40	N.D.	U	40
PCB-157	1.52	XBC$_{156/15}$	N.V.P	N.D.	C$_{156/157}$	22.4	N.D.	C$_{156/157}$	32.6	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	33	N.D.	C$_{156/157}$	35	N.D.	C$_{156/157}$	29	N.D.	C$_{156/157}$	29	N.D.	U	40	N.D.	U	40
PCB-158	1.13	JBX	N.V.P	N.D.		15.5	N.D.		17.5	N.D.		17.8	N.D.		18	N.D.		19	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-159	N.D.	UX	0.94	N.D.		13.6	N.D.		18.8	N.D.		19.1	N.D.		19	N.D.		20	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-160	N.D.	UX	0.823	N.D.		61.2	N.D.		18.5	N.D.		18.9	N.D.		19	N.D.		20	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-161	N.D.	UX	0.725	N.D.		12.6	N.D.		16.2	N.D.		16.5	N.D.		16	N.D.		17	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-162	N.D.	UX	0.942	N.D.		12.6	N.D.		18.3	N.D.		18.7	N.D.		19	N.D.		20	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-163	13.2	EC$_{129/138}$	N.V.P	N.D.	C$_{129/138/16}$	61.2	N.D.	C$_{129/138/16}$	48.9	N.D.	C$_{129/138/16}$	49.8	N.D.	C$_{129/138/16}$	50	N.D.	C$_{129/138/16}$	53	N.D.	C$_{129/138/163}$	29	N.D.	C$_{129/138/163}$	29	N.D.	U	69	N.D.	U	69
PCB-164	N.D.	UX	0.749	N.D.		14.6	N.D.		16.4	N.D.		16.8	N.D.		17	N.D.		18	N.D.		7	N.D.		6.9	N.D.	U	20	N.D.	U	20
PCB-165	N.D.	UX	0.785	N.D.		12.6	N.D.		16.2	N.D.		16.5	N.D.		16	N.D.		17	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-166	1.79	XEC$_{128/1}$	N.V.P	N.D.	C$_{128/166}$	28.2	N.D.	C$_{128/166}$	37.2	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	38	N.D.	C$_{128/166}$	40	N.D.	C$_{128/166}$	18	N.D.	C$_{128/166}$	18	N.D.	U	40	N.D.	U	40
PCB-167	0.95	UX	0.95	N.D.		12.6	N.D.		15.9	N.D.		16.2	N.D.		16	N.D.		17	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-168	9.54	KBC$_{153/16}$	N.V.P	38.8	JBC$_{153/168}$	29.2	N.D.	C$_{153/168}$	28.6	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	29	N.D.	C$_{153/168}$	31	N.D.	C$_{153/168}$	18	N.D.	C$_{153/168}$	18	N.D.	U	50	N.D.	U	50
PCB-169	N.D.	UX	1.2	N.D.		14.6	N.D.		17.4	N.D.		17.7	N.D.		18	N.D.		19	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	20
PCB-170	9.95	JXB	N.V.P	N.D.		11.7	N.D.		16.5	N.D.		16.9	N.D.		17	N.D.		18	N.D.		11	N.D.		11	N.D.	U	42	N.D.	U	42
PCB-171	2.73	XBEC$_{171/1}$	N.V.P	N.D.	C$_{171/173}$	29.2	N.D.	C$_{171/173}$	35.1	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	36	N.D.	C$_{171/173}$	38	N.D.	C$_{171/173}$	16	N.D.	C$_{171/173}$	16	N.D.	U	40	N.D.	U	40
PCB-172	N.D.	UX	1.27	N.D.		12.6	N.D.		14.8	N.D.		15	N.D.		15	N.D.		16	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-173	2.73	XBEC$_{171/1}$	N.V.P	N.D.	C$_{171/173}$	29.2	N.D.	C$_{171/173}$	35.1	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	36	N.D.	C$_{171/173}$	38	N.D.	C$_{171/173}$	16	N.D.	C$_{171/173}$	16	N.D.	U	40	N.D.	U	40
PCB-174	10.4	JXB	N.V.P	N.D.		14.6	N.D.		16.4	N.D.		16.8	N.D.		17	N.D.		18	N.D.		11	N.D.		11	N.D.	U	47	N.D.	U	46
PCB-175	N.D.	UX	1.2	N.D.		13.6	N.D.		19.5	N.D.		19.9	N.D.		20	N.D.		21	N.D.		12	N.D.		12	N.D.	U	20	N.D.	U	20
PCB-176	N.D.	UX	0.691	N.D.		11.7	N.D.		15	N.D.		15.3	N.D.		15	N.D.		16	N.D.		6	N.D.		6	N.D.	U	20	N.D.	U	20
PCB-177	5.77	JXB	N.V.P	N.D.		10.7	N.D.		16.7	N.D.		17	N.D.		17	N.D.		18	N.D.		9.1	N.D.		8.9	N.D.	U	24	N.D.	U	24
PCB-178	1.42	JXBE	N.V.P	N.D.		13.6	N.D.		24.8	N.D.		25.2	N.D.		25	N.D.		27	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-179	3.21	JXBE	N.V.P	N.D.		13.6	N.D.		13.2	N.D.		13.4	N.D.		13	N.D.		14	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-180	18.4	KBC$_{180/19}$	N.V.P	N.D.	C$_{180/193}$	29.2	N.D.	C$_{180/193}$	27.2	N.D.	C$_{180/193}$	27.7	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	29	N.D.	C$_{180/193}$	19	29.0	J B	19	N.D.	U	49	N.D.	U	49
PCB-181	N.D.	UX	1.15	N.D.		12.6	N.D.		19.4	N.D.		19.8	N.D.		20	N.D.		21	N.D.		8	N.D.		7.9	N.D.	U	20	N.D.	U	20
PCB-182	N.D.	UX	1.1	N.D.		12.6	N.D.		22.1	N.D.		22.6	N.D.		23	N.D.		24	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-183	4.37	JXB	N.V.P	N.D.	C$_{183/185}$	27.2	N.D.	C$_{183/185}$	48.5	N.D.	C$_{183/185}$	49.4	N.D.	C$_{183/185}$	49	N.D.	C$_{183/185}$	52	N.D.	C$_{183/185}$	22	N.D.	C$_{183/185}$	22	N.D.	U	42	N.D.	U	42
PCB-184	N.D.	UX	0.765	N.D.		13.6	N.D.		15.1	N.D.		15.4	N.D.		15	N.D.		16	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-185	N.D.	UX	1.16	N.D.	C$_{183/185}$	27.2	N.D.	C$_{183/185}$	48.5	N.D.	C$_{183/185}$	49.4	N.D.	C$_{183/185}$	49	N.D.	C$_{183/185}$	52	N.D.	C$_{183/185}$	22	N.D.	C$_{183/185}$	22	N.D.	U	42	N.D.	U	42
PCB-186	N.D.	UX	0.733	N.D.		14.6	N.D.		16	N.D.		16.3	N.D.		16	N.D.		17	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	20
PCB-187	8.81	JXB	N.V.P	N.D.		16.5	N.D.		19.1	N.D.		19.4	N.D.		19	N.D.		21	N.D.		11	13.0	J I B	11	N.D.	U	38	N.D.	U	38
PCB-188	N.D.	UX	0.756	N.D.		14.6	N.D.		75.9	N.D.		77.3	N.D.		77	N.D.		82	N.D.		47	N.D.		47	N.D.	U	20	N.D.	U	20
PCB-189	N.D.	UX	1.67	N.D.		12.6	N.D.		16.4	N.D.		16.8	N.D.		17	N.D.		18	N.D.		15	N.D.		15	N.D.	U	20	N.D.	U	20
PCB-190	1.79	JXBE	N.V.P	N.D.		13.6	N.D.		18.5	N.D.		18.9	N.D.		19	N.D.		20	N.D.		16	N.D.		16	N.D.	U	20	N.D.	U	20
PCB-191	N.D.	UX	0.968	N.D.		12.6	N.D.		15	N.D.		15.2	N.D.		15	N.D.		16	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-192	N.D.	UX	1.01	N.D.		12.6	N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		18	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-193	18.4	KBC$_{180/19}$	N.V.P	N.D.	C$_{180/193}$	29.2	N.D.	C$_{180/193}$	27.2	N.D.	C$_{180/193}$	27.7	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	29	N.D.	C$_{180/193}$	19	29.0	J B	19	N.D.	U	49	N.D.	U	49
PCB-194	4.94	JXBE	N.V.P	N.D.		17.5	N.D.		26.8	N.D.		27.3	N.D.		27	N.D.		29	N.D.		12	46.0	J B	12	N.D.	U	26	N.D.	U	54
PCB-195	2.31	JXB	N.V.P	N.D.		21.4	N.D.		26.1	N.D.		26.6	N.D.		27	N.D.		28	N.D.		14	N.D.		14	N.D.	U	20	N.D.	U	20
PCB-196	2.79	JXBE	N.V.P	N.D.		19.4	N.D.		22.2	N.D.		22.7	N.D.		23	N.D.		24	N.D.		11	13.0	J I B	11	N.D.	U	20	N.D.	U	20
PCB-197	N.D.	UX	0.573	N.D.	C$_{197/200}$	41.8	N.D.	C$_{197/200}$	74.2	N.D.	C$_{197/200}$	75.6	N.D.	C$_{197/200}$	76	N.D.	C$_{197/200}$	80	N.D.	C$_{197/200}$	14	N.D.	C$_{197/200}$	14	N.D.	U	40	N.D.	U	40
PCB-198	4.87	XBEC$_{198/1}$	N.V.P	N.D.	C$_{198/199}$	36	N.D.	C$_{198/199}$	46.4	N.D.	C$_{198/199}$	47.3	N.D.	C$_{198/199}$	47	N.D.	C$_{198/199}$	50	N.D.	C$_{198/199}$	18	42.0	J B	18	N.D.	U	40	N.D.	U	40
PCB-199	4.87	XBEC$_{198/1}$	N.V.P	N.D.	C$_{198/199}$	36	N.D.	C$_{198/199}$	46.4	N.D.	C$_{198/199}$	47.3	N.D.	C$_{198/199}$	47	N.D.	C$_{198/199}$	50	N.D.	C$_{198/199}$	18	42.0	J B	18	N.D.	U	40	N.D.	U	40
PCB-200	N.D.	UX	0.667	N.D.	C$_{197/200}$	41.8	N.D.	C$_{197/200}$	74.2	N.D.	C$_{197/200}$	75.6	N.D.	C$_{197/200}$	76	N.D.	C$_{197/200}$	80	N.D.	C$_{197/200}$	14	N.D.	C$_{197/200}$	14	N.D.	U	40	N.D.	U	40
PCB-201	0.7	JXBE	N.V.P	N.D.		19.4	N.D.		93.1	N.D.		94.9	N.D.		95	N.D.		100	N.D.		49	N.D.		49	N.D.	U	20	N.D.	U	20
PCB-202	1	JXBE	N.V.P	N.D.		23.3	N.D.		26.3	N.D.		26.8	N.D.		27	N.D.		28	N.D.		9.1	N.D.		8.9	N.D.	U	20	N.D.	U	20
PCB-203	3.4	JXB	N.V.P	N.D.		17.5	N.D.		19.9	N.D.		20.3	N.D.		20	N.D.		21	N.D.		13	15.0	J I B	13	N.D.	U	20	N.D.	U	51
PCB-204	N.D.	UX	0.645	N.D.		20.4	N.D.		21.3	N.D.		21.7	N.D.		22	N.D.		23	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-205	N.D.	UX	1.2	N.D.		14.6	N.D.		26	N.D.		26.5	N.D.		26	N.D.		28	N.D.		7	N.D.		6.9	N.D.	U	20	N.D.	U	20
PCB-206	N.D.	UX	3.02	N.D.		15.5	N.D.		23.6	N.D.		24	N.D.		24	N.D.		25	8.1	J	7	35.0	J B	6.9	N.D.	U	20	N.D.	U	57
PCB-207	N.D.	UX	1.86	N.D.		18.5	N.D.		22.9	N.D.		23.3	N.D.		23	N.D.		25	N.D.		10	N.D.		9.9	N.D.	U	20	N.D.	U	20
PCB-208	N.D.	UX	2.01	N.D.		15.5	N.D.		24.7	N.D.		25.1	N.D.		25	N.D.		27	N.D.		55	N.D.		55	N.D.	U	31	N.D.	U	31
PCB-209	N.D.	UX	1.06	20.9	J	15.5	N.D.		340	N.D.		347	N.D.		350	N.D.		370	N.D.		240	N.D.		240	N.D.	U	40	N.D.	U	40

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
nethod blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-03																																
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																																	
Total PCBs	813.73	-	-	31.6	-	-	N.D.	-	-	247.53	-	-	41	-	-	N.D.	-	-	155	-	-	10	-	-	N.D.	-	-	N.D.	-	-
PCB-1	N.D.	UX	2.28	N.D.		9.74	N.D.		49.5	N.D.		47.6	N.D.		50	N.D.		49	N.D.		17	N.D.		17	N.D.	U	46	N.D.	U	39
PCB-2	13.5	X	N.V.P.	N.D.		6.82	N.D.		72.5	N.D.		69.8	N.D.		73	N.D.		71	N.D.		15	N.D.		15	N.D.	U	23	N.D.	U	29
PCB-3	15.1	X	N.V.P.	N.D.		10.7	N.D.		40.8	N.D.		39.2	N.D.		41	N.D.		40	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	29
PCB-4	N.D.	UX	4.67	N.D.		12.7	N.D.		4.9	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		21	N.D.		21	N.D.	U	33	N.D.	U	28
PCB-5	N.D.	UX	3.49	N.D.		7.79	N.D.		7.68	N.D.		7.39	N.D.		7.7	N.D.		7.6	N.D.		19	N.D.		19	N.D.	U	23	N.D.	U	19
PCB-6	N.D.	UX	3.58	N.D.		6.82	N.D.		13.7	N.D.		13.2	N.D.		14	N.D.		14	49	I	17	N.D.		17	N.D.	U	23	N.D.	U	19
PCB-7	N.D.	UX	3.34	N.D.		7.79	N.D.		8.12	N.D.		7.81	N.D.		8.1	N.D.		8	N.D.		15	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-8	N.D.	UX	3.56	N.D.		14.6	N.D.		10.3	N.D.		9.91	N.D.		10	N.D.		10	N.D.		15	N.D.		15	N.D.	U	33	N.D.	U	28
PCB-9	N.D.	UX	3.81	N.D.		6.82	N.D.		8.6	N.D.		8.27	N.D.		8.6	N.D.		8.5	N.D.		16	N.D.		16	N.D.	U	23	N.D.	U	19
PCB-10	N.D.	UX	3.11	N.D.		12.7	N.D.		5.3	N.D.		5.1	N.D.		5.3	N.D.		5.2	N.D.		21	N.D.		21	N.D.	U	23	N.D.	U	19
PCB-11	18.3	X	N.V.P.	N.D.		33.1	N.D.		133	N.D.		128	N.D.		130	N.D.		130	N.D.		100	N.D.		110	N.D.	U	69	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	3.58	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	21.7	N.D.	$C_{12/13}$	20.8	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	32	N.D.	$C_{12/13}$	32	N.D.	U	23	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	3.58	N.D.	$C_{12/13}$	18.5	N.D.	$C_{12/13}$	21.7	N.D.	$C_{12/13}$	20.8	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	32	N.D.	$C_{12/13}$	32	N.D.	U	23	N.D.	U	19
PCB-14	N.D.	UX	3.11	N.D.		7.79	N.D.		1.96	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		19	N.D.		19	N.D.	U	23	N.D.	U	19
PCB-15	N.D.	UX	4.07	N.D.		15.6	N.D.		8.32	N.D.		8.01	N.D.		8.3	N.D.		8.2	N.D.		19	N.D.		19	N.D.	U	23	N.D.	U	19
PCB-16	N.D.	UX	7.56	N.D.		8.76	N.D.		1.96	N.D.		5.02	N.D.		5.2	N.D.		5.1	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19
PCB-17	N.D.	UX	5.1	N.D.		8.76	N.D.		6.01	N.D.		5.78	N.D.		6	N.D.		5.9	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-18	N.D.	$UXC_{18/30}$	4.35	N.D.	$C_{18/30}$	15.6	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	9.43	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	9.6	N.D.	$C_{18/30}$	23	N.D.	$C_{18/30}$	23	N.D.	U	46	N.D.	U	39
PCB-19	N.D.	UX	5.76	N.D.		7.79	N.D.		4.9	9.94	J	4.72	N.D.		4.9	N.D.		4.8	N.D.		10	N.D.		11	N.D.	U	28	N.D.	U	23
PCB-20	N.D.	$UXC_{20/28}$	3.39	N.D.	$C_{20/28}$	21.4	N.D.	$C_{20/28}$	16	30.7	$JC_{20/28}$	15.4	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	26	N.D.	$C_{20/28}$	27	N.D.	U	46	N.D.	U	39
PCB-21	N.D.	$UXC_{21/33}$	3.31	N.D.	$C_{21/33}$	20.4	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	9.43	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	9.6	N.D.	$C_{21/33}$	27	N.D.	$C_{21/33}$	28	N.D.	U	46	N.D.	U	39
PCB-22	N.D.	UX	3.55	N.D.		8.76	N.D.		5.81	9.29	J	5.59	N.D.		5.8	N.D.		5.7	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19
PCB-23	N.D.	UX	3.34	N.D.		6.82	N.D.		4.94	N.D.		4.75	N.D.		4.9	N.D.		4.9	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-24	N.D.	UX	3.72	N.D.		9.74	N.D.		4.9	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		16	N.D.		16	N.D.	U	23	N.D.	U	19
PCB-25	N.D.	UX	3.3	N.D.		7.79	N.D.		4.9	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	3.34	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	28.8	N.D.	$C_{26/29}$	27.7	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	34	N.D.	$C_{26/29}$	35	N.D.	U	46	N.D.	U	39
PCB-27	N.D.	UX	3.76	N.D.		7.79	N.D.		4.9	6.1	J	4.72	N.D.		4.9	N.D.		4.8	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-28	N.D.	$UXC_{20/28}$	3.39	N.D.	$C_{20/28}$	21.4	N.D.	$C_{20/28}$	16	30.7	$JC_{20/28}$	15.4	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	26	N.D.	$C_{20/28}$	27	N.D.	U	46	N.D.	U	39
PCB-29	N.D.	$UXC_{26/29}$	3.34	N.D.	$C_{26/29}$	11.7	N.D.	$C_{26/29}$	28.8	N.D.		27.7	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	34	N.D.	$C_{26/29}$	35	N.D.	U	46	N.D.	U	39
PCB-30	N.D.	$UXC_{18/30}$	4.35	N.D.	$C_{18/30}$	15.6	N.D.	$C_{18/30}$	9.8	N.D.		9.43	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	9.6	N.D.	$C_{18/30}$	23	N.D.	$C_{18/30}$	23	N.D.	U	46	N.D.	U	39
PCB-31	N.D.	UX	3.24	N.D.		17.5	N.D.		11.5	23.9	J	11	N.D.		11	N.D.		11	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	41
PCB-32	N.D.	UX	3.6	N.D.		7.79	N.D.		4.97	25.3	J	4.78	N.D.		5	N.D.		4.9	N.D.		7.5	N.D.		7.7	N.D.	U	23	N.D.	U	19
PCB-33	N.D.	$UXC_{21/33}$	3.31	N.D.	$C_{21/33}$	20.4	N.D.	$C_{21/33}$	9.8	N.D.		9.43	N.D.		9.8	N.D.		9.6	N.D.	$C_{21/33}$	27	N.D.	$C_{21/33}$	17	N.D.	U	46	N.D.	U	39
PCB-34	N.D.	UX	3.47	N.D.		6.82	N.D.		5.72	N.D.		5.5	N.D.		5.7	N.D.		5.6	N.D.		16	N.D.		16	N.D.	U	23	N.D.	U	19
PCB-35	N.D.	UX	3.64	N.D.		8.76	N.D.		4.9	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		18	N.D.		18	N.D.	U	23	N.D.	U	19
PCB-36	N.D.	UX	3.2	N.D.		7.79	N.D.		7.02	N.D.		6.75	N.D.		7	N.D.		6.9	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19
PCB-37	N.D.	UX	4.2	N.D.		9.74	N.D.		5.65	N.D.		5.43	N.D.		5.7	N.D.		5.6	N.D.		7.5	N.D.		7.7	N.D.	U	23	N.D.	U	24
PCB-38	N.D.	UX	3.51	N.D.		6.82	N.D.		4.9	N.D.		4.72	N.D.		4.9	N.D.		4.8	N.D.		16	N.D.		16	N.D.	U	23	N.D.	U	19
PCB-39	N.D.	UX	3.19	N.D.		7.79	N.D.		6.08	N.D.		5.85	N.D.		6.1	N.D.		6	N.D.		17	N.D.		17	N.D.	U	23	N.D.	U	19
PCB-40	N.D.	$UXC_{40/71}$	2.13	N.D.	$C_{40/71}$	40.9	N.D.	$C_{40/71}$	19.7	20.3	$JC_{40/71}$	19	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	15	N.D.	$C_{40/71}$	15	N.D.	U	46	N.D.	U	39
PCB-41	N.D.	UX	2.27	N.D.		40.9	N.D.		12.9	N.D.		12.5	N.D.		13	N.D.		13	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-42	N.D.	UX	2.28	N.D.		15.6	N.D.		13.9	13.9	J	13.4	N.D.		14	N.D.		14	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19
PCB-43	N.D.	UX	3.23	N.D.		13.6	N.D.		9.8	N.D.		9.43	N.D.		9.8	N.D.		9.6	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-44	26.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	38.1	39.4	$JC_{44/47/65}$	36.7	N.D.	$JC_{44/7/65}$	38	N.D.	$JC_{44/7/65}$	38	N.D.	$C_{44/47/65}$	23	N.D.	$C_{44/47/65}$	23	N.D.	U	69	N.D.	U	65
PCB-45	N.D.	UX	1.8	N.D.		21.4	N.D.		11.4	N.D.		10.9	N.D.		11	N.D.		11	N.D.		17	N.D.		17	N.D.	U	23	N.D.	U	19
PCB-46	N.D.	UX	2.53	N.D.		9.74	N.D.		9.8	N.D.		9.43	N.D.		9.8	N.D.		9.6	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-47	26.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	38.1	39.4	$JC_{44/47/65}$	36.7	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	23	N.D.	$C_{44/47/65}$	23	N.D.	U	69	N.D.	U	65
PCB-48	N.D.	UX	2.07	N.D.		13.6	N.D.		12.4	N.D.		11.9	N.D.		12	N.D.		12	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19
PCB-49	2.58	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.3	N.D.	$C_{49/69}$	24.7	N.D.	$C_{19/69}$	23.8	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	17	N.D.	$C_{49/69}$	17	N.D.	U	46	N.D.	U	39
PCB-50	N.D.	$UXC_{50/53}$	2.07	N.D.	$C_{50/53}$	24.3	N.D.	$C_{50/53}$	92.8	N.D.	$C_{50/53}$	89.3	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	91	N.D.	$C_{50/53}$	86	N.D.	$C_{50/53}$	88	N.D.	U	46	N.D.	U	39
PCB-51	74.3	X	N.V.P.	N.D.		21.4	N.D.		31	N.D.		29.8	N.D.		31	N.D.		30	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	19
PCB-52	5.51	JX	N.V.P.	N.D.		14.6	N.D.		20.7	34.8	J	19.9	N.D.		21	N.D.		20	12	J I	11	N.D.		12	N.D.	U	23	N.D.	U	64
PCB-53	N.D.	$UXC_{50/53}$	2.07	N.D.	$C_{50/53}$	24.3	N.D.	$C_{50/53}$	92.8	N.D.	$C_{50/53}$	89.3	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	91	N.D.	$C_{50/53}$	86	N.D.	$C_{50/53}$	88	N.D.	U	46	N.D.	U	39
PCB-54	N.D.	UX	2.31	N.D.		13.6	N.D.		9.8	N.D.		9.43	N.D.		9.8	N.D.		9.6	N.D.		17	N.D.		17	N.D.	U	23	N.D.	U	19
PCB-55	N.D.	UX	2.31	N.D.		11.7	N.D.		12.1	N.D.		11.6	N.D.		12	N.D.		12	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-56	N.D.	UX	2.34	N.D.		14.6	N.D.		10.6	N.D.		10.2	N.D.		11	N.D.		10	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19
PCB-57	N.D.	UX	2.27	N.D.		10.7	N.D.		13.4	N.D.		12.9	N.D.		13	N.D.		13	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19
PCB-58	N.D.	UX	2.2	N.D.		13.6	N.D.		12.7	N.D.		12.3	N.D.		13	N.D.		13	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-59	N.D.	$JXC_{59/62/7}$	1.54	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	40.9	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	24	N.D.	$C_{59/62/75}$	24	N.D.	U	69	N.D.	U	58
PCB-60	N.D.	UX	2.28	N.D.		13.6	N.D.		12.4	N.D.		11.9	N.D.		12	N.D.		12	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19
PCB-61	4.87	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.4	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	28	N.D.	$C_{61/70/74/76}$	29	N.D.	U	92	N.D.	U	78
PCB-62	N.D.	$JXC_{59/62/7}$	1.54	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	40.9	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	24	N.D.	$C_{59/62/75}$	24	N.D.	U	69	N.D.	U	58
PCB-63	N.D.	UX	2.01	N.D.		11.7	N.D.		12.6	N.D.		12.2	N.D.		13	N.D.		12	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	19
PCB-64	N.D.	UX	1.45	N.D.		12.7	N.D.		10.8	20.5	J	10.4	N.D.		11	N.D.		11	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19
PCB-65	26.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.9	N.D.	$C_{44/47/65}$	38.1	39.4	$JC_{44/47/65}$	36.7	N.D.	$JC_{44/47/65}$	38	N.D.	$JC_{44/47/65}$	38	N.D.	$C_{44/47/65}$	23	N.D.	$C_{44/47/65}$	23	N.D.	U	69	N.D.	U	65
PCB-66	2.5	JX	N.V.P.	N.D.		16.6	N.D.		10.8	13.4	J	10.4	N.D.		11	N.D.		11	10	J	10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-67	N.D.	UX	2.15	N.D.		11.7	N.D.		12.1	N.D.		11.6	N.D.		12	N.D.		12	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-68	6.87	JX		N.D.		13.6	N.D.		15	N.D.		14.4	N.D.		15	N.D.		15	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19
PCB-69	2.58	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.3	N.D.	$C_{49/69}$	24.7	N.D.	$C_{19/69}$	23.8	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	17	N.D.	$C_{49/69}$	17	N.D.	U	46	N.D.	U	39
PCB-70	4.87	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.4	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	28	N.D.	$C_{61/70/74/76}$	29	N.D.	U	92	N.D.	U	78
PCB-71	N.D.	$UXC_{40/71}$	2.13	N.D.	$C_{40/71}$	40.9	N.D.	$C_{40/71}$	19.7	20.3	J	19	N.D.		20	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	15	N.D.	$C_{40/71}$	15	N.D.	U	46	N.D.	U	39
PCB-72	N.D.	UX	2.2	N.D.		12.7	N.D.		15.4	N.D.		14.8	N.D.		15	N.D.		15	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19
PCB-73	N.D.	UX	1.41	N.D.		13.6	N.D.		20.4	N.D.		19.6	N.D.		20	N.D.		20	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19
PCB-74	4.87	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.4	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	28	N.D.	$C_{61/70/74/76}$	29	N.D.	U	92	N.D.	U	78
PCB-75	N.D.	$JXC_{59/62/7}$	1.54	N.D.	$C_{59/62/75}$	36	N.D.	$C_{59/62/75}$	40.9	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	24	N.D.	$C_{59/62/75}$	24	N.D.	U	69	N.D.	U	58
PCB-76	4.87	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.4	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	28	N.D.	$C_{61/70/74/76}$	29	N.D.	U	92	N.D.	U	78
PCB-77	N.D.	UX	2.66	N.D.		13.6	N.D.		10.3	N.D.		9.91	N.D.		10	N.D.		10	N.D.		18	N.D.		18	N.D.	U	23	N.D.	U	19
PCB-78	N.D.	UX	2.44	N.D.		15.6	N.D.		13.8	N.D.		13.3	N.D.		14	N.D.		14	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-79	N.D.	UX	2.05	N.D.		12.7	N.D.		13.9	N.D.		13.4	N.D.		14	N.D.		14	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19
PCB-80	N.D.	UX	1.97	N.D.		10.7	N.D.		16.3	N.D.		15.7	N.D.		16	N.D.		16	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19
PCB-81	N.D.	UX	2.57	N.D.		17.5	N.D.		9.8	N.D.		9.43	N.D.		9.8	N.D.		9.6	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19
PCB-82	N.D.	UX	1.64	N.D.		14.6	N.D.		12.1	N.D.		11.6	N.D.		12	N.D.		12	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	19
PCB-83	N.D.	UX	1.47	N.D.		28.2	N.D.		12.4	N.D.		11.9	N.D.		12	N.D.		12	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-84	2.08	JXE	N.V.P.	N.D.		10.7	N.D.		11.7	N.D.		11.2	N.D.		12	N.D.		11	N.D.		24	N.D.		24	N.D.	U	23	N.D.	U	19
PCB-85	N.D.	$UXC_{85/116/}$	1.38	N.D.	$C_{85/116/117}$	37	N.D.	$C_{85/116/117}$	66.7	N.D.	$C_{85/116/117}$	64.2	N.D.	$C_{85/116/117}$	67	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	32	N.D.	$C_{85/116/117}$	33	N.D.	U	69	N.D.	U	58
PCB-86	5.29	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$C_{87/97/109/11}$	72.1	N.D.	$C_{87/97/109/11}$	125	N.D.	$C_{87/97/109/11}$	121	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	120	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	140	N.D.	U	120
PCB-87	5.29	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$C_{87/97/109/11}$	72.1	N.D.	$C_{87/97/109/11}$	125	N.D.	$C_{87/97/109/11}$	121	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	120	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	140	N.D.	U	120
PCB-88	N.D.	UX	1.3	N.D.		21.4	N.D.		14.6	N.D.		14.1	N.D.		15	N.D.		14	N.D.		16	N.D.		16	N.D.	U	23	N.D.	U	19
PCB-89	N.D.	UX	1.51	N.D.		12.7	N.D.		14.6	N.D.		14.1	N.D.		15	N.D.		14	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-90	6.93	$BEC_{90/101/}$	N.V.P.	N.D.	$C_{90/101/113}$	45.8	N.D.	$C_{90/101/113}$	40.5	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	38	N.D.	$C_{90/101/113}$	39	N.D.	U	69	N.D.	U	58
PCB-91	N.D.	UX	1.42	N.D.		21.4	N.D.		11.7	N.D.		11.2	N.D.		12	N.D.		11	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19
PCB-92	N.D.	UX	1.45	N.D.		12.7	N.D.		15.3	N.D.		14.7	N.D.		15	N.D.		15	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19
PCB-93	N.D.	$UXC_{93/100}$	1.29	N.D.	$C_{93/100}$	75	N.D.	$C_{93/100}$	30.2	N.D.	$C_{93/100}$	29.1	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	24	N.D.	$C_{93/100}$	24	N.D.	U	46	N.D.	U	39
PCB-94	N.D.	UX	1.51	N.D.		12.7	N.D.		13.6	N.D.		13.1	N.D.		14	N.D.		13	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	19
PCB-95	9.85	JBXE	N.V.P.	N.D.		75	N.D.		15.1	N.D.		14.5	41	J I B	15	N.D.		15	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19
PCB-96	N.D.	UX	1.26	N.D.		14.6	N.D.		12.6	N.D.		12.2	N.D.		13	N.D.		12	N.D.		17	N.D.		17	N.D.	U	23	N.D.	U	19
PCB-97	5.29	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$C_{87/97/109/11}$	72.1	N.D.	$C_{87/97/109/11}$	125	N.D.	$C_{87/97/109/11}$	121	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	120	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	140	N.D.	U	120
PCB-98	N.D.	UX	1.98	N.D.	$C_{98/102}$	75	N.D.	$C_{98/102}$	40.5	N.D.	$C_{98/102}$	39	N.D.	$C_{98/102}$	41	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	27	N.D.	$C_{98/102}$	28	N.D.	U	46	N.D.	U	39
PCB-99	2.17	JX	N.V.P.	N.D.		28.2	N.D.		14.3	N.D.		13.8	N.D.		14	N.D.		14	16	J I	11	N.D.		12	N.D.	U	23	N.D.	U	19
PCB-100	N.D.	$UXC_{93/100}$	1.29	N.D.	$C_{93/100}$	75	N.D.	$C_{93/100}$	30.2	N.D.	$C_{93/100}$	29.1	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	24	N.D.	$C_{93/100}$	24	N.D.	U	46	N.D.	U	39
PCB-101	6.93	$BEC_{90/101/}$	N.V.P.	N.D.	$C_{90/101/113}$	45.8	N.D.	$C_{90/101/113}$	40.5	N.D.	$C_{90/101/113}$	39

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-03																																
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025				
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water				
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL		
PCBs (Method 1668A) pg/L																																	
PCB-152	N.D.	UX	0.648	N.D.		13.6	N.D.		14.3	N.D.		13.8	N.D.		14	N.D.		14	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19			
PCB-153	22.7	$XBC_{153/168}$	N.V.P.	31.6	$JBC_{153/168}$	29.2	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	28.9	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	30	22	JI $C_{153/168}$	17	N.D.		17	N.D.	U	59	N.D.	U	50			
PCB-154	N.D.	UX	0.698	N.D.		44.8	N.D.		45.9	N.D.		44.2	N.D.		46	N.D.		45	N.D.		42	N.D.		44	N.D.	U	23	N.D.	U	19			
PCB-155	N.D.	UX	0.717	N.D.		13.6	N.D.		15.4	N.D.		14.8	N.D.		15	N.D.		15	N.D.		19	N.D.		19	N.D.	U	23	N.D.	U	19			
PCB-156	5.12	$XBC_{156/15}$	N.V.P.	N.D.	$C_{156/157}$	22.4	N.D.	$C_{156/157}$	34.2	N.D.	$C_{156/157}$	32.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	27	N.D.	$C_{156/157}$	28	N.D.	U	23	N.D.	U	39			
PCB-157	5.12	$XBC_{156/15}$	N.V.P.	N.D.	$C_{156/157}$	22.4	N.D.	$C_{156/157}$	34.2	N.D.	$C_{156/157}$	32.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	27	N.D.	$C_{156/157}$	28	N.D.	U	46	N.D.	U	39			
PCB-158	3.21	JBX	N.V.P.	N.D.		15.6	N.D.		18.3	N.D.		17.6	N.D.		18	N.D.		18	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19			
PCB-159	1.57	JX	N.V.P.	N.D.		13.6	N.D.		19.7	N.D.		19	N.D.		20	N.D.		18	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19			
PCB-160	N.D.	UX	0.685	N.D.		61.3	N.D.		19.4	N.D.		18.7	N.D.		19	N.D.		19	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19			
PCB-161	N.D.	UX	0.604	N.D.		12.7	N.D.		17	N.D.		16.3	N.D.		17	N.D.		17	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19			
PCB-162	N.D.	UX	0.872	N.D.		12.7	N.D.		19.2	N.D.		18.5	N.D.		19	N.D.		19	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19			
PCB-163	33.2	$BC_{129/138/1}$	N.V.P.	N.D.	$C_{129/138/16}$	61.3	N.D.	$C_{129/138/16}$	51.3	N.D.	$C_{129/138/16}$	49.3	N.D.	$C_{129/138/16}$	51	N.D.	$C_{129/138/16}$	50	N.D.	$C_{129/138/1}$ 63	27	N.D.	$C_{129/138/1}$ 63	28	N.D.	U	81	N.D.	U	39			
PCB-164	2.67	JXB	N.V.P.	N.D.		14.6	N.D.		17.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		6.6	N.D.		6.8	N.D.	U	23	N.D.	U	19			
PCB-165	N.D.	UX	0.653	N.D.		12.7	N.D.		17	N.D.		16.3	N.D.		17	N.D.		17	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19			
PCB-166	5.47	$BXC_{128/16}$	N.V.P.	N.D.	$C_{128/166}$	28.2	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	37.5	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	38	N.D.	$C_{128/166}$	17	N.D.	$C_{128/166}$	17	N.D.	U	46	N.D.	U	39			
PCB-167	1.48	JX	N.V.P.	N.D.		12.7	N.D.		16.7	N.D.		16	N.D.		17	N.D.		16	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19			
PCB-168	22.7	$XBC_{153/168}$	N.V.P.	31.6	$JBC_{153/168}$	29.2	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	28.9	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	36	22	JI $C_{153/168}$	17	N.D.		17	N.D.	U	59	N.D.	U	50			
PCB-169	N.D.	UX	0.929	N.D.		14.6	N.D.		18.2	N.D.		17.5	N.D.		18	N.D.		18	N.D.		17	N.D.		17	N.D.	U	23	N.D.	U	19			
PCB-170	55.1	XB	N.V.P.	N.D.		11.7	N.D.		17.4	N.D.		16.7	N.D.		17	N.D.		17	N.D.		10	N.D.		11	N.D.	U	48	N.D.	U	41			
PCB-171	9.44	$XBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	29.2	N.D.	$C_{171/173}$	36.9	N.D.	$C_{171/173}$	35.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	15	N.D.	$C_{171/173}$	15	N.D.	U	46	N.D.	U	39			
PCB-172	6.17	JX	N.V.P.	N.D.		12.7	N.D.		15.5	N.D.		14.9	N.D.		15	N.D.		15	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19			
PCB-173	9.44	$XBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	29.2	N.D.	$C_{171/173}$	36.9	N.D.	$C_{171/173}$	35.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	15	N.D.	$C_{171/173}$	15	N.D.	U	46	N.D.	U	39			
PCB-174	32.2	XB	N.V.P.	N.D.		14.6	N.D.		17.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		10	N.D.		11	N.D.	U	54	N.D.	U	46			
PCB-175	N.D.	UX	1.29	N.D.		13.6	N.D.		20.5	N.D.		19.7	N.D.		21	N.D.		20	N.D.		11	N.D.		12	N.D.	U	23	N.D.	U	19			
PCB-176	2.2	JX	N.V.P.	N.D.		11.7	N.D.		15.8	N.D.		15.2	N.D.		16	N.D.		16	N.D.		5.6	N.D.		5.8	N.D.	U	23	N.D.	U	19			
PCB-177	18	XB	N.V.P.	N.D.		10.7	N.D.		17.5	N.D.		16.9	N.D.		18	N.D.		17	N.D.		8.5	N.D.		8.7	N.D.	U	28	N.D.	U	23			
PCB-178	4.1	JXB	N.V.P.	N.D.		13.6	N.D.		26	N.D.		25	N.D.		26	N.D.		26	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19			
PCB-179	6.71	JXB	N.V.P.	N.D.		13.6	N.D.		13.8	N.D.		13.3	N.D.		14	N.D.		14	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19			
PCB-180	105	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29.2	N.D.	$C_{180/193}$	28.5	N.D.	$C_{180/193}$	27.5	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	18	N.D.	$C_{180/193}$	18	N.D.	U	58	N.D.	U	49			
PCB-181	N.D.	UX	1.24	N.D.		12.7	N.D.		20.4	N.D.		19.6	N.D.		20	N.D.		20	N.D.		7.5	N.D.		7.7	N.D.	U	23	N.D.	U	19			
PCB-182	N.D.	UX	1.19	N.D.		12.7	N.D.		23.2	N.D.		22.4	N.D.		23	N.D.		23	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19			
PCB-183	11.4	XB	N.V.P.	N.D.	$C_{183/185}$	27.3	N.D.	$C_{183/185}$	50.9	N.D.	$C_{183/185}$	49	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	21	N.D.	$C_{183/185}$	21	N.D.	U	48	N.D.	U	41			
PCB-184	N.D.	UX	0.75	N.D.		13.6	N.D.		15.9	N.D.		15.3	N.D.		16	N.D.		16	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19			
PCB-185	2.33	JX	N.V.P.	N.D.	$C_{183/185}$	27.3	N.D.	$C_{183/185}$	50.9	N.D.	$C_{183/185}$	49	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	21	N.D.	$C_{183/185}$	21	N.D.	U	48	N.D.	U	41			
PCB-186	N.D.	UX	0.718	N.D.		14.6	N.D.		16.8	N.D.		16.1	N.D.		17	N.D.		16	N.D.		10	N.D.		11	N.D.	U	23	N.D.	U	19			
PCB-187	21.6	XB	N.V.P.	N.D.		16.6	N.D.		20	N.D.		19.2	N.D.		20	N.D.		20	N.D.		10	N.D.		11	N.D.	U	44	N.D.	U	37			
PCB-188	N.D.	UX	0.741	N.D.		14.6	N.D.		79.6	N.D.		76.6	N.D.		80	N.D.		78	N.D.		44	N.D.		45	N.D.	U	23	N.D.	U	19			
PCB-189	2.62	JX	N.V.P.	N.D.		12.7	N.D.		17.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		14	N.D.		15	N.D.	U	23	N.D.	U	19			
PCB-190	11.7	XB	N.V.P.	N.D.		13.6	N.D.		19.4	N.D.		18.7	N.D.		19	N.D.		19	N.D.		15	N.D.		15	N.D.	U	23	N.D.	U	19			
PCB-191	1.29	JXE	N.V.P.	N.D.		12.7	N.D.		15.7	N.D.		15.1	N.D.		16	N.D.		15	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19			
PCB-192	N.D.	UX	1.09	N.D.		12.7	N.D.		17.6	N.D.		17	N.D.		18	N.D.		17	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19			
PCB-193	105	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29.2	N.D.	$C_{180/193}$	28.5	N.D.	$C_{180/193}$	27.5	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	18	N.D.	$C_{180/193}$	18	N.D.	U	58	N.D.	U	49			
PCB-194	47.6	XB	N.V.P.	N.D.		17.5	N.D.		28.1	N.D.		27.1	N.D.		28	N.D.		28	N.D.		11	N.D.		12	N.D.	U	30	N.D.	U	53			
PCB-195	17.4	XB	N.V.P.	N.D.		21.4	N.D.		27.4	N.D.		26.3	N.D.		27	N.D.		27	N.D.		13	N.D.		14	N.D.	U	23	N.D.	U	19			
PCB-196	21.2	XB	N.V.P.	N.D.		19.5	N.D.		23.3	N.D.		22.5	N.D.		23	N.D.		23	11	J I	10	N.D.		11	N.D.	U	23	N.D.	U	19			
PCB-197	N.D.	UX	0.543	N.D.	$C_{197/200}$	41.9	N.D.	$C_{197/200}$	77.8	N.D.	$C_{197/200}$	74.9	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	13	N.D.	$C_{197/200}$	14	N.D.	U	46	N.D.	U	39			
PCB-198	37.9	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	36	N.D.	$C_{198/199}$	48.7	N.D.	$C_{198/199}$	46.9	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	17	N.D.	$C_{198/199}$	17	N.D.	U	46	N.D.	U	39			
PCB-199	37.9	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	36	N.D.	$C_{198/199}$	48.7	N.D.	$C_{198/199}$	46.9	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	17	N.D.	$C_{198/199}$	17	N.D.	U	46	N.D.	U	39			
PCB-200	3.1	JX	N.V.P.	N.D.	$C_{197/200}$	41.9	N.D.	$C_{197/200}$	77.8	N.D.	$C_{197/200}$	74.9	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	13	N.D.	$C_{197/200}$	14	N.D.	U	46	N.D.	U	39			
PCB-201	1.83	JXBE	N.V.P.	N.D.		19.5	N.D.		97.6	N.D.		94	N.D.		98	N.D.		96	N.D.		46	N.D.		47	N.D.	U	23	N.D.	U	19			
PCB-202	2.1	JXBE	N.V.P.	N.D.		23.4	N.D.		27.5	N.D.		26.5	N.D.		28	N.D.		27	N.D.		8.5	N.D.		8.7	N.D.	U	23	N.D.	U	19			
PCB-203	23.8	XB	N.V.P.	N.D.		17.5	N.D.		20.9	N.D.		20.1	N.D.		21	N.D.		21	N.D.		12	N.D.		13	N.D.	U	23	N.D.	U	50			
PCB-204	N.D.	UX	0.612	N.D.		20.4	N.D.		22.4	N.D.		21.5	N.D.		22	N.D.		22	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19			
PCB-205	2.88	JX	N.V.P.	N.D.		14.6	N.D.		27.3	N.D.		26.2	N.D.		27	N.D.		27	N.D.		6.6	N.D.		6.8	N.D.	U	23	N.D.	U	19			
PCB-206	11.4	X	N.V.P.	N.D.		15.6	N.D.		24.7	N.D.		23.8	N.D.		25	N.D.		24	N.D.		6.6	10	J B	6.8	N.D.	U	23	N.D.	U	56			
PCB-207	N.D.	UX	1.69	N.D.		18.5	N.D.		24	N.D.		23.1	N.D.		24	N.D.		24	N.D.		9.4	N.D.		9.7	N.D.	U	23	N.D.	U	19			
PCB-208	N.D.	UX	1.82	N.D.		15.6	N.D.		25.9	N.D.		24.9	N.D.		26	N.D.		25	N.D.		52	N.D.		53	N.D.	U	36	N.D.	U	30			
PCB-209	1.13	JXE	N.V.P.	N.D.		15.6	N.D.		357	N.D.		343	N.D.		360	N.D.		350	N.D.		230	N.D.		230	N.D.	U	46	N.D.	U	39			

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D.	Analyte was not detected
	Substance was detected in the method blank, not considered to represent actual groundwater conditions
N.S.	Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-04						MW-04R																							
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
Total PCBs	2233.12	-	-	N.S.	-	-	33.7	-	-	134.3	-	-	40	-	-	5.1	-	-	N.D.	-	-	359.2	-	-	N.D.	-	-	N.D.	-	-
PCB-1	N.D.	UX	1.94	N.S.			N.D.		48.1	N.D.		49	N.D.		49	N.D.		49	N.D.		20	N.D.		17	N.D.	U	44	N.D.	U	45
PCB-2	N.D.	UX	2.22	N.S.			N.D.		70.5	N.D.		71.8	N.D.		72	N.D.		72	N.D.		17	N.D.		16	N.D.	U	22	N.D.	U	34
PCB-3	N.D.	UX	2.52	N.S.			N.D.		39.6	N.D.		40.4	N.D.		40	N.D.		40	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	34
PCB-4	N.D.	UX	3.44	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	5.1	J I	4.8	N.D.		24	N.D.		21	N.D.	U	32	N.D.	U	33
PCB-5	N.D.	UX	4.5	N.S.			N.D.		7.46	N.D.		7.6	N.D.		7.6	N.D.		7.6	N.D.		22	N.D.		19	N.D.	U	22	N.D.	U	23
PCB-6	N.D.	UX	4.62	N.S.			N.D.		13.3	N.D.		13.6	N.D.		14	N.D.		14	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-7	N.D.	UX	4.31	N.S.			N.D.		7.89	N.D.		8.04	N.D.		8	N.D.		8	N.D.		17	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-8	N.D.	UX	4.59	N.S.			N.D.		10	N.D.		10.2	N.D.		10	N.D.		10	N.D.		17	N.D.		16	N.D.	U	32	N.D.	U	33
PCB-9	N.D.	UX	4.91	N.S.			N.D.		8.35	N.D.		8.51	N.D.		8.5	N.D.		8.5	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-10	N.D.	UX	2.29	N.S.			N.D.		5.15	N.D.		5.25	N.D.		5.3	N.D.		5.2	N.D.		24	N.D.		21	N.D.	U	22	N.D.	U	23
PCB-11	11.8	X	N.V.P.	N.S.			N.D.		130	N.D.		132	N.D.		130	N.D.		130	N.D.		120	N.D.		110	N.D.	U	66	N.D.	U	140
PCB-12	N.D.	UXC$_{12/13}$	4.62	N.S.			N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	21.5	N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	37	N.D.	C$_{12/13}$	33	N.D.	U	22	N.D.	U	23
PCB-13	N.D.	UXC$_{12/13}$	4.62	N.S.			N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	21.5	N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	21	N.D.	C$_{12/13}$	37	N.D.	C$_{12/13}$	33	N.D.	U	22	N.D.	U	23
PCB-14	N.D.	UX	4.02	N.S.			N.D.		1.9	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		22	N.D.		19	N.D.	U	22	N.D.	U	23
PCB-15	N.D.	UX	5.25	N.S.			N.D.		8.09	N.D.		8.24	N.D.		8.2	N.D.		8.2	N.D.		22	N.D.		19	N.D.	U	22	N.D.	U	23
PCB-16	N.D.	UX	8.39	N.S.			N.D.		1.9	N.D.		5.17	N.D.		5.2	N.D.		5.1	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-17	N.D.	UX	5.66	N.S.			N.D.		5.84	N.D.		5.95	N.D.		6	N.D.		5.9	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-18	N.D.	UXC$_{18/30}$	4.83	N.S.			N.D.	C$_{18/30}$	9.52	N.D.	C$_{18/30}$	9.71	N.D.	C$_{18/30}$	9.7	N.D.	C$_{18/30}$	9.7	N.D.	C$_{18/30}$	26	N.D.	C$_{18/30}$	23	N.D.	U	44	N.D.	U	45
PCB-19	N.D.	UX	6.39	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		12	N.D.		11	N.D.	U	26	N.D.	U	27
PCB-20	4.25	JXC$_{20/28}$	N.V.P.	N.S.			N.D.	C$_{20/28}$	15.5	N.D.	C$_{20/28}$	15.8	N.D.	C$_{20/28}$	16	N.D.	C$_{20/28}$	16	N.D.	C$_{20/28}$	31	N.D.	C$_{20/28}$	27	N.D.	U	44	N.D.	U	45
PCB-21	N.D.	UXC$_{21/33}$	3.17	N.S.			N.D.	C$_{21/33}$	9.52	N.D.	C$_{21/33}$	9.71	N.D.	C$_{21/33}$	9.7	N.D.	C$_{21/33}$	9.7	N.D.	C$_{21/33}$	32	N.D.	C$_{21/33}$	28	N.D.	U	44	N.D.	U	45
PCB-22	N.D.	UX	3.39	N.S.			N.D.		5.65	N.D.		5.76	N.D.		5.8	N.D.		5.7	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-23	N.D.	UX	3.19	N.S.			N.D.		4.8	N.D.		4.89	N.D.		4.9	N.D.		4.9	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-24	N.D.	UX	4.12	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-25	N.D.	UX	3.15	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-26	N.D.	UXC$_{26/29}$	3.19	N.S.			N.D.	C$_{26/29}$	28	N.D.	C$_{26/29}$	28.5	N.D.	C$_{26/29}$	29	N.D.	C$_{26/29}$	28	N.D.	C$_{26/29}$	39	N.D.	C$_{26/29}$	35	N.D.	U	44	N.D.	U	45
PCB-27	N.D.	UX	4.17	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-28	4.25	JXC$_{20/28}$	N.V.P.	N.S.			N.D.	C$_{20/28}$	15.5	N.D.	C$_{20/28}$	15.8	N.D.	C$_{20/28}$	16	N.D.	C$_{20/28}$	16	N.D.	C$_{20/28}$	31	N.D.	C$_{20/28}$	27	N.D.	U	44	N.D.	U	45
PCB-29	N.D.	UXC$_{26/29}$	3.19	N.S.			N.D.	C$_{26/29}$	28	N.D.	C$_{26/29}$	28.5	N.D.	C$_{26/29}$	29	N.D.	C$_{26/29}$	28	N.D.	C$_{26/29}$	39	N.D.	C$_{26/29}$	35	N.D.	U	44	N.D.	U	45
PCB-30	N.D.	UXC$_{18/30}$	4.83	N.S.			N.D.	C$_{18/30}$	9.52	N.D.	C$_{18/30}$	9.71	N.D.	C$_{18/30}$	9.7	N.D.	C$_{18/30}$	9.7	N.D.	C$_{18/30}$	26	N.D.	C$_{18/30}$	23	N.D.	U	22	N.D.	U	45
PCB-31	4.43	JX	N.V.P.	N.S.			N.D.		11.1	N.D.		11.4	N.D.		11	N.D.		11	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	47
PCB-32	N.D.	UX	3.99	N.S.			N.D.		4.83	N.D.		4.92	N.D.		4.9	N.D.		4.9	N.D.		8.7	N.D.		7.8	N.D.	U	22	N.D.	U	23
PCB-33	N.D.	UXC$_{21/33}$	3.17	N.S.			N.D.	C$_{21/33}$	9.52	N.D.	C$_{21/33}$	9.71	N.D.	C$_{21/33}$	9.7	N.D.	C$_{21/33}$	9.7	N.D.	C$_{21/33}$	32	N.D.	C$_{21/33}$	28	N.D.	U	44	N.D.	U	45
PCB-34	N.D.	UX	3.32	N.S.			N.D.		5.55	N.D.		5.66	N.D.		5.7	N.D.		5.6	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-35	N.D.	UX	3.48	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		21	N.D.		18	N.D.	U	22	N.D.	U	23
PCB-36	N.D.	UX	3.06	N.S.			N.D.		6.82	N.D.		6.95	N.D.		7	N.D.		6.9	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-37	N.D.	UX	4.01	N.S.			N.D.		5.49	N.D.		5.59	N.D.		5.6	N.D.		5.6	N.D.		8.7	N.D.		7.8	N.D.	U	22	N.D.	U	28
PCB-38	N.D.	UX	3.36	N.S.			N.D.		4.76	N.D.		4.85	N.D.		4.9	N.D.		4.8	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-39	N.D.	UX	3.05	N.S.			N.D.		5.9	N.D.		6.02	N.D.		6	N.D.		6	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-40	N.D.	UXC$_{40/71}$	2.84	N.S.			N.D.	C$_{40/71}$	19.1	N.D.	C$_{40/71}$	19.5	N.D.	C$_{40/71}$	20	N.D.	C$_{40/71}$	19	N.D.	C$_{40/71}$	17	N.D.	C$_{40/71}$	16	N.D.	U	44	N.D.	U	45
PCB-41	N.D.	UX	3.03	N.S.			N.D.		12.6	N.D.		12.8	N.D.		13	N.D.		13	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-42	N.D.	UX	3.04	N.S.			N.D.		13.5	N.D.		13.8	N.D.		14	N.D.		14	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-43	N.D.	UX	4.31	N.S.			N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		9.7	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-44	43.7	XC$_{44/47/65}$	N.V.P.	N.S.			N.D.	C$_{44/47/65}$	37	N.D.	C$_{44/47/65}$	37.8	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	26	N.D.	C$_{44/47/65}$	23	N.D.	U	66	N.D.	U	76
PCB-45	N.D.	UX	2.4	N.S.			N.D.		11	N.D.		11.3	N.D.		11	N.D.		11	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-46	N.D.	UX	3.38	N.S.			N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		9.7	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-47	43.7	XC$_{44/47/65}$	N.V.P.	N.S.			N.D.	C$_{44/47/65}$	37	N.D.	C$_{44/47/65}$	37.8	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	26	N.D.	C$_{44/47/65}$	23	N.D.	U	66	N.D.	U	76
PCB-48	N.D.	UX	2.77	N.S.			N.D.		12	N.D.		12.2	N.D.		12	N.D.		45	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-49	2.82	JXEC$_{49/69}$	N.V.P.	N.S.			N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	24.5	N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	20	N.D.	C$_{49/69}$	20	N.D.	U	44	N.D.	U	45
PCB-50	N.D.	UXC$_{50/53}$	2.77	N.S.			N.D.	C$_{50/53}$	90.2	N.D.	C$_{50/53}$	91.9	N.D.	C$_{50/53}$	92	N.D.	C$_{50/53}$	92	N.D.	C$_{50/53}$	99	N.D.	C$_{50/53}$	88	N.D.	U	44	N.D.	U	45
PCB-51	30.7	X	N.V.P.	N.S.			N.D.		30.1	N.D.		30.7	N.D.		31	N.D.		31	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-52	9.23	JX	N.V.P.	N.S.			N.D.		20.1	36.8	J	20.5	N.D.		20	N.D.		20	N.D.		13	20	J	12	N.D.	U	22	N.D.	U	74
PCB-53	N.D.	UXC$_{50/53}$	2.77	N.S.			N.D.	C$_{50/53}$	90.2	N.D.	C$_{50/53}$	91.9	N.D.	C$_{50/53}$	92	N.D.	C$_{50/53}$	92	N.D.	C$_{50/53}$	99	N.D.	C$_{50/53}$	88	N.D.	U	44	N.D.	U	45
PCB-54	N.D.	UX	2.76	N.S.			N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		9.7	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-55	N.D.	UX	3.15	N.S.			N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		12	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-56	N.D.	UX	3.19	N.S.			N.D.		10.3	N.D.		10.5	N.D.		10	N.D.		10	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-57	N.D.	UX	3.09	N.S.			N.D.		13	N.D.		13.3	N.D.		13	N.D.		13	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-58	N.D.	UX	3	N.S.			N.D.		12.4	N.D.		12.6	N.D.		13	N.D.		13	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-59	N.D.	JXC$_{59/62/75}$	2.05	N.S.			N.D.	C$_{59/62/75}$	39.7	N.D.	C$_{59/62/75}$	40.5	N.D.	C$_{59/62/75}$	41	N.D.	C$_{59/62/75}$	40	N.D.	C$_{59/62/75}$	27	N.D.	C$_{59/62/75}$	24	N.D.	U	66	N.D.	U	68
PCB-60	N.D.	UX	3.1	N.S.			N.D.		12	N.D.		12.2	N.D.		12	N.D.		12	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-61	8.02	EC$_{61/70/74/76}$	N.V.P.	N.S.			N.D.	C$_{61/70/74/76}$	45.6	N.D.	C$_{61/70/74/76}$	46.5	N.D.	C$_{61/70/74/76}$	47	N.D.	C$_{61/70/74/76}$	46	N.D.	C$_{61/70/74/76}$	33	N.D.	C$_{61/70/74/76}$	29	N.D.	U	88	N.D.	U	90
PCB-62	N.D.	JXC$_{59/62/75}$	2.05	N.S.			N.D.	C$_{59/62/75}$	39.7	N.D.	C$_{59/62/75}$	40.5	N.D.	C$_{59/62/75}$	41	N.D.	C$_{59/62/75}$	40	N.D.	C$_{59/62/75}$	27	N.D.	C$_{59/62/75}$	24	N.D.	U	66	N.D.	U	68
PCB-63	N.D.	UX	2.74	N.S.			N.D.		12.3	N.D.		12.5	N.D.		13	N.D.		12	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-64	N.D.	UX	1.94	N.S.			N.D.		10.5	11.9	J	10.7	N.D.		11	N.D.		11	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-65	43.7	XC$_{44/47/65}$	N.V.P.	N.S.			N.D.	C$_{44/47/65}$	37	N.D.	C$_{44/47/65}$	37.8	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	38	N.D.	C$_{44/47/65}$	26	N.D.	C$_{44/47/65}$	23	N.D.	U	66	N.D.	U	76
PCB-66	N.D.	UX	3.07	N.S.			N.D.		10.5	14.7	J	10.7	N.D.		11	N.D.		11	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-67	N.D.	UX	2.92	N.S.			N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		12	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-68	5.72	JXE	N.V.P.	N.S.			N.D.		14.6	N.D.		14.9	N.D.		15	N.D.		15	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-69	2.82	JXEC$_{49/69}$	N.V.P.	N.S.			N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	24.5	N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	24	N.D.	C$_{49/69}$	20	N.D.	C$_{49/69}$	20	N.D.	U	44	N.D.	U	45
PCB-70	8.02	EC$_{61/70/74/76}$	N.V.P.	N.S.			N.D.	C$_{61/70/74/76}$	45.6	N.D.	C$_{61/70/74/76}$	46.5	N.D.	C$_{61/70/74/76}$	47	N.D.	C$_{61/70/74/76}$	46	N.D.	C$_{61/70/74/76}$	33	N.D.	C$_{61/70/74/76}$	29	N.D.	U	88	N.D.	U	90
PCB-71	N.D.	UXC$_{40/71}$	2.84	N.S.			N.D.	C$_{40/71}$	19.1	N.D.	C$_{40/71}$	19.5	N.D.	C$_{40/71}$	20	N.D.	C$_{40/71}$	19	N.D.	C$_{40/71}$	17	N.D.	C$_{40/71}$	16	N.D.	U	44	N.D.	U	45
PCB-72	N.D.	UX	2.99	N.S.			N.D.		15	N.D.		15.2	N.D.		15	N.D.		15	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-73	N.D.	UX	1.89	N.S.			N.D.		19.8	N.D.		20.2	N.D.		20	N.D.		20	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-74	8.02	EC$_{61/70/74/76}$	N.V.P.	N.S.			N.D.	C$_{61/70/74/76}$	45.6	N.D.	C$_{61/70/74/76}$	46.5	N.D.	C$_{61/70/74/76}$	47	N.D.	C$_{61/70/74/76}$	46	N.D.	C$_{61/70/74/76}$	33	N.D.	C$_{61/70/74/76}$	29	N.D.	U	88	N.D.	U	90
PCB-75	N.D.	JXC$_{59/62/75}$	2.05	N.S.			N.D.	C$_{59/62/75}$	39.7	N.D.	C$_{59/62/75}$	40.5	N.D.	C$_{59/62/75}$	41	N.D.	C$_{59/62/75}$	40	N.D.	C$_{59/62/75}$	27	N.D.	C$_{59/62/75}$	24	N.D.	U	66	N.D.	U	68
PCB-76	8.02	EC$_{61/70/74/76}$	N.V.P.	N.S.			N.D.	C$_{61/70/74/76}$	45.6	N.D.	C$_{61/70/74/76}$	46.5	N.D.	C$_{61/70/74/76}$	47	N.D.	C$_{61/70/74/76}$	46	N.D.	C$_{61/70/74/76}$	33	N.D.	C$_{61/70/74/76}$	29	N.D.	U	88	N.D.	U	90
PCB-77	N.D.	UX	3.44	N.S.			N.D.		10	N.D.		10.2	N.D.		10	N.D.		10	N.D.		21	N.D.		18	N.D.	U	22	N.D.	U	23
PCB-78	N.D.	UX	3.33	N.S.			N.D.		13.4	N.D.		13.7	N.D.		14	N.D.		14	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-79	N.D.	UX	2.8	N.S.			N.D.		13.5	N.D.		13.8	N.D.		14	N.D.		14	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-80	N.D.	UX	2.69	N.S.			N.D.		15.8	N.D.		16.1	N.D.		16	N.D.		16	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-81	N.D.	UX	3.5	N.S.			N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		9.7	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-82	N.D.	UX	2.01	N.S.			N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		12	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-83	N.D.	UX	1.8	N.S.			N.D.		12	N.D.		12.2	N.D.		12	N.D.		12	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-84	N.D.	UX	1.98	N.S.			N.D.		11.3	N.D.		11.6	N.D.		12	N.D.		11	N.D.		27	N.D.		24	N.D.	U	22	N.D.	U	23
PCB-85	N.D.	UXC$_{85/116}$	1.69	N.S.			N.D.	C$_{85/116/117}$	64.8	N.D.	C$_{85/116/117}$	66	N.D.	C$_{85/116/117}$	66	N.D.	C$_{85/116/117}$	66	N.D.	C$_{85/116/117}$	37	N.D.	C$_{85/116/117}$	33	N.D.	U	66	N.D.	U	68
PCB-86	9	6/87/97/108/1	N.V.P.	N.S.			N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	124	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-87	9	6/87/97/108/1	N.V.P.	N.S.			N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	124	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-88	N.D.	UX	1.6	N.S.			N.D.		14.2	N.D.		14.5	N.D.		14	N.D.		14	N.D.		19	N.D.		19	N.D.	U	22	N.D.	U	23
PCB-89	N.D.	UX	1.85	N.S.			N.D.		14.2	N.D.		14.5	N.D.		14	N.D.		14	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-90	18.5	BC$_{90/101/1}$	N.V.P.	N.S.			N.D.	C$_{90/101/113}$	39.3	N.D.	C$_{90/101/113}$	40.1	N.D.	C$_{90/101/113}$	40	N.D.	C$_{90/101/113}$	40	N.D.	C$_{90/101/113}$	44	N.D.	C$_{90/101/113}$	39	N.D.	U	66	N.D.	U	24
PCB-91	N.D.	UX	1.74	N.S.			N.D.		11.3	N.D.		11.6	N.D.		12	N.D.		11	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-92	N.D.	UX	1.77	N.S.			N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		15	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-93	N.D.	UXC$_{93/100}$	1.58	N.S.			N.D.	C$_{93/100}$	29.3	N.D.	C$_{93/100}$	29.9	N.D.	C$_{93/100}$	30	N.D.	C$_{93/100}$	30	N.D.	C$_{93/100}$	27	N.D.	C$_{93/100}$	24	N.D.	U	44	N.D.	U	45
PCB-94	N.D.	UX	1.85	N.S.			N.D.		13.2	N.D.		13.5	N.D.		14	N.D.		13	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-95	14.9	XB	N.V.P.	N.S.			19.8	J	14.7	27.0	J	15	40		15	N.D.		15	N.D.		13	28	J	12	N.D.	U	22	N.D.	U	23

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-04						MW-04R																							
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-96	N.D.	UX	1.6	N.S.			N.D.		12.3	N.D.		12.5	N.D.		13	N.D.		12	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-97	9	$_{86/87/97/108/1}$	N.V.P.	N.S.			N.D.	$_{87/97/109/11}$	122	N.D.	$_{87/97/109/11}$	124	N.D.	$_{87/97/109/11}$	120	N.D.	$_{87/97/109/11}$	120	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	160	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-98	N.D.	UX	2.42	N.S.			N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	40.1	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	32	N.D.	$C_{98/102}$	28	N.D.	U	44	N.D.	U	45
PCB-99	4.85	JXE	N.V.P.	N.S.			N.D.		13.9	14.3	J	14.2	N.D.		14	N.D.		14	N.D.		13	13	J	12	N.D.	U	22	N.D.	U	23
PCB-100	N.D.	$UXC_{93/100}$	1.58	N.S.			N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	27	N.D.	$C_{93/100}$	24	N.D.	U	44	N.D.	U	45
PCB-101	18.5	$BC_{90/101/1}$	N.V.P.	N.S.			N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	44	N.D.	$C_{90/101/113}$	39	N.D.	U	66	N.D.	U	68
PCB-102	N.D.	UX	1.43	N.S.			N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	40.1	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	32	N.D.	$C_{98/102}$	28	N.D.	U	44	N.D.	U	45
PCB-103	N.D.	UX	1.61	N.S.			N.D.		17.4	N.D.		17.8	N.D.		18	N.D.		18	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-104	N.D.	UX	1.61	N.S.			N.D.		12.1	N.D.		12.3	N.D.		12	N.D.		12	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-105	13.9	XB	N.V.P.	N.S.			N.D.		12.3	N.D.		12.5	N.D.		13	N.D.		12	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-106	N.D.	UX	1.36	N.S.			N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		15	N.D.		21	N.D.		18	N.D.	U	22	N.D.	U	23
PCB-107	N.D.	$UXC_{107/124}$	1.31	N.S.			N.D.		15.4	N.D.		15.7	N.D.		16	N.D.		16	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-108	9	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			N.D.	$C_{108/124}$	30.3	N.D.	$C_{108/124}$	30.9	N.D.	$C_{108/124}$	31	N.D.	$C_{108/124}$	31	N.D.	$C_{108/124}$	28	N.D.	$C_{108/124}$	25	N.D.	U	44	N.D.	U	45
PCB-109	N.D.	UX	1.15	N.S.			N.D.	$_{87/97/109/11}$	122	N.D.	$_{87/97/109/11}$	124	N.D.	$_{87/97/109/11}$	120	N.D.	$_{87/97/109/11}$	120	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	160	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-110	19.3	XB	N.V.P.	N.S.			N.D.	$C_{110/115}$	58.2	N.D.	$C_{110/115}$	59.3	N.D.	$C_{110/115}$	59	N.D.	$C_{110/115}$	59	N.D.	$C_{110/115}$	28	39	J	25	N.D.	U	44	N.D.	U	45
PCB-111	N.D.	UX	1.22	N.S.			N.D.		16.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-112	N.D.	UX	1.47	N.S.			N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		17	N.D.		17	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-113	18.5	$BC_{90/101/1}$	N.V.P.	N.S.			N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	44	N.D.	$C_{90/101/113}$	39	N.D.	U	66	N.D.	U	68
PCB-114	N.D.	UX	1.33	N.S.			N.D.		14.7	N.D.		15	N.D.		15	N.D.		15	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-115	N.D.	UX	1.43	N.S.			N.D.	$C_{110/115}$	58.2	N.D.	$C_{110/115}$	59.3	N.D.	$C_{110/115}$	59	N.D.	$C_{110/115}$	59	N.D.	$C_{110/115}$	28	N.D.	$C_{110/115}$	28	N.D.	U	44	N.D.	U	45
PCB-116	N.D.	$UXC_{85/116}$	1.69	N.S.			N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	37	N.D.	$C_{85/116/117}$	33	N.D.	U	66	N.D.	U	68
PCB-117	N.D.	UX	1.03	N.S.			N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	37	N.D.	$C_{85/116/117}$	33	N.D.	U	66	N.D.	U	68
PCB-118	19.2	XB	N.V.P.	N.S.			13.9	J	12.9	29.6	J	13.1	N.D.		13	N.D.		13	N.D.		19	19	J	16	N.D.	U	22	N.D.	U	23
PCB-119	9	$_{86/87/97/108/1}$	N.V.P.	N.S.			N.D.	$_{87/97/109/11}$	122	N.D.	$_{87/97/109/11}$	124	N.D.	$_{87/97/109/11}$	120	N.D.	$_{87/97/109/11}$	120	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	160	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-120	N.D.	UX	1.21	N.S.			N.D.		15.9	N.D.		16.2	N.D.		16	N.D.		16	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-121	N.D.	UX	1.23	N.S.			N.D.		13.7	N.D.		14	N.D.		14	N.D.		14	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-122	N.D.	UX	1.38	N.S.			N.D.		12.9	N.D.		13.1	N.D.		13	N.D.		13	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-123	N.D.	UX	1.32	N.S.			N.D.		12.5	N.D.		12.7	N.D.		13	N.D.		13	N.D.		24	N.D.		21	N.D.	U	22	N.D.	U	23
PCB-124	N.D.	$UXC_{107/124}$	1.31	N.S.			N.D.	$C_{108/124}$	30.3	N.D.	$C_{108/124}$	30.9	N.D.	$C_{108/124}$	31	N.D.	$C_{108/124}$	31	N.D.	$C_{108/124}$	28	N.D.	$C_{108/124}$	25	N.D.	U	44	N.D.	U	45
PCB-125	9	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			N.D.	$_{87/97/109/11}$	122	N.D.	$_{87/97/109/11}$	124	N.D.	$_{87/97/109/11}$	120	N.D.	$_{87/97/109/11}$	120	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	160	N.D.	$C_{86/87/97/1}$ $_{09/119/125}$	150	N.D.	U	130	N.D.	U	140
PCB-126	N.D.	UX	1.56	N.S.			N.D.		15.8	N.D.		16.1	N.D.		16	N.D.		16	N.D.		32	N.D.		28	N.D.	U	22	N.D.	U	23
PCB-127	N.D.	UX	1.33	N.S.			N.D.		17.8	N.D.		18.2	N.D.		18	N.D.		18	N.D.		7.7	N.D.		6.8	N.D.	U	22	N.D.	U	23
PCB-128	15.9	$XBC_{128/166}$	N.V.P.	N.S.			N.D.	$C_{128/166}$	37.9	N.D.	$C_{128/166}$	38.6	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	38	N.D.	$C_{128/166}$	20	N.D.	$C_{128/166}$	17	N.D.	U	44	N.D.	U	45
PCB-129	130	$BC_{129/138/1}$	N.V.P.	N.S.			N.D.	$C_{129/138/163}$	49.8	N.D.	$C_{129/138/163}$	50.8	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/1}$ $_{63}$	32	38	J	28	N.D.	U	77	N.D.	U	79
PCB-130	3.56	JX	N.V.P.	N.S.			N.D.		17.6	N.D.		18	N.D.		18	N.D.		18	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-131	N.D.	UX	1.29	N.S.			N.D.		15.1	N.D.		15.4	N.D.		15	N.D.		15	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-132	28.4	XB	N.V.P.	N.S.			N.D.		14.5	N.D.		14.8	N.D.		15	N.D.		15	N.D.		12	12	J	11	N.D.	U	22	N.D.	U	23
PCB-133	N.D.	UX	1.23	N.S.			N.D.		17.4	N.D.		17.8	N.D.		18	N.D.		18	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-134	2.68	JX	N.V.P.	N.S.			N.D.		14.8	N.D.		15	N.D.		15	N.D.		15	N.D.		19	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-135	25.5	$XBC_{135/151}$	N.V.P.	N.S.			N.D.	$C_{135/151}$	41	N.D.	$C_{135/151}$	41.8	N.D.	$C_{135/151}$	42	N.D.	$C_{135/151}$	42	N.D.	$C_{135/151}$	35	N.D.	$C_{135/151}$	31	N.D.	U	44	N.D.	U	45
PCB-136	10.5	JXB	N.V.P.	N.S.			N.D.		14.3	N.D.		14.6	N.D.		15	N.D.		14	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-137	N.D.	UX	1.12	N.S.			N.D.		18.4	N.D.		18.7	N.D.		19	N.D.		19	N.D.		13	N.D.		13	N.D.	U	22	N.D.	U	23
PCB-138	130	$BC_{129/138/1}$	N.V.P.	N.S.			N.D.	$C_{129/138/163}$	49.8	N.D.	$C_{129/138/163}$	50.8	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/1}$ $_{63}$	32	38	J	28	N.D.	U	77	N.D.	U	79
PCB-139	N.D.	$UXC_{139/14}$	1.15	N.S.			N.D.	$C_{139/140}$	31.3	N.D.	$C_{139/140}$	31.9	N.D.	$C_{139/140}$	32	N.D.	$C_{139/140}$	32	N.D.	$C_{139/140}$	21	N.D.	$C_{139/140}$	19	N.D.	U	44	N.D.	U	45
PCB-140	N.D.	$UXC_{139/14}$	1.15	N.S.			N.D.	$C_{139/140}$	31.3	N.D.	$C_{139/140}$	31.9	N.D.	$C_{139/140}$	32	N.D.	$C_{139/140}$	32	N.D.	$C_{139/140}$	21	N.D.	$C_{139/140}$	18	N.D.	U	44	N.D.	U	45
PCB-141	31.7	XB	N.V.P.	N.S.			N.D.		21.4	N.D.		21.8	N.D.		22	N.D.		22	N.D.		6.6	7.2	J	5.8	N.D.	U	25	N.D.	U	26
PCB-142	N.D.	UX	1.34	N.S.			N.D.		17	N.D.		17.3	N.D.		17	N.D.		17	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-143	N.D.	UX	1.37	N.S.			N.D.		16.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-144	4.03	JX	N.V.P.	N.S.			N.D.		15.9	N.D.		16.2	N.D.		16	N.D.		16	N.D.		23	N.D.		20	N.D.	U	22	N.D.	U	23
PCB-145	N.D.	UX	1.24	N.S.			N.D.		14.7	N.D.		15	N.D.		15	N.D.		15	N.D.		25	N.D.		22	N.D.	U	22	N.D.	U	23
PCB-146	11.3	XB	N.V.P.	N.S.			N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		15	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-147	66.1	$XBC_{147/149}$	N.V.P.	N.S.			N.D.	$C_{147/149}$	27.3	N.D.	$C_{147/149}$	27.9	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	22	29	J	19	N.D.	U	47	N.D.	U	48
PCB-148	N.D.	UX	1.16	N.S.			N.D.		15.1	N.D.		15.4	N.D.		15	N.D.		15	N.D.		17	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-149	66.1	$XBC_{147/149}$	N.V.P.	N.S.			N.D.	$C_{147/149}$	27.3	N.D.	$C_{147/149}$	27.9	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	22	29	J	19	N.D.	U	47	N.D.	U	48
PCB-150	N.D.	UX	1.25	N.S.			N.D.		15.9	N.D.		16.2	N.D.		16	N.D.		16	N.D.		21	N.D.		18	N.D.	U	22	N.D.	U	23
PCB-151	25.5	$XBC_{135/151}$	N.V.P.	N.S.			N.D.	$C_{135/151}$	41	N.D.	$C_{135/151}$	41.8	N.D.	$C_{135/151}$	42	N.D.	$C_{135/151}$	42	N.D.	$C_{135/151}$	35	N.D.	$C_{135/151}$	35	N.D.	U	44	N.D.	U	45
PCB-152	N.D.	UX	1.11	N.S.			N.D.		13.9	N.D.		14.2	N.D.		14	N.D.		14	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-153	97.6	$XBC_{153/168}$	N.V.P.	N.S.			N.D.	$C_{153/168}$	29.1	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	20	35	J	17	N.D.	U	56	N.D.	U	58
PCB-154	N.D.	UX	1.06	N.S.			N.D.		44.6	N.D.		45.4	N.D.		45	N.D.		45	N.D.		49	N.D.		44	N.D.	U	22	N.D.	U	23
PCB-155	N.D.	UX	1.23	N.S.			N.D.		15	N.D.		15.2	N.D.		15	N.D.		15	N.D.		22	N.D.		19	N.D.	U	22	N.D.	U	23
PCB-156	19.1	$XBC_{156/157}$	N.V.P.	N.S.			N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	32	N.D.	$C_{156/157}$	28	N.D.	U	44	N.D.	U	45
PCB-157	19.1	$XBC_{156/157}$	N.V.P.	N.S.			N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	32	N.D.	$C_{156/157}$	28	N.D.	U	44	N.D.	U	45
PCB-158	12.8	JBXE	N.V.P.	N.S.			N.D.		17.8	N.D.		18.2	N.D.		18	N.D.		18	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-159	4.88	JX	N.V.P.	N.S.			N.D.		19.1	N.D.		19.5	N.D.		20	N.D.		19	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-160	N.D.	UX	1.04	N.S.			N.D.		18.9	N.D.		19.2	N.D.		19	N.D.		19	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-161	N.D.	UX	0.916	N.S.			N.D.		16.5	N.D.		16.8	N.D.		17	N.D.		17	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-162	N.D.	UX	1.14	N.S.			N.D.		18.7	N.D.		19	N.D.		19	N.D.		19	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-163	130	$BC_{129/138/1}$	N.V.P.	N.S.			N.D.	$C_{129/138/163}$	49.8	N.D.	$C_{129/138/163}$	50.8	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/1}$ $_{63}$	32	38	J	28	N.D.	U	77	N.D.	U	79
PCB-164	9.31	JXBE	N.V.P.	N.S.			N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		17	N.D.		7.7	N.D.		6.7	N.D.	U	22	N.D.	U	23
PCB-165	N.D.	UX	0.992	N.S.			N.D.		16.5	N.D.		16.8	N.D.		17	N.D.		17	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-166	15.9	$XBC_{128/166}$	N.V.P.	N.S.			N.D.	$C_{128/166}$	37.9	N.D.	$C_{128/166}$	38.6	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	38	N.D.	$C_{128/166}$	20	N.D.	$C_{128/166}$	17	N.D.	U	44	N.D.	U	45
PCB-167	4.52	JX	N.V.P.	N.S.			N.D.		16.2	N.D.		16.5	N.D.		17	N.D.		16	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-168	97.6	$XBC_{153/168}$	N.V.P.	N.S.			N.D.	$C_{153/168}$	29.1	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	20	35	J	17	N.D.	U	56	N.D.	U	58
PCB-169	N.D.	UX	1.46	N.S.			N.D.		17.7	N.D.		18.1	N.D.		18	N.D.		18	N.D.		20	N.D.		17	N.D.	U	22	N.D.	U	23
PCB-170	176	XB	N.V.P.	N.S.			N.D.		16.9	N.D.		17.2	N.D.		17	N.D.		17	N.D.		12	N.D.		11	N.D.	U	46	N.D.	U	47
PCB-171	34.8	$XBC_{171/17}$	N.V.P.	N.S.			N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	17	N.D.	$C_{171/173}$	16	N.D.	U	44	N.D.	U	45
PCB-172	25.9	X	N.V.P.	N.S.			N.D.		15	N.D.		15.3	N.D.		15	N.D.		15	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-173	34.8	$XBC_{171/17}$	N.V.P.	N.S.			N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	17	N.D.	$C_{171/173}$	16	N.D.	U	44	N.D.	U	45
PCB-174	131	XB	N.V.P.	N.S.			N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		17	N.D.		12	11	J	11	N.D.	U	52	N.D.	U	53
PCB-175	3.26	JX	N.V.P.	N.S.			N.D.		19.9	N.D.		20.3	N.D.		20	N.D.		20	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	23
PCB-176	5.93	JXE	N.V.P.	N.S.			N.D.		15.3	N.D.		15.6	N.D.		16	N.D.		16	N.D.		6.6	N.D.		5.8	N.D.	U	22	N.D.	U	23
PCB-177	67.7	XB	N.V.P.	N.S.			N.D.		17	N.D.		17.4	N.D.		17	N.D.		17	N.D.		9.8	N.D.		8.7	N.D.	U	26	N.D.	U	27
PCB-178	16.7	XB	N.V.P.	N.S.			N.D.		25.2	N.D.		25.7	N.D.		26	N.D.		26	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-179	23.4	XB	N.V.P.	N.S.			N.D.		13.4	N.D.		13.7	N.D.		14	N.D.		14	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-180	390	$XBC_{180/193}$	N.V.P.	N.S.			N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	21	28	J	18	N.D.	U	55	N.D.	U	56
PCB-181	N.D.	UX	1.74	N.S.			N.D.		19.8	N.D.		20.2	N.D.		20	N.D.		20	N.D.		8.7	N.D.		7.8	N.D.	U	22	N.D.	U	23
PCB-182	N.D.	UX	1.67	N.S.			N.D.		22.6	N.D.		23	N.D.		23	N.D.		23	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23

Appendix B.1

Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-04						MW-04R																							
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-183	48.5	XB	N.V.P.	N.S.			N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	24	N.D.	$C_{183/185}$	21	N.D.	U	46	N.D.	U	47
PCB-184	N.D.	UX	1.02	N.S.			N.D.		15.4	N.D.		15.7	N.D.		16	N.D.		16	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-185	12	X	N.V.P.	N.S.			N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	24	N.D.	$C_{183/185}$	21	N.D.	U	46	N.D.	U	47
PCB-186	N.D.	UX	0.976	N.S.			N.D.		16.3	N.D.		16.6	N.D.		17	N.D.		17	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-187	97.6	XB	N.V.P.	N.S.			N.D.		19.4	N.D.		19.8	N.D.		20	N.D.		20	N.D.		12	14	J	11	N.D.	U	42	N.D.	U	43
PCB-188	N.D.	UX	1.01	N.S.			N.D.		77.3	N.D.		78.8	N.D.		79	N.D.		78	N.D.		51	N.D.		46	N.D.	U	22	N.D.	U	23
PCB-189	5.53	JXE	N.V.P.	N.S.			N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		17	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	23
PCB-190	36.4	XB	N.V.P.	N.S.			N.D.		18.9	N.D.		19.2	N.D.		19	N.D.		19	N.D.		17	N.D.		16	N.D.	U	22	N.D.	U	23
PCB-191	6.49	JXE	N.V.P.	N.S.			N.D.		15.2	N.D.		15.5	N.D.		16	N.D.		15	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-192	N.D.	UX	1.53	N.S.			N.D.		17.1	N.D.		17.5	N.D.		17	N.D.		17	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-193	390	$XBC_{180/193}$	N.V.P.	N.S.			N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	21	28	J	18	N.D.	U	55	N.D.	U	56
PCB-194	104	XB	N.V.P.	N.S.			N.D.		27.3	N.D.		27.9	N.D.		28	N.D.		28	N.D.		13	18	J	12	N.D.	U	29	N.D.	U	62
PCB-195	41.9	XBE	N.V.P.	N.S.			N.D.		26.6	N.D.		27.1	N.D.		27	N.D.		27	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	23
PCB-196	61.4	XB	N.V.P.	N.S.			N.D.		22.7	N.D.		23.1	N.D.		23	N.D.		23	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	23
PCB-197	2.16	JXE	N.V.P.	N.S.			N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	14	N.D.	U	44	N.D.	U	45
PCB-198	122	$XBC_{198/199}$	N.V.P.	N.S.			N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	20	20	J	17	N.D.	U	44	N.D.	U	45
PCB-199	122	$XBC_{198/199}$	N.V.P.	N.S.			N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	20	20	J	17	N.D.	U	44	N.D.	U	45
PCB-200	11.3	X	N.V.P.	N.S.			N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	14	N.D.	U	44	N.D.	U	45
PCB-201	7.94	JXB	N.V.P.	N.S.			N.D.		94.9	N.D.		96.7	N.D.		97	N.D.		96	N.D.		54	N.D.		47	N.D.	U	22	N.D.	U	23
PCB-202	9.3	JXB	N.V.P.	N.S.			N.D.		26.8	N.D.		27.3	N.D.		27	N.D.		27	N.D.		9.8	N.D.		8.7	N.D.	U	22	N.D.	U	23
PCB-203	74	XB	N.V.P.	N.S.			N.D.		20.3	N.D.		20.7	N.D.		21	N.D.		21	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	59
PCB-204	N.D.	UX	0.979	N.S.			N.D.		21.7	N.D.		22.1	N.D.		22	N.D.		22	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-205	4.82	JXE	N.V.P.	N.S.			N.D.		26.5	N.D.		27	N.D.		27	N.D.		27	N.D.		7.7	N.D.		6.8	N.D.	U	22	N.D.	U	23
PCB-206	20.1	X	N.V.P.	N.S.			N.D.		24	N.D.		24.5	N.D.		24	N.D.		24	N.D.		7.7	28	J B	6.8	N.D.	U	22	N.D.	U	65
PCB-207	3.33	JX	N.V.P.	N.S.			N.D.		23.3	N.D.		23.8	N.D.		24	N.D.		24	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	23
PCB-208	3.64	JX	N.V.P.	N.S.			N.D.		25.1	N.D.		25.6	N.D.		26	N.D.		26	N.D.		60	N.D.		53	N.D.	U	34	N.D.	U	35
PCB-209	2.12	JX	N.V.P.	N.S.			N.D.		347	N.D.		353	N.D.		350	N.D.		350	N.D.		260	N.D.		230	N.D.	U	44	N.D.	U	45

Notes:

1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
Lmethod blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-05						MW-05R																					
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
Total PCBs	580.91	-	-	N.S.	-	-	33631	-	-	4619.4	-	-	5184	-	-	763	-	-	193	-	-	5306.7	-	-	1571	-	-	5864	-	-
PCB-1	N.D.	UX	2.88	N.S.			N.D.		48.1	N.D.		48.6	N.D.		49	N.D.		49	N.D.		19	N.D.		18	N.D.	U	39	N.D.	U	39
PCB-2	N.D.	UX	3	N.S.			N.D.		70.5	N.D.		71.2	N.D.		72	N.D.		72	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	29
PCB-3	N.D.	UX	3.4	N.S.			N.D.		39.6	N.D.		40	N.D.		41	N.D.		41	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	29
PCB-4	N.D.	UX	3.8	N.S.			9.13	J	4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		23	N.D.		22	N.D.	U	28	N.D.	U	28
PCB-5	N.D.	UX	3.51	N.S.			N.D.		7.46	N.D.		7.53	N.D.		7.6	N.D.		7.6	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-6	N.D.	UX	3.6	N.S.			N.D.		13.3	N.D.		13.5	N.D.		14	N.D.		14	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-7	N.D.	UX	3.36	N.S.			N.D.		7.89	N.D.		7.96	N.D.		8.1	N.D.		8.1	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-8	N.D.	UX	3.58	N.S.			N.D.		10	N.D.		10.1	N.D.		10	N.D.		10	N.D.		17	N.D.		16	N.D.	U	28	N.D.	U	28
PCB-9	N.D.	UX	3.83	N.S.			N.D.		8.35	N.D.		8.43	N.D.		8.06	N.D.		8.5	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-10	N.D.	UX	2.53	N.S.			N.D.		5.15	N.D.		5.2	N.D.		5.3	N.D.		5.3	N.D.		23	N.D.		22	N.D.	U	19	N.D.	U	19
PCB-11	16.2	X	N.V.P.	N.S.			N.D.		130	N.D.		131	N.D.		130	N.D.		130	N.D.		110	N.D.		110	N.D.	U	58	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	3.61	N.S.			N.D.		21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	35	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	3.61	N.S.			N.D.		21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	35	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	19
PCB-14	N.D.	UX	3.13	N.S.			N.D.		1.9	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-15	N.D.	UX	4.1	N.S.			N.D.		8.09	N.D.		8.16	N.D.		8.3	N.D.		8.3	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-16	N.D.	UX	7.37	N.S.			8.66	J	1.9	N.D.		5.12	N.D.		5.2	N.D.		5.2	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-17	N.D.	UX	4.98	N.S.			6.87	J	5.84	N.D.		5.89	N.D.		6	N.D.		6	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-18	N.D.	$UXC_{18/30}$	4.24	N.S.			15.7	JC18/30	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	39
PCB-19	N.D.	UX	5.61	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		11	N.D.		11	N.D.	U	23	N.D.	U	23
PCB-20	N.D.	$UXC_{20/28}$	3.21	N.S.			37.3	JC20/28	15.5	N.D.	$C_{20/28}$	15.7	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	29	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	39
PCB-21	N.D.	$UXC_{21/33}$	3.13	N.S.			11.0	JC21/33	9.52	N.D.	$C_{21/33}$	9.62	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	30	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	39
PCB-22	N.D.	UX	3.36	N.S.			12.2	J	5.65	N.D.		5.7	N.D.		5.8	N.D.		5.8	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-23	N.D.	UX	3.16	N.S.			N.D.		4.8	N.D.		4.85	N.D.		4.9	N.D.		4.9	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-24	N.D.	UX	3.63	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-25	N.D.	UX	3.12	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		13	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	3.16	N.S.			N.D.		28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	37	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	39
PCB-27	N.D.	UX	3.66	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-28	N.D.	$UXC_{20/28}$	3.21	N.S.			37.3	JC20/28	15.5	N.D.	$C_{20/28}$	15.7	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	29	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	39
PCB-29	N.D.	$UXC_{26/29}$	3.16	N.S.			N.D.		28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	37	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	39
PCB-30	N.D.	$UXC_{18/30}$	4.24	N.S.			15.7	JC18/30	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	39
PCB-31	N.D.	UX	3.07	N.S.			35.8	J	11.1	N.D.		11.3	N.D.		11	N.D.		11	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	41
PCB-32	N.D.	UX	3.51	N.S.			9.76	J	4.83	N.D.		4.88	N.D.		4.9	N.D.		4.9	N.D.		8.3	N.D.		7.8	N.D.	U	19	N.D.	U	19
PCB-33	N.D.	$UXC_{21/33}$	3.13	N.S.			11.0	JC21/33	9.52	N.D.	$C_{21/33}$	9.62	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	30	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	39
PCB-34	N.D.	UX	3.28	N.S.			N.D.		5.55	N.D.		5.61	N.D.		5.7	N.D.		5.7	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-35	N.D.	UX	3.44	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-36	N.D.	UX	3.03	N.S.			N.D.		6.82	N.D.		6.88	N.D.		7	N.D.		7	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-37	N.D.	UX	3.97	N.S.			11.2	J	5.49	N.D.		5.54	N.D.		5.6	N.D.		5.6	N.D.		8.3	N.D.		7.8	N.D.	U	19	N.D.	U	24
PCB-38	N.D.	UX	3.32	N.S.			N.D.		4.76	N.D.		4.81	N.D.		4.9	N.D.		4.9	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-39	N.D.	UX	3.02	N.S.			N.D.		5.9	N.D.		5.96	N.D.		6	N.D.		6	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-40	N.D.	$UXC_{40/71}$	2.23	N.S.			60.4	JC40/71	19.1	N.D.	$C_{40/71}$	19.3	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	39	N.D.	U	39
PCB-41	N.D.	UX	2.37	N.S.			N.D.		12.6	N.D.		12.7	N.D.		13	N.D.		12	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-42	N.D.	UX	2.38	N.S.			29.0	J	13.5	N.D.		13.7	N.D.		14	N.D.		14	N.D.		12	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-43	N.D.	UX	3.38	N.S.			N.D.		9.52	N.D.		9.62	N.D.		9.8	N.D.		9.7	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-44	41.9	$XC_{44/47/65}$	N.V.P.	N.S.			312	C44/47/65	37	65.7	$JC_{44/47/65}$	37.4	57	$JC_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	58	J	23	N.D.	U	58	82	J	65
PCB-45	N.D.	UX	1.88	N.S.			N.D.		11	N.D.		11.2	N.D.		11	N.D.		11	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-46	N.D.	UX	2.65	N.S.			N.D.		9.52	N.D.		9.62	N.D.		9.8	N.D.		9.7	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-47	41.9	$XC_{44/47/65}$	N.V.P.	N.S.			312	C44/47/65	37	65.7	$JC_{44/47/65}$	37.4	57	$JC_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	58	J	23	N.D.	U	58	82	J	65
PCB-48	N.D.	UX	2.17	N.S.			14.7	J	12	N.D.		12.1	N.D.		12	N.D.		12	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-49	N.D.	$UXC_{49/69}$	1.85	N.S.			163	C49/69	24	30.9	$JC_{49/69}$	24.2	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	19	24	J I	18	N.D.	U	39	N.D.	U	39
PCB-50	N.D.	$UXC_{50/53}$	2.17	N.S.			N.D.	C50/53	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	39
PCB-51	29.9	X	N.V.P.	N.S.			N.D.		30.1	N.D.		30.4	N.D.		31	N.D.		31	N.D.		13	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-52	4.52	JX	N.V.P.	N.S.			824		20.1	162		20.3	140		21	37	J	21	21	J	12	160		12	N.D.	U	19	180		64
PCB-53	N.D.	$UXC_{50/53}$	2.17	N.S.			N.D.	C50/53	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	39
PCB-54	N.D.	UX	3.37	N.S.			N.D.		9.52	N.D.		9.62	N.D.		9.8	N.D.		9.7	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-55	N.D.	UX	2.54	N.S.			N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		12	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-56	N.D.	UX	2.57	N.S.			103		10.3	15.8	J	10.4	15	J	11	N.D.		11	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-57	N.D.	UX	2.49	N.S.			N.D.		13	N.D.		13.2	N.D.		13	N.D.		13	N.D.		12	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-58	N.D.	UX	2.42	N.S.			N.D.		12.4	N.D.		12.5	N.D.		13	N.D.		13	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-59	N.D.	$UXC_{59/62/75}$	1.61	N.S.			N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	58
PCB-60	N.D.	UX	2.5	N.S.			35.5	J	12	N.D.		12.1	N.D.		12	N.D.		12	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-61	3.9	$JXC_{61/70/74/7}$	N.V.P.	N.S.			933	61/70/74/7	45.6	132	$JC_{61/70/74/7}$	46.1	130	$JC_{61/70/74/7}$	47	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	31	70	J	29	N.D.	U	77	100	J	77
PCB-62	N.D.	$UXC_{59/62/75}$	1.61	N.S.			N.D.	$C_{59/62/75}$	39.7	N.D.		40.1	N.D.		41	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	58
PCB-63	N.D.	UX	2.21	N.S.			N.D.		12.3	N.D.		12.4	N.D.		13	N.D.		13	N.D.		13	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-64	N.D.	UX	1.52	N.S.			120		10.5	21.3	J	10.6	20	J I	11	N.D.		11	N.D.		10	16	J	9.8	N.D.	U	19	N.D.	U	19
PCB-65	41.9	$XC_{44/47/65}$	N.V.P.	N.S.			312	C44/47/65	37	65.7	$JC_{44/47/65}$	37.4	57	J $C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	58	J	23	N.D.	U	58	82	J	65
PCB-66	N.D.	UX	2.47	N.S.			222		10.5	33.4	J	10.6	33	J I	11	N.D.		11	N.D.		11	22	J	11	N.D.	U	19	29	J	19
PCB-67	N.D.	UX	2.36	N.S.			N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		12	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-68	6.24	JXE	N.V.P.	N.S.			N.D.		14.6	N.D.		14.7	N.D.		15	N.D.		15	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-69	N.D.	$UXC_{49/69}$	1.85	N.S.			163	C49/69	24	30.9	$JC_{49/69}$	24.2	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	19	N.D.	U	39	N.D.	U	39
PCB-70	3.9	$JXC_{61/70/74/7}$	N.V.P.	N.S.			933	61/70/74/7	45.6	132	$JC_{61/70/74/7}$	46.1	130	$JC_{61/70/74/7}$	47	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	31	70	J	29	N.D.	U	77	100	J	77
PCB-71	N.D.	$UXC_{40/71}$	2.23	N.S.			60.4	J	19.1	N.D.	$C_{40/71}$	19.3	ND	$C_{40/71}$	20	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	39	N.D.	U	39
PCB-72	N.D.	UX	2.42	N.S.			N.D.		15	N.D.		15.1	ND		15	N.D.		15	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-73	N.D.	UX	1.48	N.S.			N.D.		19.8	N.D.		20	ND		20	N.D.		20	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-74	3.9	$JXC_{61/70/74/7}$	N.V.P.	N.S.			933		45.6	132	$JC_{61/70/74/7}$	46.1	130	$JC_{61/70/74/7}$	47	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	31	70	J	29	N.D.	U	77	100	J	77
PCB-75	N.D.	$UXC_{59/62/75}$	1.61	N.S.			N.D.		39.7	N.D.		40.1	ND		41	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	58
PCB-76	3.9	$JXC_{61/70/74/7}$	N.V.P.	N.S.			933		45.6	132	$JC_{61/70/74/7}$	46.1	130	$JC_{61/70/74/7}$	47	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	31	70	J	29	N.D.	U	77	100	J	77
PCB-77	N.D.	UX	3.01	N.S.			28.9	J	10	N.D.		10.1	ND		10	N.D.		10	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-78	N.D.	UX	2.69	N.S.			N.D.		13.4	N.D.		13.6	ND		14	N.D.		14	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-79	N.D.	UX	2.26	N.S.			18.9	J	13.5	N.D.		13.7	ND		14	N.D.		14	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-80	N.D.	UX	2.17	N.S.			N.D.		15.8	N.D.		16	ND		16	N.D.		16	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-81	N.D.	UX	2.83	N.S.			N.D.		9.52	N.D.		9.62	ND		9.8	N.D.		9.7	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-82	N.D.	UX	1.81	N.S.			231		11.7	N.D.		11.8	36	J	12	N.D.		12	N.D.		13	39	J	13	N.D.	U	19	63	J	19
PCB-83	N.D.	UX	1.63	N.S.			92.3		12	16.6	J	12.1	15	J	12	N.D.		12	N.D.		16	30	J I	15	N.D.	U	19	N.D.	U	19
PCB-84	N.D.	UX	1.79	N.S.			482		11.3	95.4		11.4	92		12	25	J	12	N.D.		26	160		24	49	J	19	83		19
PCB-85	N.D.	$UXC_{85/116}$	1.52	N.S.			326		64.8	N.D.	$C_{85/116/117}$	65.4	ND	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	35	69	J	33	N.D.	U	58	65	J	58
PCB-86	3.77	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			1,370		122	N.D.	/87/97/109/11	123	240	$JC_{86/87/97/108/119/125}$	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	160	270	J	150	N.D.	U	120	290	J	120
PCB-87	3.77	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			1,370		122	N.D.	/87/97/109/11	123	240	$JC_{86/87/97/108/119/125}$	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	160	270	J	150	N.D.	U	120	290	J	120
PCB-88	N.D.	UX	1.44	N.S.			N.D.		14.2	N.D.		14.3	ND		15	N.D.		15	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-89	N.D.	UX	1.67	N.S.			N.D.		14.2	N.D.		14.3	ND		15	N.D.		15	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-90	7.34	$XBC_{90/101/1}$	N.V.P.	N.S.			2,170		39.3	375	$C_{90/101/113}$	39.7	360	$C_{90/101/113}$	40	92	$JC_{90/101/11}$	40	N.D.	$C_{90/101/113}$	42	470	$C_{90/101/113}$	39	170	J	58	420		58
PCB-91	N.D.	UX	1.57	N.S.			197		11.3	38.1	J	11.4	46	J	12	N.D.		12	N.D.		16	66	J	15	24	J I	19	43	J	19
PCB-92	N.D.	UX	1.6	N.S.			N.D.		14.9	62.8	J	15	56	J	15	15	J	15	N.D.		12	87		12	31	J	19	70	J	19
PCB-93	N.D.	$UXC_{93/100}$	1.43	N.S.			N.D.		29.3	N.D.	$C_{93/100}$	29.6	ND	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	26	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	39
PCB-94	N.D.	UX	1.67	N.S.			N.D.		13.2	N.D.		13.4	ND		14	N.D.		14	N.D.		13	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-95	5.84	JBXE	N.V.P.	N.S.			2,100		14.7	277		14.8	340	B	15	81		15	40	J I	12	490		12	170		19	380		19
PCB-96	N.D.	UX	1.53	N.S.			N.D.		12.3	N.D.		12.4	ND		13	N.D.		13	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-97	3.77	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			1,370		122	N.D.	/87/97/109/11	123	240	$JC_{86/87/97/108/119/125}$	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	160	270	J	150	N.D.	U	120	290	J	120
PCB-98	N.D.	UX	2.19	N.S.			44.9	J	39.3	N.D.	$C_{98/102}$	39.7	ND	$C_{98/102}$	40	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	30	N.D.	$C_{98/102}$	28	N.D.	U	39	N.D.	U	39
PCB-99	3.06	JX	N.V.P.	N.S.			860		13.9	151		14	140		14	32	J	14	N.D.		12	180		12	70	J	19	160		19
PCB-100	N.D.	$UXC_{93/100}$	1.43	N.S.			N.D.		29.3	N.D.	$C_{93/100}$	29.6	ND	$C_{93/100}$	30	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	26	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	39
PCB-101	7.34	$XBC_{90/101/1}$	N.V.P.	N.S.			2,170		39.3	375	$C_{90/101/113}$	39.7	360	$C_{90/101/113}$	40	92	$JC_{90/101/11}$	40	N.D.	$C_{90/101/113}$	42	470	$C_{90/101/113}$	39	170	J	58	420		58
PCB-102	N.D.	UX	1.3	N.S.			44.9	J	39.3	N.D.	$C_{98/102}$	39.7	ND	$C_{98/102}$	40	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	30	N.D.	$C_{98/102}$	28	N.D.	U	39	N.D.	U	39
PCB-103	N.D.	UX	1.45	N.S.			N.D.		17.4	N.D.		17.6	ND		18	N.D.		18	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-104	N.D.	UX	1.54	N.S.			N.D.		12.1	N.D.		12.2	ND		12	N.D.		12	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-105	4.36	JXB	N.V.P.	N.S.			815		12.3	130		12.4	130		13	27	J	13	12	J I	11	80		11	48	J	19	120		19
PCB-106	N.D.	UX	1.23	N.S.			N.D.		14.9	N.D.		15	ND		15	N.D.		15	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-107	N.D.	$UXC_{107/124}$	1.19	N.S.			148		15.4	19.0	J	15.6	21	J	16	N.D.		16	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-108	3.77	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.S.			97.5	J	30.3	N.D.	$C_{108/124}$	30.6	ND		31	N.D.	$C_{108/124}$	31	N.D.	$C_{108/124}$	27	N.D.	$C_{108/124}$	25	N.D.	U	39	N.D.	U	39
PCB-109	N.D.	UX	1.04	N.S.			1,370		122	N.D.	/87/97/109/11	123	240	5/87/97/109/11	120	N.D.	/87/97/109/11	120	N.D.	$C_{86/87/97/109/119/125}$	160	270	J	150	N.D.	U	120	290	J	120
PCB-110	7.8	JXB	N.V.P.	N.S.			2,730		58.2	N.D.	$C_{110/115}$	58.8	400	$C_{110/115}$	60	100	$JC_{110/115}$	59	37	$JC_{110/115}$	27	500		25	200		39	500		39
PCB-111	N.D.	UX	1.11	N.S.			N.D.		16.3	N.D.		16.4	ND		17	N.D.		17	N.D.		13	N.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-05						MW-05R																										
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			10/31/2025					
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
PCBs (Method 1668A) pg/L																																	
PCB-157	5.82	JXBC$_{156/157}$	N.V.P.	N.S.			311	C$_{156/157}$	33.2	52.1	JC$_{156/157}$	33.6	54	JC$_{156/157}$	34	N.D.	C$_{156/157}$	34	N.D.	C$_{156/157}$	30	33	J	29	N.D.	U	39	53	J	39			
PCB-158	2.8	JXB	N.V.P.	N.S.			284		17.8	44.7	J	18	39	J	18	N.D.		18	N.D.		11	37	J	11	N.D.	U	19	50	J	19			
PCB-159	N.D.	UX	1.04	N.S.			N.D.		19.1	N.D.		19.3	N.D.		20	N.D.		20	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19			
PCB-160	N.D.	UX	0.956	N.S.			N.D.		18.9	N.D.		19	N.D.		19	N.D.		19	N.D.		12	N.D.		12	N.D.	U	19	N.D.	U	19			
PCB-161	N.D.	UX	0.842	N.S.			N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		17	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19			
PCB-162	N.D.	UX	1.04	N.S.			N.D.		18.7	N.D.		18.8	N.D.		19	N.D.		19	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19			
PCB-163	29.6	JBC$_{129/138/163}$	N.V.P.	N.S.			2,660	C$_{129/138/163}$	49.8	426	C$_{129/138/163}$	50.3	410	C$_{129/138/163}$	51	84	JC$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	30	420		28	170	J	67	530		68			
PCB-164	2.75	JXB	N.V.P.	N.S.			156		16.8	23.7	J	16.9	22	J	17	N.D.		17	N.D.		7.3	28	J	6.8	N.D.	U	19	29	J	19			
PCB-165	N.D.	UX	0.912	N.S.			N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		17	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19			
PCB-166	3.58	JBXC$_{128/166}$	N.V.P.	N.S.			419	C$_{128/166}$	37.9	72.8	JC$_{128/166}$	38.3	58	JC$_{128/166}$	39	N.D.	C$_{128/166}$	39	N.D.	C$_{128/166}$	19	70	J	18	N.D.	U	39	92	J	39			
PCB-167	N.D.	UX	1.05	N.S.			94.5		16.2	N.D.		16.3	18	J	17	N.D.		17	N.D.		11	14	J	11	N.D.	U	19	N.D.	U	19			
PCB-168	20.2	XBC$_{153/168}$	N.V.P.	N.S.			1,660	C$_{153/168}$	29.1	269	C$_{153/168}$	29.4	250	C$_{153/168}$	30	57	JC$_{153/168}$	30	21	JC$_{153/168}$	19	280	JC$_{153/168}$	18	100	J	49	310		49			
PCB-169	N.D.	UX	1.27	N.S.			N.D.		17.7	N.D.		17.9	N.D.		18	N.D.		18	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19			
PCB-170	38.6	XB	N.V.P.	N.S.			302		16.9	50.5	J	17	51	J	17	N.D.		17	N.D.		11	41	J	11	N.D.	U	40	54	J	41			
PCB-171	6.36	JXBC$_{171/173}$	N.V.P.	N.S.			91.5	JC171/173	35.8	N.D.	C$_{171/173}$	36.2	22	JIC$_{171/173}$	37	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	16	N.D.	U	39	N.D.	U	39			
PCB-172	3.51	JXE	N.V.P.	N.S.			45.0	J	15	N.D.		15.2	N.D.		15	N.D.		15	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19			
PCB-173	6.36	JXBC$_{171/173}$	N.V.P.	N.S.			91.5	JC171/173	35.8	N.D.	C$_{171/173}$	36.2	22	JIC$_{171/173}$	37	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	16	N.D.	U	39	N.D.	U	39			
PCB-174	27.7	XB	N.V.P.	N.S.			249		16.8	44.5	J	16.9	44	J I	17	N.D.		17	N.D.		11	39	J	11	N.D.	U	45	55	J	45			
PCB-175	N.D.	UX	1.44	N.S.			N.D.		19.9	N.D.		20.1	N.D.		20	N.D.		20	N.D.		12	N.D.		12	N.D.	U	19	N.D.	U	19			
PCB-176	1.83	JXE	N.V.P.	N.S.			25.3	J	15.3	N.D.		15.5	N.D.		16	N.D.		16	N.D.		6.2	7	J	5.9	N.D.	U	19	N.D.	U	19			
PCB-177	14	XB	N.V.P.	N.S.			136		17	23.8	J	17.2	22	J I	17	N.D.		17	N.D.		9.3	19	J	8.8	N.D.	U	23	32	J	23			
PCB-178	3.23	JXB	N.V.P.	N.S.			44.5	J	25.2	N.D.		25.5	N.D.		26	N.D.		26	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19			
PCB-179	5.13	JXB	N.V.P.	N.S.			87.2		13.4	17.9	J	13.6	14	J	14	N.D.		14	N.D.		9.3	19	J	8.8	N.D.	U	19	23	J	19			
PCB-180	79.7	XBC$_{180/193}$	N.V.P.	N.S.			639	C$_{180/193}$	27.7	104	JC$_{180/193}$	28	94	JC$_{180/193}$	28	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	20	86	J	19	N.D.	U	48	110	J	48			
PCB-181	N.D.	UX	1.38	N.S.			N.D.		19.8	N.D.		20	N.D.		20	N.D.		20	N.D.		8.3	N.D.		7.8	N.D.	U	19	N.D.	U	19			
PCB-182	N.D.	UX	1.32	N.S.			N.D.		22.6	N.D.		22.8	N.D.		23	N.D.		23	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19			
PCB-183	10.5	JXB	N.V.P.	N.S.			176	C$_{183/185}$	49.4	N.D.		49.9	N.D.		51	N.D.	C$_{183/185}$	51	N.D.	C$_{183/185}$	23	28	J	22	N.D.	U	40	N.D.	U	41			
PCB-184	N.D.	UX	1.18	N.S.			N.D.		15.4	N.D.		15.6	N.D.		16	N.D.		16	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19			
PCB-185	1.39	JXE	N.V.P.	N.S.			176	C$_{183/185}$	49.4	N.D.		49.9	N.D.		51	N.D.	C$_{183/185}$	51	N.D.	C$_{183/185}$	23	28	J	22	N.D.	U	40	N.D.	U	41			
PCB-186	N.D.	UX	1.13	N.S.			N.D.		16.3	N.D.		16.4	N.D.		17	N.D.		17	N.D.		11	N.D.		11	N.D.	U	19	N.D.	U	19			
PCB-187	19.8	XB	N.V.P.	N.S.			323		19.4	63.9	J	19.6	74	J I	20	N.D.		20	N.D.		11	58	J	11	N.D.	U	37	73	J	37			
PCB-188	N.D.	UX	1.17	N.S.			N.D.		77.3	N.D.		78.1	N.D.		79	N.D.		79	N.D.		49	N.D.		46	N.D.	U	19	N.D.	U	19			
PCB-189	1.56	JXE	N.V.P.	N.S.			N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		17	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19			
PCB-190	8.31	JXB	N.V.P.	N.S.			54.3	J	18.9	N.D.		19	N.D.		19	N.D.		19	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	19			
PCB-191	N.D.	UX	1.17	N.S.			N.D.		15.2	N.D.		15.4	N.D.		16	N.D.		16	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19			
PCB-192	N.D.	UX	1.21	N.S.			N.D.		17.1	N.D.		17.3	N.D.		18	N.D.		18	N.D.		9.3	N.D.		8.8	N.D.	U	19	N.D.	U	19			
PCB-193	79.7	XBC$_{180/193}$	N.V.P.	N.S.			639	C$_{180/193}$	27.7	104	JC$_{180/193}$	28	94	JC$_{180/193}$	28	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	20	86	J	19	N.D.	U	48	110	J	48			
PCB-194	32.5	XB	N.V.P.	N.S.			282		27.3	53.4	J	27.6	74	J I	28	N.D.		28	N.D.		12	41	J	12	N.D.	U	25	N.D.	U	53			
PCB-195	11.1	JXB	N.V.P.	N.S.			39.0	J	26.6	N.D.		26.8	N.D.		27	N.D.		27	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19			
PCB-196	13	XB	N.V.P.	N.S.			74.4	J	22.7	N.D.		22.9	N.D.		23	N.D.		23	N.D.		11	12	J	11	N.D.	U	19	N.D.	U	19			
PCB-197	N.D.	UX	0.899	N.S.			N.D.	C$_{197/200}$	75.6	N.D.		76.3	N.D.		77	N.D.	C$_{197/200}$	77	N.D.	C$_{197/200}$	15	N.D.	C$_{197/200}$	14	N.D.	U	39	N.D.	U	39			
PCB-198	27.5	XBC$_{198/199}$	N.V.P.	N.S.			478	C$_{198/199}$	47.3	92.1	JC$_{198/199}$	47.8	77	JC$_{198/199}$	48	N.D.	C$_{198/199}$	48	N.D.	C$_{198/199}$	19	74	J	18	N.D.	U	39	110	J	39			
PCB-199	27.5	XBC$_{198/199}$	N.V.P.	N.S.			478	C$_{198/199}$	47.3	92.1	JC$_{198/199}$	47.8	77	JC$_{198/200}$	48	N.D.	C$_{198/199}$	48	N.D.	C$_{198/199}$	19	74	J	18	N.D.	U	39	110	J	39			
PCB-200	2.29	JX	N.V.P.	N.S.			N.D.	C$_{197/200}$	75.6	N.D.		76.3	N.D.		77	N.D.	C$_{197/200}$	77	N.D.	C$_{197/200}$	15	N.D.	C$_{197/200}$	14	N.D.	U	39	N.D.	U	39			
PCB-201	1.86	JXBE	N.V.P.	N.S.			N.D.		94.9	N.D.		95.8	N.D.		97	N.D.		97	N.D.		51	N.D.		48	N.D.	U	19	N.D.	U	19			
PCB-202	1.96	JXB	N.V.P.	N.S.			128		26.8	N.D.		27	N.D.		27	N.D.		27	N.D.		9.3	17	J	8.8	N.D.	U	19	26	J	19			
PCB-203	17.8	XB	N.V.P.	N.S.			225		20.3	41.0	J	20.5	37	J I	21	N.D.		21	N.D.		13	29	J	13	N.D.	U	19	N.D.	U	50			
PCB-204	N.D.	UX	1.01	N.S.			N.D.		21.7	N.D.		21.9	N.D.		22	N.D.		22	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19			
PCB-205	N.D.	UX	1.37	N.S.			N.D.		26.5	N.D.		26.7	N.D.		27	N.D.		27	N.D.		7.3	N.D.		6.8	N.D.	U	19	N.D.	U	19			
PCB-206	8.36	JX	N.V.P.	N.S.			1,110		24	191		24.2	160		25	31	J	25	10	J	7.3	110	J B	6.8	55	J	19	170		56			
PCB-207	N.D.	UX	1.77	N.S.			44.2	J	23.3	N.D.		23.6	N.D.		24	N.D.		24	N.D.		10	N.D.		9.8	N.D.	U	19	N.D.	U	19			
PCB-208	N.D.	UX	1.92	N.S.			292		25.1	52.8	J	25.4	47	J	26	36	J B	26	N.D.		57	N.D.		54	N.D.	U	30	53	J	30			
PCB-209	1.14	JXE	N.V.P.	N.S.			2,170		347	453	J	350	370	J	360	N.D.		350	N.D.		250	N.D.		230	120	J	39	390		39			

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C$_{xx}$ = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
method blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-06																														
Sampling Date	3/24/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/12/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	425.54	-	-	1540.9	-	-	N.D.	-	-	N.D.	-	-	40	-	-	N.D.	-	-	N.D.	-	-	1397	-	-	N.D.	-	-	N.D.	-	-
PCB-1	N.D.	UX	1.54	N.D.		9.61	N.D.		47.6	N.D.		48.1	N.D.		49	N.D.		55	N.D.		19	N.D.		18	N.D.	U	39	N.D.	U	38
PCB-2	N.D.	UX	1.66	N.D.		6.72	N.D.		69.8	N.D.		70.5	N.D.		72	N.D.		81	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	29
PCB-3	N.D.	UX	1.88	N.D.		10.6	N.D.		39.2	N.D.		39.6	N.D.		40	N.D.		45	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	29
PCB-4	N.D.	UX	4.14	N.D.		12.5	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		24	N.D.		22	N.D.	U	28	N.D.	U	28
PCB-5	N.D.	UX	2.74	N.D.		7.68	N.D.		7.39	N.D.		7.46	N.D.		7.6	N.D.		8.5	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-6	N.D.	UX	2.82	N.D.		6.72	N.D.		13.2	N.D.		13.3	N.D.		14	N.D.		15	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-7	N.D.	UX	2.63	N.D.		7.68	N.D.		7.81	N.D.		7.89	N.D.		8	N.D.		9	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-8	N.D.	UX	2.8	N.D.		14.4	N.D.		9.91	N.D.		10	N.D.		10	N.D.		11	N.D.		17	N.D.		16	N.D.	U	28	N.D.	U	28
PCB-9	N.D.	UX	2.99	N.D.		6.72	N.D.		8.27	N.D.		8.35	N.D.		8.5	N.D.		9.6	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-10	N.D.	UX	2.76	N.D.		12.5	N.D.		5.1	N.D.		5.15	N.D.		5.3	N.D.		5.9	N.D.		24	N.D.		22	N.D.	U	19	N.D.	U	19
PCB-11	8.2	JX	N.V.P.	57	JB	32.7	N.D.		128	N.D.		130	N.D.		130	N.D.		150	N.D.		120	N.D.		110	N.D.	U	58	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	2.82	N.D.	$C_{12/13}$	18.3	N.D.	$C_{12/13}$	20.8	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	24	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	2.82	N.D.	$C_{12/13}$	18.3	N.D.	$C_{12/13}$	20.8	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	24	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	19
PCB-14	N.D.	UX	2.45	N.D.		7.68	N.D.		1.89	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-15	N.D.	UX	3.2	N.D.		15.4	N.D.		8.01	N.D.		8.09	N.D.		8.2	N.D.		9.2	N.D.		21	22	J	20	N.D.	U	19	N.D.	U	19
PCB-16	N.D.	UX	5.08	N.D.		8.65	N.D.		1.89	N.D.		5.07	N.D.		5.2	N.D.		5.8	N.D.		15	75		14	N.D.	U	19	N.D.	U	19
PCB-17	N.D.	UX	3.43	N.D.		8.65	N.D.		5.78	N.D.		5.84	N.D.		6	N.D.		6.7	N.D.		12	90		11	N.D.	U	19	N.D.	U	19
PCB-18	N.D.	$UXC_{18/30}$	2.92	N.D.	$C_{18/30}$	15.4	N.D.	$C_{18/30}$	9.43	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	26	200	$C_{18/30}$	23	N.D.	U	39	N.D.	U	38
PCB-19	N.D.	UX	3.87	N.D.		7.68	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		12	35		11	N.D.	U	23	N.D.	U	23
PCB-20	N.D.	$UXC_{20/28}$	2.74	22.3	$JC_{20/28}$	21.1	N.D.	$C_{20/28}$	15.4	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	18	N.D.	$C_{20/28}$	30	84	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-21	4.12	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.2	N.D.	$C_{21/33}$	9.43	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	31	46	J	28	N.D.	U	39	N.D.	U	38
PCB-22	N.D.	UX	2.87	N.D.		8.65	N.D.		5.59	N.D.		5.65	N.D.		5.8	N.D.		6.5	N.D.		15	28	J	14	N.D.	U	19	N.D.	U	19
PCB-23	N.D.	UX	2.7	N.D.		6.72	N.D.		4.75	N.D.		4.8	N.D.		4.9	N.D.		5.5	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-24	N.D.	UX	2.5	N.D.		9.61	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-25	N.D.	UX	2.66	N.D.		7.68	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	2.7	N.D.	$C_{26/29}$	11.5	N.D.	$C_{26/29}$	27.7	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	32	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	38
PCB-27	N.D.	UX	2.52	N.D.		7.68	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		12	13	J I	11	N.D.	U	19	N.D.	U	19
PCB-28	N.D.	$UXC_{20/28}$	2.74	22.3	$JC_{20/28}$	21.1	N.D.	$C_{20/28}$	15.4	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	18	N.D.	$C_{20/28}$	30	84	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-29	N.D.	$UXC_{26/29}$	2.7	N.D.	$C_{26/29}$	11.5	N.D.	$C_{26/29}$	27.7	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	32	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	35	N.D.	U	39	N.D.	U	38
PCB-30	N.D.	$UXC_{18/30}$	2.92	N.D.	$C_{18/30}$	15.4	N.D.	$C_{18/30}$	9.43	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	26	200	$C_{18/30}$	35	N.D.	U	39	N.D.	U	38
PCB-31	N.D.	UX	2.62	18	J	17.3	N.D.		11	N.D.		11.1	N.D.		11	N.D.		13	N.D.		15	100		14	N.D.	U	19	N.D.	U	40
PCB-32	N.D.	UX	2.42	N.D.		7.68	N.D.		4.78	N.D.		4.83	N.D.		4.9	N.D.		5.5	N.D.		8.5	64		7.8	N.D.	U	19	N.D.	U	19
PCB-33	4.12	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.2	N.D.	$C_{21/33}$	9.43	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	31	46	J	28	N.D.	U	39	N.D.	U	38
PCB-34	N.D.	UX	2.8	N.D.		6.72	N.D.		5.5	N.D.		5.55	N.D.		5.7	N.D.		6.3	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-35	N.D.	UX	2.94	N.D.		8.65	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-36	N.D.	UX	2.59	N.D.		7.68	N.D.		6.75	N.D.		6.82	N.D.		7	N.D.		7.8	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-37	N.D.	UX	3.39	N.D.		9.61	N.D.		5.43	N.D.		5.49	N.D.		5.6	N.D.		6.3	N.D.		8.5	10	J	7.8	N.D.	U	19	N.D.	U	24
PCB-38	N.D.	UX	2.84	N.D.		6.72	N.D.		4.72	N.D.		4.76	N.D.		4.9	N.D.		5.4	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-39	N.D.	UX	2.58	N.D.		7.68	N.D.		5.85	N.D.		5.9	N.D.		6	N.D.		6.8	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-40	N.D.	$UXC_{40/71}$	2.13	N.D.	$C_{40/71}$	40.3	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	22	N.D.	$C_{40/71}$	17	24	J	16	N.D.	U	39	N.D.	U	38
PCB-41	N.D.	UX	2.26	N.D.		40.3	N.D.		12.5	N.D.		12.6	N.D.		13	N.D.		14	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-42	N.D.	UX	2.27	N.D.		15.4	N.D.		13.4	N.D.		13.5	N.D.		14	N.D.		15	N.D.		13	16	J I	12	N.D.	U	19	N.D.	U	19
PCB-43	N.D.	UX	3.22	N.D.		13.4	N.D.		9.43	N.D.		9.52	N.D.		9.7	N.D.		11	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-44	66.3	$XC_{44/47/65}$	N.V.P.	54.4	$JC_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	36.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	12	61	J	23	N.D.	U	58	N.D.	U	64
PCB-45	N.D.	UX	1.79	N.D.		21.1	N.D.		10.9	N.D.		11	N.D.		11	N.D.		13	N.D.		19	26	J	18	N.D.	U	19	N.D.	U	19
PCB-46	N.D.	UX	2.53	N.D.		9.61	N.D.		9.43	N.D.		9.52	N.D.		9.7	N.D.		11	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-47	66.3	$XC_{44/47/65}$	N.V.P.	54.4	$JC_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	36.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	12	61	J	23	N.D.	U	58	N.D.	U	64
PCB-48	N.D.	UX	2.07	N.D.		13.4	N.D.		11.9	N.D.		12	N.D.		12	N.D.		14	N.D.		9.6	17	J	8.8	N.D.	U	19	N.D.	U	19
PCB-49	2.36	$JXC_{49/69}$	N.V.P.	25.2	$JC_{49/69}$	25	N.D.	$C_{49/69}$	23.8	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	27	N.D.	$C_{49/69}$	19	34	J	18	N.D.	U	39	N.D.	U	38
PCB-50	N.D.	$UXC_{50/53}$	2.07	N.D.	$C_{50/53}$	24	N.D.	$C_{50/53}$	89.3	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	100	N.D.	$C_{50/53}$	97	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	38
PCB-51	204	X	N.V.P.	N.D.		21.1	N.D.		29.8	N.D.		30.1	N.D.		31	N.D.		34	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-52	2.54	JX	N.V.P.	38.9	J	14.4	N.D.		19.9	N.D.		20.1	N.D.		20	N.D.		23	N.D.		13	59	J	12	N.D.	U	19	N.D.	U	63
PCB-53	N.D.	$UXC_{50/53}$	2.07	N.D.	$C_{50/53}$	24	N.D.	$C_{50/53}$	89.3	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	100	N.D.	$C_{50/53}$	97	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	38
PCB-54	N.D.	UX	1.99	N.D.		13.4	N.D.		9.43	N.D.		9.52	N.D.		9.7	N.D.		11	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-55	N.D.	UX	2.26	N.D.		11.5	N.D.		11.6	N.D.		11.7	N.D.		12	N.D.		13	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-56	N.D.	UX	2.29	51.1		14.4	N.D.		10.2	N.D.		10.3	N.D.		10	N.D.		12	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-57	N.D.	UX	2.22	N.D.		10.6	N.D.		12.9	N.D.		13	N.D.		13	N.D.		15	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-58	N.D.	UX	2.15	N.D.		13.4	N.D.		12.3	N.D.		12.4	N.D.		13	N.D.		14	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-59	N.D.	$JXC_{59/62/75}$	1.54	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-60	N.D.	UX	2.22	26.6	J	13.4	N.D.		11.9	N.D.		12	N.D.		12	N.D.		14	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-61	N.D.	$XC_{61/70/74/}$	2.16	146	$JC_{61/70/74/7}$	56.7	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	52	N.D.	$C_{61/70/74/76}$	32	40	J	29	N.D.	U	77	N.D.	U	76
PCB-62	N.D.	$JXC_{59/62/7}$	1.54	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-63	N.D.	UX	1.96	N.D.		11.5	N.D.		12.2	N.D.		12.3	N.D.		13	N.D.		14	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-64	N.D.	UX	1.45	22.1	J	12.5	N.D.		10.4	N.D.		10.5	N.D.		11	N.D.		12	N.D.		11	24	J	9.8	N.D.	U	19	N.D.	U	19
PCB-65	66.3	$XC_{44/47/65}$	N.V.P.	54.4	$JC_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	36.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	12	61	J	23	N.D.	U	58	N.D.	U	64
PCB-66	N.D.	UX	2.2	84.9		16.3	N.D.		10.4	N.D.		10.5	N.D.		11	N.D.		12	N.D.		12	21	J	11	N.D.	U	19	N.D.	U	19
PCB-67	N.D.	UX	2.1	N.D.		11.5	N.D.		11.6	N.D.		11.7	N.D.		12	N.D.		13	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-68	36.3	X	N.V.P.	N.D.		13.4	N.D.		14.4	N.D.		14.6	N.D.		15	N.D.		17	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-69	2.36	$JXC_{49/69}$	N.V.P.	25.2	$JC_{49/69}$	25	N.D.	$C_{49/69}$	23.8	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	27	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	19	N.D.	U	39	N.D.	U	38
PCB-70	N.D.	$XC_{61/70/74/}$	2.16	146	$JC_{61/70/74/7}$	56.7	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	52	N.D.	$C_{61/70/74/76}$	32	40	J	29	N.D.	U	77	N.D.	U	76
PCB-71	N.D.	$UXC_{40/71}$	2.13	N.D.	$C_{40/71}$	40.3	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	22	N.D.	$C_{40/71}$	17	24	J	16	N.D.	U	39	N.D.	U	38
PCB-72	N.D.	UX	2.15	N.D.		12.5	N.D.		14.8	N.D.		15	N.D.		15	N.D.		17	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-73	N.D.	UX	1.41	N.D.		13.4	N.D.		19.6	N.D.		19.8	N.D.		20	N.D.		23	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-74	N.D.	$XC_{61/70/74/}$	2.16	146	$JC_{61/70/74/7}$	56.7	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	52	N.D.	$C_{61/70/74/76}$	32	40	J	29	N.D.	U	77	N.D.	U	76
PCB-75	N.D.	$JXC_{59/62/7}$	1.54	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.3	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-76	N.D.	$XC_{61/70/74/}$	2.16	146	$JC_{61/70/74/7}$	56.7	N.D.	$C_{61/70/74/76}$	45.2	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	52	N.D.	$C_{61/70/74/76}$	32	40	J	29	N.D.	U	77	N.D.	U	76
PCB-77	N.D.	UX	2.34	14.6	J	13.4	N.D.		9.91	N.D.		10	N.D.		10	N.D.		11	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-78	N.D.	UX	2.39	N.D.		15.4	N.D.		13.3	N.D.		13.4	N.D.		14	N.D.		15	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-79	N.D.	UX	2.01	N.D.		12.5	N.D.		13.4	N.D.		13.5	N.D.		14	N.D.		15	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-80	N.D.	UX	1.93	N.D.		10.6	N.D.		15.7	N.D.		15.8	N.D.		16	N.D.		18	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-81	N.D.	UX	2.51	N.D.		17.3	N.D.		9.43	N.D.		9.52	N.D.		9.7	N.D.		11	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-82	N.D.	UX	1.28	23.6	J	14.4	N.D.		11.6	N.D.		11.7	N.D.		12	N.D.		13	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-83	N.D.	UX	1.15	N.D.		27.9	N.D.		11.9	N.D.		12	N.D.		12	N.D.		14	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-84	N.D.	UX	1.27	19.7		10.6	N.D.		11.2	N.D.		11.3	N.D.		12	N.D.		13	N.D.		27	N.D.		24	N.D.	U	19	N.D.	U	19
PCB-85	N.D.	$UXC_{85/116}$	1.08	N.D.	$C_{85/116/117}$	36.5	N.D.	$C_{85/116/117}$	64.2	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	74	N.D.	$C_{85/116/117}$	36	N.D.	$C_{85/116/117}$	33	N.D.	U	58	N.D.	U	57
PCB-86	2.3	$JXC_{86/87/97/108/119/125}$	N.V.P.	83.3	3/87/97/109/11	71.1	N.D.	87/97/109/11	121	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	110
PCB-87	2.3	$JXC_{86/87/97/108/119/125}$	N.V.P.	83.3	3/87/97/109/11	71.1	N.D.	87/97/109/11	121	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	110
PCB-88	N.D.	UX	1.02	N.D.		21.1	N.D.		14.1	N.D.		14.2	N.D.		14	N.D.		16	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-89	N.D.	UX	1.18	N.D.		12.5	N.D.		14.1	N.D.		14.2	N.D.		14	N.D.		16	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-90	3.54	$XBC_{90/101/1}$	N.V.P.	77.3	$JC_{90/101/11}$	45.1	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	45	N.D.	$C_{90/101/113}$	43	N.D.	$C_{90/101/113}$	39	N.D.	U	58	N.D.	U	57
PCB-91	N.D.	UX	1.11	N.D.		21.1	N.D.		11.2	N.D.		11.3	N.D.		12	N.D.		13	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-92	N.D.	UX	1.13	15.1	J	12.5	N.D.		14.7	N.D.		14.9	N.D.		15	N.D.		17	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-93	N.D.	$UXC_{93/100}$	1.01	N.D.	$C_{93/100}$	74	N.D.	$C_{93/100}$	29.1	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	34	N.D.	$C_{93/100}$	27	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-94	N.D.	UX	1.18	N.D.		12.5	N.D.		13.1	N.D.		13.2	N.D.		13	N.D.		15	N.D.		14	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-95	2.89	JBXE	N.V.P.	N.D.		74	N.D.		14.5	N.D.		14.7	40	J I B	15	N.D.		17	N.D.		13	19	J	12	N.D.	U	19	N.D.	U	19
PCB-96	N.D.	UX	1.23	N.D.		14.4	N.D.		12.2	N.D.		12.3	N.D.		13	N.D.		14	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-97	2.3	$JXC_{86/87/97/108/119/125}$	N.V.P.	83.3	3/87/97/109/11	71.1	N.D.	87/97/109/11	121	N.D.	87/97/109/11	122	N.D.	87/97/109/11	120	N.D.	87/97/109/11	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	120	N.D.	U	110
PCB-98	N.D.	UX	1.55	N.D.	$C_{98/102}$	74	N.D.	$C_{98/102}$	39	N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	45	N.D.	$C_{98/102}$	31	N.D.	$C_{98/102}$	28	N.D.	U	39	N.D.	U	38
PCB-99	1.62	JXE	N.V.P.	50.1	J	27.9	N.D.		13.8	N.D.		13.9	N.D.		14	N.D.		16	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-100	N.D.	$UXC_{93/100}$	1.01	N.D.	$C_{93/100}$	74	N.D.	$C_{93/100}$	29.1	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	34	N.D.	$C_{93/100}$	27	N.D.	$C_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-101	3.54	$XBC_{90/101/1}$	N.V.P.	77.3	$JC_{90/101/11}$	45.1	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	45	N.D.	$C_{90/101/113}$	43	N.D.	$C_{90/101/113}$	39	N.D.	U	58	N.D.	U	57
PCB-102	N.D.	UX	0.916	N.D.	$C_{98/102}$	74	N.D.	$C_{98/102}$	39	N.D.	$C_{98/102}$	39.3	N.D.	$

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-06																														
Sampling Date	3/24/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/12/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
PCB-123	N.D.	UX	0.846	N.D.		16.3	N.D.		12.4	N.D.		12.5	N.D.		13	N.D.		14	N.D.		24	N.D.		22	N.D.	U	19	N.D.	U	19
PCB-124	N.D.	JXC$_{107/12}$	0.84	N.D.	C$_{108/124}$	27.9	N.D.	C$_{108/124}$	30	N.D.	C$_{108/124}$	30.3	N.D.	C$_{108/124}$	31	N.D.	C$_{108/124}$	35	N.D.	C$_{108/124}$	28	N.D.	C$_{108/124}$	25	N.D.	U	39	N.D.	U	38
PCB-125	2.3	JXC$_{86/87/}$ 97/108/119/1 25	N.V.P.	83.3	3/87/97/109/11	71.1	N.D.	(87/97/109/11	121	N.D.	(87/97/109/11	122	N.D.	(87/97/109/11	120	N.D.	(87/97/109/11	140	N.D.	C$_{86/87/97/10}$ 9/119/125	160	N.D.	C$_{86/87/97/1}$ 09/119/125	150	N.D.	U	120	N.D.	U	110
PCB-126	N.D.	UX	1.09	N.D.		15.4	N.D.		15.7	N.D.		15.8	N.D.		16	N.D.		18	N.D.		31	N.D.		28	N.D.	U	19	N.D.	U	19
PCB-127	N.D.	UX	0.836	N.D.		13.4	N.D.		17.6	N.D.		17.8	N.D.		18	N.D.		20	N.D.		7.5	N.D.		6.9	N.D.	U	19	N.D.	U	19
PCB-128	N.D.	JXC$_{128/166}$	0.818	N.D.	C$_{128/166}$	27.9	N.D.	C$_{128/166}$	37.5	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	39	N.D.	C$_{128/166}$	43	N.D.	C$_{128/166}$	19	N.D.	C$_{128/166}$	18	N.D.	U	39	N.D.	U	38
PCB-129	7.67	BC$_{129/138/}$	N.V.P.	94.1	C$_{129/138/16}$	60.5	N.D.	C$_{129/138/163}$	49.3	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	57	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	28	N.D.	U	67	N.D.	U	67
PCB-130	N.D.	UX	0.882	N.D.		12.5	N.D.		17.5	N.D.		17.6	N.D.		18	N.D.		20	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-131	N.D.	UX	0.827	N.D.		16.3	N.D.		15	N.D.		15.1	N.D.		15	N.D.		17	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-132	2.02	JXBE	N.V.P.	22.4	J	15.4	N.D.		14.3	N.D.		14.5	N.D.		15	N.D.		17	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-133	N.D.	UX	0.788	N.D.		11.5	N.D.		17.3	N.D.		17.4	N.D.		18	N.D.		20	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-134	N.D.	UX	0.799	N.D.		31.7	N.D.		14.6	N.D.		14.8	N.D.		15	N.D.		17	N.D.		18	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-135	2.24	XBC$_{135/15}$	N.V.P.	N.D.	C$_{135/151}$	44.2	N.D.	C$_{135/151}$	40.7	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	42	N.D.	C$_{135/151}$	47	N.D.	C$_{135/151}$	34	N.D.	C$_{135/151}$	31	N.D.	U	39	N.D.	U	38
PCB-136	0.944	JXBE	N.V.P.	N.D.		15.4	N.D.		14.2	N.D.		14.3	N.D.		15	N.D.		16	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-137	N.D.	UX	0.717	N.D.		14.4	N.D.		18.2	N.D.		18.4	N.D.		19	N.D.		21	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-138	7.67	BC$_{129/138/}$	N.V.P.	94.1	C$_{129/138/16}$	60.5	N.D.	C$_{129/138/163}$	49.3	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	57	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	28	N.D.	U	67	N.D.	U	67
PCB-139	N.D.	JXC$_{139/14}$	0.738	N.D.	C$_{139/140}$	27.9	N.D.	C$_{139/140}$	31	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	32	N.D.	C$_{139/140}$	36	N.D.	C$_{139/140}$	20	N.D.	C$_{139/140}$	19	N.D.	U	39	N.D.	U	38
PCB-140	N.D.	JXC$_{139/14}$	0.738	N.D.	C$_{139/140}$	27.9	N.D.	C$_{139/140}$	31	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	32	N.D.	C$_{139/140}$	36	N.D.	C$_{139/140}$	20	N.D.	C$_{139/140}$	19	N.D.	U	39	N.D.	U	38
PCB-141	1.54	JXBE	N.V.P.	18.3	J	16.3	N.D.		21.2	N.D.		21.4	N.D.		22	N.D.		25	N.D.		6.4	N.D.		5.9	N.D.	U	22	N.D.	U	22
PCB-142	N.D.	UX	0.861	N.D.		16.3	N.D.		16.8	N.D.		17	N.D.		17	N.D.		19	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-143	N.D.	UX	0.88	N.D.		31.7	N.D.		16.1	N.D.		16.3	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-144	N.D.	UX	0.75	N.D.		14.4	N.D.		15.8	N.D.		15.9	N.D.		16	N.D.		18	N.D.		22	N.D.		21	N.D.	U	19	N.D.	U	19
PCB-145	N.D.	UX	0.718	N.D.		15.4	N.D.		14.5	N.D.		14.7	N.D.		15	N.D.		17	N.D.		25	N.D.		23	N.D.	U	19	N.D.	U	19
PCB-146	N.D.	UX	0.725	14	J	13.4	N.D.		14.7	N.D.		14.9	N.D.		15	N.D.		17	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-147	3.9	KBEC$_{147/1}$	N.V.P.	52.7	JC$_{147/149}$	33.6	N.D.	C$_{147/149}$	27.1	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	28	N.D.	C$_{147/149}$	31	N.D.	C$_{147/149}$	21	N.D.	C$_{147/149}$	20	N.D.	U	41	N.D.	U	41
PCB-148	N.D.	UX	0.745	N.D.		13.4	N.D.		15	N.D.		15.1	N.D.		15	N.D.		17	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-149	3.9	KBEC$_{147/1}$	N.V.P.	52.7	JC$_{147/149}$	33.6	N.D.	C$_{147/149}$	27.1	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	28	N.D.	C$_{147/149}$	31	N.D.	C$_{147/149}$	21	N.D.	C$_{147/149}$	20	N.D.	U	41	N.D.	U	41
PCB-150	N.D.	UX	0.729	N.D.		14.4	N.D.		15.8	N.D.		15.9	N.D.		16	N.D.		18	N.D.		20	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-151	2.24	XBC$_{135/15}$	N.V.P.	N.D.	C$_{135/151}$	44.2	N.D.	C$_{135/151}$	40.7	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	42	N.D.	C$_{135/151}$	47	N.D.	C$_{135/151}$	34	N.D.	C$_{135/151}$	34	N.D.	U	39	N.D.	U	38
PCB-152	N.D.	UX	0.645	N.D.		13.4	N.D.		13.8	N.D.		13.9	N.D.		14	N.D.		16	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-153	5.38	XBC$_{153/16}$	N.V.P.	80.5	JBC$_{153/168}$	28.8	N.D.	C$_{153/168}$	28.9	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	30	N.D.	C$_{153/168}$	33	N.D.	C$_{153/168}$	19	N.D.	C$_{153/168}$	18	N.D.	U	49	N.D.	U	49
PCB-154	N.D.	UX	0.678	N.D.		44.2	N.D.		44.2	N.D.		44.6	N.D.		45	N.D.		51	N.D.		48	N.D.		44	N.D.	U	19	N.D.	U	19
PCB-155	N.D.	UX	0.714	N.D.		13.4	N.D.		14.8	N.D.		15	N.D.		15	N.D.		17	N.D.		21	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-156	N.D.	JXC$_{156/15}$	0.977	N.D.	C$_{156/157}$	22.1	N.D.	C$_{156/157}$	32.9	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	34	N.D.	C$_{156/157}$	38	N.D.	C$_{156/157}$	31	N.D.	C$_{156/157}$	28	N.D.	U	39	N.D.	U	38
PCB-157	N.D.	JXC$_{156/15}$	0.977	N.D.	C$_{156/157}$	22.1	N.D.	C$_{156/157}$	32.9	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	34	N.D.	C$_{156/157}$	38	N.D.	C$_{156/157}$	31	N.D.	C$_{156/157}$	28	N.D.	U	39	N.D.	U	38
PCB-158	N.D.	JBXE	0.571	N.D.		15.4	N.D.		17.6	N.D.		17.8	N.D.		18	N.D.		20	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-159	N.D.	UX	0.695	N.D.		13.4	N.D.		19	N.D.		19.1	N.D.		20	N.D.		22	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-160	N.D.	UX	0.665	N.D.		60.5	N.D.		18.7	N.D.		18.9	N.D.		19	N.D.		22	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-161	N.D.	UX	0.586	N.D.		12.5	N.D.		16.3	N.D.		16.5	N.D.		17	N.D.		19	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-162	N.D.	UX	0.697	N.D.		12.5	N.D.		18.5	N.D.		18.7	N.D.		19	N.D.		21	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-163	7.67	BC$_{129/138/}$	N.V.P.	94.1	C$_{129/138/16}$	60.5	N.D.	C$_{129/138/163}$	49.3	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	57	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	28	N.D.	U	67	N.D.	U	67
PCB-164	N.D.	UX	0.606	N.D.		14.4	N.D.		16.6	N.D.		16.8	N.D.		17	N.D.		19	N.D.		7.5	N.D.		6.9	N.D.	U	19	N.D.	U	19
PCB-165	N.D.	UX	0.635	N.D.		12.5	N.D.		16.3	N.D.		16.5	N.D.		17	N.D.		19	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-166	N.D.	JXC$_{128/166}$	0.818	N.D.	C$_{128/166}$	27.9	N.D.	C$_{128/166}$	37.5	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	39	N.D.	C$_{128/166}$	43	N.D.	C$_{128/166}$	19	N.D.	C$_{128/166}$	18	N.D.	U	39	N.D.	U	38
PCB-167	N.D.	UX	0.702	N.D.		12.5	N.D.		16	N.D.		16.2	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-168	5.38	XBC$_{153/16}$	N.V.P.	80.5	JBC$_{153/168}$	28.8	N.D.	C$_{153/168}$	28.9	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	30	N.D.	C$_{153/168}$	33	N.D.	C$_{153/168}$	19	N.D.	C$_{153/168}$	18	N.D.	U	49	N.D.	U	49
PCB-169	N.D.	UX	0.817	N.D.		14.4	N.D.		17.5	N.D.		17.7	N.D.		18	N.D.		20	N.D.		19	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-170	7.25	JXB	N.V.P.	29.2	J	11.5	N.D.		16.7	N.D.		16.9	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	40	N.D.	U	40
PCB-171	N.D.	JXC$_{171/17}$	1.29	N.D.	C$_{171/173}$	28.8	N.D.	C$_{171/173}$	35.5	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	41	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	16	N.D.	U	39	N.D.	U	38
PCB-172	N.D.	UX	1.26	N.D.		12.5	N.D.		14.9	N.D.		15	N.D.		15	N.D.		17	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-173	N.D.	JXC$_{171/17}$	1.29	N.D.	C$_{171/173}$	28.8	N.D.	C$_{171/173}$	35.5	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	41	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	16	N.D.	U	39	N.D.	U	38
PCB-174	4.87	JXB	N.V.P.	24.5	J	14.4	N.D.		16.6	N.D.		16.8	N.D.		17	N.D.		19	N.D.		12	12	J I	11	N.D.	U	45	N.D.	U	45
PCB-175	N.D.	UX	1.19	N.D.		13.4	N.D.		19.7	N.D.		19.9	N.D.		20	N.D.		23	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-176	N.D.	UX	0.828	N.D.		11.5	N.D.		15.2	N.D.		15.3	N.D.		16	N.D.		18	N.D.		6.4	N.D.		5.9	N.D.	U	19	N.D.	U	19
PCB-177	2.76	JXB	N.V.P.	15.4	J	10.6	N.D.		16.9	N.D.		17	N.D.		17	N.D.		19	N.D.		9.6	N.D.		8.8	N.D.	U	23	N.D.	U	23
PCB-178	N.D.	UX	1.19	N.D.		13.4	N.D.		25	N.D.		25.2	N.D.		26	N.D.		29	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-179	1.93	JXB	N.V.P.	N.D.		13.4	N.D.		13.3	N.D.		13.4	N.D.		14	N.D.		15	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-180	15.2	XBC$_{180/193}$	N.V.P.	N.D.	C$_{180/193}$	28.8	N.D.	C$_{180/193}$	27.5	N.D.	C$_{180/193}$	27.7	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	32	N.D.	C$_{180/193}$	20	47	J B	19	N.D.	U	48	N.D.	U	48
PCB-181	1.14	UX	N.V.P.	N.D.		12.5	N.D.		19.6	N.D.		19.8	N.D.		20	N.D.		23	N.D.		8.5	N.D.		7.8	N.D.	U	19	N.D.	U	19
PCB-182	N.D.	UX	1.09	N.D.		12.5	N.D.		22.4	N.D.		22.6	N.D.		23	N.D.		26	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-183	2.63	JXB	N.V.P.	N.D.	C$_{183/185}$	26.9	N.D.	C$_{183/185}$	49	N.D.	C$_{183/185}$	49.4	N.D.	C$_{183/185}$	50	N.D.	C$_{183/185}$	57	N.D.	C$_{183/185}$	24	N.D.	C$_{183/185}$	22	N.D.	U	40	N.D.	U	40
PCB-184	N.D.	UX	0.917	N.D.		13.4	N.D.		15.3	N.D.		15.4	N.D.		16	N.D.		18	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-185	N.D.	UX	1.14	N.D.	C$_{183/185}$	26.9	N.D.	C$_{183/185}$	49	N.D.	C$_{183/185}$	49.4	N.D.	C$_{183/185}$	50	N.D.	C$_{183/185}$	57	N.D.	C$_{183/185}$	24	N.D.	C$_{183/185}$	22	N.D.	U	40	N.D.	U	40
PCB-186	N.D.	UX	0.878	N.D.		14.4	N.D.		16.1	N.D.		16.3	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-187	4.3	JXB	N.V.P.	40.6	J	16.3	N.D.		19.2	N.D.		19.4	N.D.		20	N.D.		22	N.D.		12	21	J B	11	N.D.	U	37	N.D.	U	36
PCB-188	N.D.	UX	0.906	N.D.		14.4	N.D.		76.6	N.D.		77.3	N.D.		79	N.D.		88	N.D.		50	N.D.		46	N.D.	U	19	N.D.	U	19
PCB-189	N.D.	UX	0.99	N.D.		12.5	N.D.		16.6	N.D.		16.8	N.D.		17	N.D.		19	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-190	N.D.	UX	1.03	N.D.		13.4	N.D.		18.7	N.D.		18.9	N.D.		19	N.D.		22	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-191	N.D.	UX	0.958	N.D.		12.5	N.D.		15.1	N.D.		15.2	N.D.		16	N.D.		17	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-192	N.D.	UX	0.997	N.D.		12.5	N.D.		17	N.D.		17.1	N.D.		17	N.D.		20	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-193	15.2	XBC$_{180/193}$	N.V.P.	N.D.	C$_{180/193}$	28.8	N.D.	C$_{180/193}$	27.5	N.D.	C$_{180/193}$	27.7	N.D.	C$_{180/193}$	28	N.D.	C$_{180/193}$	32	N.D.	C$_{180/193}$	20	47	J B	19	N.D.	U	48	N.D.	U	48
PCB-194	6.16	JXB	N.V.P.	22.7	J	17.3	N.D.		27.1	N.D.		27.3	N.D.		28	N.D.		31	N.D.		13	57	J B	12	N.D.	U	25	N.D.	U	52
PCB-195	1.97	JXB	N.V.P.	N.D.		21.1	N.D.		26.3	N.D.		26.6	N.D.		27	N.D.		30	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-196	2.54	JXBE	N.V.P.	N.D.		19.2	N.D.		22.5	N.D.		22.7	N.D.		23	N.D.		26	N.D.		12	19	J B	11	N.D.	U	19	N.D.	U	19
PCB-197	N.D.	UX	0.672	N.D.	C$_{197/200}$	41.3	N.D.	C$_{197/200}$	74.9	N.D.	C$_{197/200}$	75.6	N.D.	C$_{197/200}$	77	N.D.	C$_{197/200}$	86	N.D.	C$_{197/200}$	15	N.D.	C$_{197/200}$	15	N.D.	U	39	N.D.	U	38
PCB-198	4.8	XBC$_{198/19}$	N.V.P.	N.D.	C$_{198/199}$	35.5	N.D.	C$_{198/199}$	46.9	N.D.	C$_{198/199}$	47.3	N.D.	C$_{198/199}$	48	N.D.	C$_{198/199}$	54	N.D.	C$_{198/199}$	19	60	J B	18	N.D.	U	39	N.D.	U	38
PCB-199	4.8	XBC$_{198/19}$	N.V.P.	N.D.	C$_{198/199}$	35.5	N.D.	C$_{198/199}$	46.9	N.D.	C$_{198/199}$	47.3	N.D.	C$_{198/199}$	48	N.D.	C$_{198/199}$	54	N.D.	C$_{198/199}$	19	60	J B	18	N.D.	U	39	N.D.	U	38
PCB-200	N.D.	UX	0.783	N.D.	C$_{197/200}$	41.3	N.D.	C$_{197/200}$	74.9	N.D.	C$_{197/200}$	75.6	N.D.	C$_{197/200}$	77	N.D.	C$_{197/200}$	86	N.D.	C$_{197/200}$	15	N.D.	C$_{197/200}$	15	N.D.	U	39	N.D.	U	38
PCB-201	N.D.	UX	0.709	N.D.		19.2	N.D.		94	N.D.		94.9	N.D.		97	N.D.		110	N.D.		52	N.D.		48	N.D.	U	19	N.D.	U	19
PCB-202	N.D.	UX	0.805	N.D.		23.1	N.D.		26.5	N.D.		26.8	N.D.		27	N.D.		31	N.D.		9.6	N.D.		8.8	N.D.	U	19	N.D.	U	19
PCB-203	3.49	JXB	N.V.P.	N.D.		17.3	N.D.		20.1	N.D.		20.3	N.D.		21	N.D.		23	N.D.		14	21	J B	13	N.D.	U	19	N.D.	U	50
PCB-204	N.D.	UX	0.757	N.D.		20.2	N.D.		21.5	N.D.		21.7	N.D.		22	N.D.		25	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-205	N.D.	UX	1	N.D.		14.4	N.D.		26.2	N.D.		26.5	N.D.		27	N.D.		30	N.D.		7.5	N.D.		6.9	N.D.	U	19	N.D.	U	19
PCB-206	N.D.	UX	2.58	N.D.		15.4	N.D.		23.8	N.D.		24	N.D.		24	N.D.		27	N.D.		7.5	52	J B	6.9	N.D.	U	19	N.D.	U	55
PCB-207	N.D.	UX	1.66	N.D.		18.3	N.D.		23.1	N.D.		23.3	N.D.		24	N.D.		27	N.D.		11	N.D.		9.8	N.D.	U	19	N.D.	U	19
PCB-208	N.D.	UX	1.79	N.D.		15.4	N.D.		24.9	N.D.		25.1	N.D.		26	N.D.		29	N.D.		59	N.D.		54	N.D.	U	30	N.D.	U	30
PCB-209	N.D.	UX	1.15	18.4	J	15.4	N.D.		343	N.D.		347	N.D.		350	N.D.		400	N.D.		260	N.D.		230	N.D.	U	39	N.D.	U	38

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D.	Analyte was not detected
	Substance was detected in the method blank, not considered to represent actual groundwater conditions
N.S.	Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-07																														
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	431.36	-	-	30.5	-	-	69.8	-	-	N.D.	-	-	39	-	-	N.D.	-	-	N.D.	-	-	1559	-	-	N.D.	-	-	3062	-	-
PCB-1	N.D.	UX	2.25	N.D.		9.68	N.D.		49	N.D.		49	N.D.		49	N.D.		57	N.D.		18	N.D.		19	N.D.	U	40	N.D.	U	38
PCB-2	4.93	JX	N.V.P.	N.D.		6.78	N.D.		71.8	N.D.		71.8	N.D.		72	N.D.		83	N.D.		16	N.D.		17	N.D.	U	20	N.D.	U	29
PCB-3	N.D.	UX	2.73	N.D.		10.6	N.D.		40.4	N.D.		40.4	N.D.		41	N.D.		47	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	29
PCB-4	N.D.	UX	3.87	N.D.		12.6	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		22	N.D.		23	N.D.	U	29	N.D.	U	28
PCB-5	N.D.	UX	4.47	N.D.		7.74	N.D.		7.6	N.D.		7.6	N.D.		7.7	N.D.		8.8	N.D.		20	N.D.		21	N.D.	U	20	N.D.	U	19
PCB-6	N.D.	UX	4.52	N.D.		6.78	N.D.		13.6	N.D.		13.6	N.D.		14	N.D.		16	N.D.		18	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-7	N.D.	UX	4.4	N.D.		7.74	N.D.		8.04	N.D.		8.04	N.D.		8.1	N.D.		9.3	N.D.		16	N.D.		17	N.D.	U	20	N.D.	U	19
PCB-8	N.D.	UX	4.41	N.D.		14.5	N.D.		10.2	N.D.		10.2	N.D.		10	N.D.		12	N.D.		16	N.D.		17	N.D.	U	29	N.D.	U	28
PCB-9	N.D.	UX	4.94	N.D.		6.78	N.D.		8.51	N.D.		8.51	N.D.		8.6	N.D.		9.9	N.D.		17	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-10	N.D.	UX	2.55	N.D.		12.6	N.D.		5.25	N.D.		5.25	N.D.		5.3	N.D.		6.1	N.D.		22	N.D.		23	N.D.	U	20	N.D.	U	19
PCB-11	9.96	JX	N.V.P.	N.D.		32.9	N.D.		132	N.D.		132	N.D.		130	N.D.		150	N.D.		110	N.D.		110	N.D.	U	59	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	4.6	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	25	N.D.	$C_{12/13}$	34	N.D.	$C_{12/13}$	36	N.D.	U	20	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	4.6	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	25	N.D.	$C_{12/13}$	34	N.D.	$C_{12/13}$	36	N.D.	U	20	N.D.	U	19
PCB-14	N.D.	UX	3.96	N.D.		7.74	N.D.		1.94	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		20	N.D.		21	N.D.	U	20	N.D.	U	19
PCB-15	N.D.	UX	4.93	N.D.		15.5	N.D.		8.24	N.D.		8.24	N.D.		8.3	N.D.		9.6	N.D.		20	N.D.		21	N.D.	U	20	N.D.	U	19
PCB-16	N.D.	UX	8.03	N.D.		8.71	N.D.		1.94	N.D.		5.17	N.D.		5.2	N.D.		6	N.D.		14	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-17	N.D.	UX	4.6	N.D.		8.71	N.D.		5.95	N.D.		5.95	N.D.		6	N.D.		6.9	N.D.		11	95		12	N.D.	U	20	N.D.	U	19
PCB-18	N.D.	$UXC_{18/30}$	3.96	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	24	190	$C_{18/30}$	25	N.D.	U	40	N.D.	U	38
PCB-19	N.D.	UX	5.16	N.D.		7.74	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		11	29	J	11	N.D.	U	24	N.D.	U	23
PCB-20	N.D.	$UXC_{20/28}$	4.25	N.D.	$C_{20/28}$	21.3	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	18	N.D.	$C_{20/28}$	28	120	$C_{20/28}$	29	N.D.	U	40	N.D.	U	38
PCB-21	N.D.	$UXC_{21/33}$	4.11	N.D.	$C_{21/33}$	20.3	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	29	74	J	30	N.D.	U	40	N.D.	U	38
PCB-22	N.D.	UX	4.41	N.D.		8.71	N.D.		5.76	N.D.		5.76	N.D.		5.8	N.D.		6.7	N.D.		14	40	J	14	N.D.	U	20	N.D.	U	19
PCB-23	N.D.	UX	4.25	N.D.		6.78	N.D.		4.89	N.D.		4.89	N.D.		4.9	N.D.		5.7	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-24	N.D.	UX	3.18	N.D.		9.68	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		17	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-25	N.D.	UX	4.11	N.D.		7.74	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		13	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	4.15	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	33	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	38	N.D.	U	40	N.D.	U	38
PCB-27	N.D.	UX	3.33	N.D.		7.74	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		11	14	J I	12	N.D.	U	20	N.D.	U	19
PCB-28	N.D.	$UXC_{20/28}$	4.25	N.D.	$C_{20/28}$	21.3	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	18	N.D.	$C_{20/28}$	28	120	$C_{20/28}$	29	N.D.	U	40	N.D.	U	38
PCB-29	N.D.	$UXC_{26/29}$	4.15	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	33	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	38	N.D.	U	40	N.D.	U	38
PCB-30	N.D.	$UXC_{18/30}$	3.96	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	24	190	$C_{18/30}$	25	N.D.	U	40	N.D.	U	38
PCB-31	N.D.	UX	3.91	N.D.		17.4	N.D.		11.4	N.D.		11.4	N.D.		11	N.D.		13	N.D.		14	140		15	N.D.	U	20	N.D.	U	40
PCB-32	N.D.	UX	3.23	N.D.		7.74	N.D.		4.92	N.D.		4.92	N.D.		5	N.D.		5.7	N.D.		7.9	58		8.4	N.D.	U	20	N.D.	U	19
PCB-33	N.D.	$UXC_{21/33}$	4.11	N.D.	$C_{21/33}$	20.3	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	29	74	J	30	N.D.	U	40	N.D.	U	38
PCB-34	N.D.	UX	4.36	N.D.		6.78	N.D.		5.66	N.D.		5.66	N.D.		5.7	N.D.		6.6	N.D.		17	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-35	N.D.	UX	4.5	N.D.		8.71	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		19	N.D.		20	N.D.	U	20	N.D.	U	19
PCB-36	N.D.	UX	4.04	N.D.		7.74	N.D.		6.95	N.D.		6.95	N.D.		7	N.D.		8.1	N.D.		14	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-37	N.D.	UX	5.05	N.D.		9.68	N.D.		5.59	N.D.		5.59	N.D.		5.6	N.D.		6.5	N.D.		7.9	13	J	8.4	N.D.	U	20	N.D.	U	19
PCB-38	N.D.	UX	4.23	N.D.		6.78	N.D.		4.85	N.D.		4.85	N.D.		4.9	N.D.		5.6	N.D.		17	N.D.		17	N.D.	U	20	N.D.	U	24
PCB-39	N.D.	UX	3.91	N.D.		7.74	N.D.		6.02	N.D.		6.02	N.D.		6.1	N.D.		7	N.D.		18	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-40	N.D.	$UXC_{40/71}$	3.54	N.D.	$C_{40/71}$	40.7	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	23	N.D.	$C_{40/71}$	16	29	J	17	N.D.	U	20	N.D.	U	19
PCB-41	N.D.	UX	3.7	N.D.		40.7	N.D.		12.8	N.D.		12.8	N.D.		13	N.D.		15	N.D.		11	13	J	12	N.D.	U	40	N.D.	U	38
PCB-42	N.D.	UX	3.7	N.D.		15.5	N.D.		13.8	N.D.		13.8	N.D.		14	N.D.		16	N.D.		12	19	J	13	N.D.	U	20	N.D.	U	19
PCB-43	N.D.	UX	4.77	N.D.		13.6	N.D.		9.71	N.D.		9.71	N.D.		9.8	N.D.		11	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-44	21.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	44.6	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	44	N.D.	$C_{44/47/65}$	24	76	J	25	N.D.	U	59	110	J	64
PCB-45	N.D.	UX	2.84	N.D.		21.3	N.D.		11.3	N.D.		11.3	N.D.		11	N.D.		13	N.D.		18	25	J	19	N.D.	U	20	24	J I	19
PCB-46	N.D.	UX	4.02	N.D.		9.68	N.D.		9.71	N.D.		9.71	N.D.		9.8	N.D.		11	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-47	21.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	44.6	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	44	N.D.	$C_{44/47/65}$	24	76	J	25	N.D.	U	59	110	J	64
PCB-48	N.D.	UX	3.27	N.D.		13.6	N.D.		12.2	N.D.		12.2	N.D.		12	N.D.		14	N.D.		8.9	25	J I	8.7	N.D.	U	20	N.D.	U	19
PCB-49	N.D.	$UXC_{49/69}$	2.8	N.D.	$C_{49/69}$	25.2	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	28	N.D.	$C_{49/69}$	18	41	J	19	N.D.	U	40	N.D.	U	38
PCB-50	N.D.	$UXC_{50/53}$	3.32	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	90	N.D.	$C_{50/53}$	96	N.D.	U	40	N.D.	U	38
PCB-51	110	X	N.V.P.	N.D.		21.3	N.D.		30.7	N.D.		30.7	N.D.		31	N.D.		36	N.D.		13	N.D.		14	N.D.	U	20	24	J I	19
PCB-52	3.33	JXE		N.D.		14.5	N.D.		20.5	N.D.		20.5	N.D.		21	N.D.		24	N.D.		12	75	J	13	N.D.	U	20	N.D.	U	63
PCB-53	N.D.	$UXC_{50/53}$	3.32	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	90	N.D.	$C_{50/53}$	96	N.D.	U	40	N.D.	U	38
PCB-54	N.D.	UX	2.48	N.D.		13.6	N.D.		9.71	N.D.		9.71	N.D.		9.8	N.D.		11	N.D.		18	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-55	N.D.	UX	3.46	N.D.		11.6	N.D.		11.9	N.D.		11.9	N.D.		12	N.D.		14	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-56	N.D.	UX	3.24	N.D.		14.5	N.D.		10.5	N.D.		10.5	N.D.		11	N.D.		12	N.D.		14	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-57	N.D.	UX	3.25	N.D.		10.6	N.D.		13.3	N.D.		13.3	N.D.		13	N.D.		15	N.D.		12	N.D.		13	N.D.	U	20	N.D.	U	19
PCB-58	N.D.	UX	2.99	N.D.		13.6	N.D.		12.6	N.D.		12.6	N.D.		13	N.D.		15	N.D.		11	N.D.		12	N.D.	U	20	45	J	19
PCB-59	N.D.	$JXC_{59/62/75}$	2.43	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	47	N.D.	$C_{59/62/75}$	25	N.D.	$C_{59/62/75}$	26	N.D.	U	59	N.D.	U	57
PCB-60	N.D.	UX	3.19	N.D.		13.6	N.D.		12.2	N.D.		12.2	N.D.		12	N.D.		14	N.D.		8.9	N.D.		9.5	N.D.	U	20	N.D.	U	19
PCB-61	N.D.	$XC_{61/70/74/76}$	3.09	N.D.	$C_{61/70/74/76}$	57.1	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	54	N.D.	$C_{61/70/74/76}$	30	45	J	32	N.D.	U	79	N.D.	U	76
PCB-62	N.D.	$JXC_{59/62/75}$	2.43	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	47	N.D.	$C_{59/62/75}$	25	N.D.	$C_{59/62/75}$	26	N.D.	U	59	N.D.	U	57
PCB-63	N.D.	UX	2.85	N.D.		11.6	N.D.		12.5	N.D.		12.5	N.D.		13	N.D.		15	N.D.		13	N.D.		14	N.D.	U	20	89		19
PCB-64	N.D.	UX	2.31	N.D.		12.6	N.D.		10.7	N.D.		10.7	N.D.		11	N.D.		12	N.D.		9.9	35	J	11	N.D.	U	20	N.D.	U	19
PCB-65	21.2	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	44.6	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	44	N.D.	$C_{44/47/65}$	24	76	J	25	N.D.	U	59	110	J	64
PCB-66	N.D.	UX	3.09	N.D.		16.5	12.1		10.7	N.D.		10.7	N.D.		11	N.D.		12	N.D.		11	22	J I	12	N.D.	U	20	27	J I	19
PCB-67	N.D.	UX	3.14	N.D.		11.6	N.D.		11.9	N.D.		11.9	N.D.		12	N.D.		14	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-68	22.2	X	N.V.P.	N.D.		13.6	N.D.		14.9	N.D.		14.9	N.D.		15	N.D.		17	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-69	N.D.	$UXC_{49/69}$	2.8	N.D.	$C_{49/69}$	25.2	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	28	N.D.	$C_{49/69}$	18	N.D.	$C_{49/69}$	18	N.D.	U	40	N.D.	U	38
PCB-70	N.D.	$XC_{61/70/74/76}$	3.09	N.D.	$C_{61/70/74/76}$	57.1	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	54	N.D.	$C_{61/70/74/76}$	30	45	J	32	N.D.	U	79	N.D.	U	76
PCB-71	N.D.	$UXC_{40/71}$	3.45	N.D.	$C_{40/71}$	40.7	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	23	N.D.	$C_{40/71}$	16	29	J	17	N.D.	U	40	N.D.	U	38
PCB-72	N.D.	UX	3.17	N.D.		12.6	N.D.		15.2	N.D.		15.2	N.D.		15	N.D.		18	N.D.		8.9	N.D.		9.5	N.D.	U	20	N.D.	U	19
PCB-73	N.D.	UX	2.41	N.D.		13.6	N.D.		20.2	N.D.		20.2	N.D.		20	N.D.		23	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-74	N.D.	$XC_{61/70/74/76}$	3.09	N.D.	$C_{61/70/74/76}$	57.1	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	54	N.D.	$C_{61/70/74/76}$	30	45	J	32	N.D.	U	79	N.D.	U	76
PCB-75	N.D.	$JXC_{59/62/75}$	2.43	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	47	N.D.	$C_{59/62/75}$	25	N.D.	$C_{50/62/75}$	26	N.D.	U	59	N.D.	U	57
PCB-76	N.D.	$XC_{61/70/74/76}$	3.09	N.D.	$C_{61/70/74/76}$	57.1	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	54	N.D.	$C_{61/70/74/76}$	30	45	J	32	N.D.	U	79	N.D.	U	76
PCB-77	N.D.	UX	3.84	N.D.		13.6	N.D.		10.2	N.D.		10.2	N.D.		10	N.D.		12	N.D.		19	N.D.		20	N.D.	U	20	N.D.	U	19
PCB-78	N.D.	UX	3.37	N.D.		15.5	N.D.		13.7	N.D.		13.7	N.D.		14	N.D.		16	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-79	N.D.	UX	2.82	N.D.		12.6	N.D.		13.8	N.D.		13.8	N.D.		14	N.D.		16	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-80	N.D.	UX	2.77	N.D.		10.6	N.D.		16.1	N.D.		16.1	N.D.		16	N.D.		19	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-81	N.D.	UX	3.56	N.D.		17.4	N.D.		9.71	N.D.		9.71	N.D.		9.8	N.D.		11	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-82	N.D.	UX	2.05	N.D.		14.5	N.D.		11.9	N.D.		11.9	N.D.		12	N.D.		14	N.D.		13	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-83	N.D.	UX	1.61	N.D.		28.1	N.D.		12.2	N.D.		12.2	N.D.		12	N.D.		14	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-84	N.D.	UX	2.04	N.D.		10.6	N.D.		11.6	N.D.		11.6	N.D.		12	N.D.		13	N.D.		25	N.D.		26	N.D.	U	20	N.D.	U	19
PCB-85	N.D.	$UXC_{85/116/117}$	1.61	N.D.	$C_{85/116/117}$	36.8	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	77	N.D.	$C_{85/116/117}$	34	N.D.	$C_{85/116/117}$	36	N.D.	U	59	340		57
PCB-86	N.D.	$UXC_{86/87/97/108/119/125}$	1.5	N.D.	$C_{87/97/109/11}$	71.6	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	U	120	140	J	110
PCB-87	N.D.	$UXC_{86/87/97/108/119/125}$	1.5	N.D.	$C_{87/97/109/11}$	71.6	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	U	120	140	J	110
PCB-88	N.D.	UX	1.7	N.D.		21.3	N.D.		14.5	N.D.		14.5	N.D.		15	N.D.		17	N.D.		17	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-89	N.D.	UX	1.91	N.D.		12.6	N.D.		14.5	N.D.		14.5	N.D.		15	N.D.		17	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-90	4.69	$XBC_{90/101/113}$	N.V.P.	N.D.	$C_{90/101/113}$	45.5	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	47	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	42	N.D.	U	59	120	J I	57
PCB-91	N.D.	UX	1.74	N.D.		21.3	N.D.		11.6	N.D.		11.6	N.D.		12	N.D.		13	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-92	N.D.	UX	1.82	N.D.		12.6	N.D.		15.1	N.D.		15.1	N.D.		15	N.D.		18	N.D.		12	N.D.		13	N.D.	U	20	89	I	19
PCB-93	N.D.	$UXC_{93/100}$	1.5	N.D.	$C_{93/100}$	74.5	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	35	N.D.	$C_{93/100}$	25	N.D.	$C_{93/100}$	26	N.D.	U	40	N.D.	U	38
PCB-94	N.D.	UX	1.88	N.D.		12.6	N.D.		13.5	N.D.		13.5	N.D.		14	N.D.		16	N.D.		13	N.D.		14	N.D.	U	20	N.D.	U	19
PCB-95	2.25	JBXE	N.V.P.	N.D.		74.5	N.D.		15	N.D.		15	39	J I B	15	N.D.		17	N.D.		12	16	J	13	N.D.	U	20	27	J I	19
PCB-96	N.D.	UX	1.66	N.D.		14.5	N.D.		12.5	N.D.		12.5	N.D.		13	N.D.		15	N.D.		18	N.D.		19	N.D.	U	20	N.D.	U	19
PCB-97	N.D.	$UXC_{86/87/97/108/119/125}$	1.5	N.D.	$C_{87/97/109/11}$	71.6	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	124	N.D.	$C_{87/97/109/11}$	130	N.D.	$C_{87/97/109/11}$	140	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	U	120	140	J	110
PCB-98	N.D.	UX	2.43	N.D.	$C_{98/102}$	74.5	N.D.	$C_{98/102}$	40.1	N.D.	$C_{98/102}$	40.1	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	47	N.D.	$C_{98/102}$	29	N.D.	$C_{98/102}$	30	N.D.	U	40	N.D.	U	38
PCB-99	N.D.	UX	1.74	N.D.		28.1	N.D.		14.2	N.D.		14.2	N.D.		14	N.D.		16	N.D.		12	N.D.		13	N.D.	U	20	40	J I	19
PCB-100	N.D.	$UXC_{93/100}$	1.5	N.D.	$C_{93/100}$	74.5	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	35	N.D.	$C_{93/100}$	25	N.D.	$C_{93/100}$	26	N.D.	U	40	N.D.	U	38
PCB-101	4.69	$XBC_{90/101/113}$	N.V.P.	N.D.	$C_{90/101/113}$	45.5	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	47	N.D.	$C_{90/101/113}$	39	N.D.	$C_{90/101/113}$	42	N.D.	U	59	120	J I	57
PCB-102	N.D.	UX	1.7	N.D.	$C

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-07																														
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
PCB-158	1.42	JBXE	N.V.P.	N.D.		15.5	N.D.		18.2	N.D.		18.2	N.D.		18	N.D.		21	N.D.		11	N.D.		12	N.D.	U	20	N.D.	U	19
PCB-159	N.D.	UX	1.29	N.D.		13.6	N.D.		19.5	N.D.		19.5	N.D.		20	N.D.		23	N.D.		14	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-160	N.D.	UX	1.03	N.D.		61	N.D.		19.2	N.D.		19.2	N.D.		19	N.D.		22	N.D.		12	N.D.		13	N.D.	U	20	40	J	19
PCB-161	N.D.	UX	0.91	N.D.		12.6	N.D.		16.8	N.D.		16.8	N.D.		17	N.D.		19	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-162	N.D.	UX	1.31	N.D.		12.6	N.D.		19	N.D.		19	N.D.		19	N.D.		22	N.D.		8.9	N.D.		9.5	N.D.	U	20	N.D.	U	19
PCB-163	13	$BC_{129/138/1}$	N.V.P.	N.D.	$C_{129/138/163}$	61	N.D.	$C_{129/138/163}$	50.8	N.D.	$C_{129/138/163}$	50.8	N.D.	$C_{129/138/163}$	51	N.D.	$C_{129/138/163}$	59	N.D.	$C_{129/138/163}$	29	N.D.	$C_{129/138/163}$	30	N.D.	U	69	350		67
PCB-164	N.D.	UX	0.926	N.D.		14.5	N.D.		17.1	N.D.		17.1	N.D.		17	N.D.		20	N.D.		6.9	N.D.		7.4	N.D.	U	20	N.D.	U	19
PCB-165	N.D.	UX	0.975	N.D.		12.6	N.D.		16.8	N.D.		16.8	N.D.		17	N.D.		19	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-166	N.D.	$JXC_{128/166}$	1.58	N.D.	$C_{128/166}$	28.1	N.D.	$C_{128/166}$	38.6	N.D.	$C_{128/166}$	38.6	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	45	N.D.	$C_{128/166}$	18	N.D.	$C_{128/166}$	19	N.D.	U	40	79	J	38
PCB-167	N.D.	UX	1.32	N.D.		12.6	N.D.		16.5	N.D.		16.5	N.D.		17	N.D.		19	N.D.		11	N.D.		12	N.D.	U	20	23	J	19
PCB-168	9.25	$XBC_{153/16}$	N.V.P.	30.5	$JBC_{153/168}$	29	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	34	N.D.	$C_{153/168}$	18	N.D.	$C_{153/168}$	19	N.D.	U	51	67	J I	49
PCB-169	N.D.	UX	1.83	N.D.		14.5	N.D.		18.1	N.D.		18.1	N.D.		18	N.D.		21	N.D.		18	N.D.		18	N.D.	U	20	N.D.	U	19
PCB-170	23.6	XB	N.V.P.	N.D.		11.6	N.D.		17.2	N.D.		17.2	N.D.		17	N.D.		20	N.D.		11	N.D.		12	N.D.	U	20	63	J	40
PCB-171	3.31	$XBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	29	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	42	N.D.	$C_{171/173}$	16	N.D.	$C_{171/173}$	17	N.D.	U	40	40	J	38
PCB-172	2.36	JXE	N.V.P.	N.D.		12.6	N.D.		15.3	N.D.		15.3	N.D.		15	N.D.		18	N.D.		8.9	N.D.		9.5	N.D.	U	20	23	J	19
PCB-173	3.31	$XBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	29	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	42	N.D.	$C_{171/173}$	16	N.D.	$C_{171/173}$	17	N.D.	U	40	40	J	38
PCB-174	13.1	XB	N.V.P.	N.D.		14.5	N.D.		17.1	N.D.		17.1	N.D.		17	N.D.		20	N.D.		11	12	J	12	N.D.	U	47	N.D.	U	45
PCB-175	N.D.	UX	1.62	N.D.		13.6	N.D.		20.3	N.D.		20.3	N.D.		20	N.D.		24	N.D.		12	N.D.		13	N.D.	U	20	20	J	19
PCB-176	N.D.	UX	0.875	N.D.		11.6	N.D.		15.6	N.D.		15.6	N.D.		16	N.D.		18	N.D.		5.9	N.D.		6.3	N.D.	U	20	N.D.	U	19
PCB-177	6.34	JXB	N.V.P.	N.D.		10.6	N.D.		17.4	N.D.		17.4	N.D.		17	N.D.		20	N.D.		8.9	N.D.		9.5	N.D.	U	24	37	J	23
PCB-178	N.D.	UX	1.26	N.D.		13.6	N.D.		25.7	N.D.		25.7	N.D.		26	N.D.		30	N.D.		15	N.D.		16	N.D.	U	20	28	J	19
PCB-179	2.23	JXB	N.V.P.	N.D.		13.6	N.D.		13.7	N.D.		13.7	N.D.		14	N.D.		16	N.D.		8.9	N.D.		9.5	N.D.	U	20	N.D.	U	19
PCB-180	43.8	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	33	N.D.	$C_{180/193}$	19	52	J B	20	N.D.	U	50	120	J	48
PCB-181	N.D.	UX	1.52	N.D.		12.6	N.D.		20.2	N.D.		20.2	N.D.		20	N.D.		23	N.D.		7.9	N.D.		8.4	N.D.	U	20	N.D.	U	19
PCB-182	N.D.	UX	1.43	N.D.		12.6	N.D.		23	N.D.		23	N.D.		23	N.D.		27	N.D.		11	N.D.		12	N.D.	U	20	21	J	19
PCB-183	4.34	JXB	N.V.P.	N.D.	$C_{183/185}$	27.1	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	58	N.D.	$C_{183/185}$	22	N.D.	$C_{183/185}$	23	N.D.	U	42	41	J	40
PCB-184	N.D.	UX	0.978	N.D.		13.6	N.D.		15.7	N.D.		15.7	N.D.		16	N.D.		18	N.D.		14	N.D.		15	N.D.	U	20	N.D.	U	19
PCB-185	N.D.	UX	1.53	N.D.	$C_{183/185}$	27.1	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	58	N.D.	$C_{183/185}$	22	N.D.	$C_{183/185}$	23	N.D.	U	42	41	J	40
PCB-186	N.D.	UX	0.92	N.D.		14.5	N.D.		16.6	N.D.		16.6	N.D.		17	N.D.		19	N.D.		11	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-187	8.16	JXB	N.V.P.	N.D.		16.5	N.D.		19.8	N.D.		19.8	N.D.		20	N.D.		23	N.D.		11	24	J I B	12	N.D.	U	38	140	J	36
PCB-188	N.D.	UX	1.01	N.D.		14.5	N.D.		78.8	N.D.		78.8	N.D.		79	N.D.		91	N.D.		46	N.D.		49	N.D.	U	20	N.D.	U	19
PCB-189	2.25	JX	N.V.P.	N.D.		12.6	N.D.		17.1	N.D.		17.1	N.D.		17	N.D.		20	N.D.		15	N.D.		16	N.D.	U	20	N.D.	U	19
PCB-190	4.46	JXBE	N.V.P.	N.D.		13.6	N.D.		19.2	N.D.		19.2	N.D.		19	N.D.		22	N.D.		16	N.D.		17	N.D.	U	20	28	J I	19
PCB-191	N.D.	UX	1.25	N.D.		12.6	N.D.		15.5	N.D.		15.5	N.D.		16	N.D.		18	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-192	N.D.	UX	1.33	N.D.		12.6	N.D.		17.5	N.D.		17.5	N.D.		18	N.D.		20	N.D.		8.9	N.D.		9.5	N.D.	U	20	N.D.	U	19
PCB-193	43.8	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	33	N.D.	$C_{180/193}$	19	52	J B	20	N.D.	U	50	120	J	48
PCB-194	26.6	XB	N.V.P.	N.D.		17.4	N.D.		27.9	N.D.		27.9	N.D.		28	N.D.		32	N.D.		12	80	J B	13	N.D.	U	26	N.D.	U	53
PCB-195	9.89	JXB	N.V.P.	N.D.		21.3	N.D.		27.1	N.D.		27.1	N.D.		27	N.D.		31	N.D.		14	N.D.		15	N.D.	U	20	21	J	19
PCB-196	9.15	JXB	N.V.P.	N.D.		19.4	N.D.		23.1	N.D.		23.1	N.D.		23	N.D.		27	N.D.		11	26	J B	12	N.D.	U	20	26	J	19
PCB-197	N.D.	UX	0.972	N.D.	$C_{197/200}$	41.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	89	N.D.	$C_{197/200}$	14	N.D.	$C_{197/200}$	15	N.D.	U	40	N.D.	U	38
PCB-198	17.8	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	35.8	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	56	N.D.	$C_{198/199}$	18	79	J B	19	N.D.	U	40	99	J	38
PCB-199	17.8	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	35.8	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	56	N.D.	$C_{198/199}$	18	79	J B	19	N.D.	U	40	99	J	38
PCB-200	1.47	JX	N.V.P.	N.D.	$C_{197/200}$	41.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	89	N.D.	$C_{197/200}$	14	N.D.	$C_{197/200}$	15	N.D.	U	40	N.D.	U	38
PCB-201	1.03	JXB	N.V.P.	N.D.		19.4	N.D.		96.7	N.D.		96.7	N.D.		97	N.D.		110	N.D.		48	N.D.		52	N.D.	U	20	N.D.	U	19
PCB-202	0.963	JXB	N.V.P.	N.D.		23.2	N.D.		27.3	N.D.		27.3	N.D.		27	N.D.		32	N.D.		8.9	N.D.		9.5	N.D.	U	20	22	J	19
PCB-203	11.4	JXB	N.V.P.	N.D.		17.4	N.D.		20.7	N.D.		20.7	N.D.		21	N.D.		24	N.D.		13	27	J B	14	N.D.	U	20	51	J	50
PCB-204	N.D.	UX	1.08	N.D.		20.3	N.D.		22.1	N.D.		22.1	N.D.		22	N.D.		26	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-205	N.D.	UX	1.58	N.D.		14.5	N.D.		27	N.D.		27	N.D.		27	N.D.		31	N.D.		6.9	N.D.		7.4	N.D.	U	20	N.D.	U	19
PCB-206	7.29	JX	N.V.P.	N.D.		15.5	N.D.		24.5	N.D.		24.5	N.D.		25	N.D.		28	N.D.		6.9	65	J B	7.4	N.D.	U	20	N.D.	U	55
PCB-207	N.D.	UX	2.52	N.D.		18.4	N.D.		23.8	N.D.		23.8	N.D.		24	N.D.		28	N.D.		9.9	N.D.		11	N.D.	U	20	N.D.	U	19
PCB-208	N.D.	UX	2.71	N.D.		15.5	N.D.		25.6	N.D.		25.6	N.D.		26	N.D.		30	N.D.		54	N.D.		58	N.D.	U	31	N.D.	U	30
PCB-209	1.69	JXE	N.V.P.	N.D.		15.5	N.D.		353	N.D.		353	N.D.		360	N.D.		410	N.D.		240	N.D.		250	N.D.	U	40	N.D.	U	38

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D.	Analyte was not detected
	Substance was detected in the method blank, not considered to represent actual groundwater conditions
N.S.	Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-08																														
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/14/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	1653.3	-	-	135.7	-	-	N.D.	-	-	N.D.	-	-	51	-	-	N.D.	-	-	N.D.	-	-	26	-	-	N.D.	-	-	N.D.	-	-
PCB-1	N.D.	UX	1.8	N.D.		9.61	N.D.		48.1	N.D.		49	N.D.		49	N.D.		54	N.D.		19	N.D.		17	N.D.	U	38	N.D.	U	41
PCB-2	N.D.	UX	1.96	N.D.		6.72	N.D.		70.5	N.D.		71.8	N.D.		72	N.D.		79	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	31
PCB-3	N.D.	UX	2.16	N.D.		10.6	N.D.		39.6	N.D.		40.4	N.D.		40	N.D.		44	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	31
PCB-4	N.D.	UX	4.4	N.D.		12.5	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		23	N.D.		21	N.D.	U	27	N.D.	U	30
PCB-5	N.D.	UX	4.01	N.D.		7.68	N.D.		7.46	N.D.		7.6	N.D.		7.6	N.D.		8.4	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	21
PCB-6	N.D.	UX	4.06	N.D.		6.72	N.D.		13.3	N.D.		13.6	N.D.		14	N.D.		15	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	21
PCB-7	N.D.	UX	3.96	N.D.		7.68	N.D.		7.89	N.D.		8.04	N.D.		8	N.D.		8.8	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	21
PCB-8	N.D.	UX	3.96	N.D.		14.4	N.D.		10	N.D.		10.2	N.D.		10	N.D.		11	N.D.		17	N.D.		16	N.D.	U	27	N.D.	U	30
PCB-9	N.D.	UX	4.44	N.D.		6.72	N.D.		8.35	N.D.		8.51	N.D.		8.5	N.D.		9.4	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	21
PCB-10	N.D.	UX	2.89	N.D.		12.5	N.D.		5.15	N.D.		5.25	N.D.		5.2	N.D.		5.8	N.D.		23	N.D.		21	N.D.	U	19	N.D.	U	21
PCB-11	13.8	X	N.V.P.	N.D.		32.7	N.D.		130	N.D.		132	N.D.		130	N.D.		150	N.D.		120	N.D.		110	N.D.	U	57	N.D.	U	130
PCB-12	N.D.	$UXC_{12/13}$	4.13	N.D.	$C_{12/13}$	18.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	24	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	23
PCB-13	N.D.	$UXC_{12/13}$	4.13	N.D.	$C_{12/13}$	18.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.5	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	24	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	19	N.D.	U	23
PCB-14	N.D.	UX	3.55	N.D.		7.68	N.D.		1.9	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	23
PCB-15	N.D.	UX	4.43	N.D.		15.4	N.D.		8.09	N.D.		8.24	N.D.		8.2	N.D.		9.1	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	23
PCB-16	N.D.	UX	6.28	N.D.		8.65	N.D.		1.9	N.D.		5.17	N.D.		5.1	N.D.		5.7	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	23
PCB-17	N.D.	UX	3.6	N.D.		8.65	N.D.		5.84	N.D.		5.95	N.D.		5.9	N.D.		6.5	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	23
PCB-18	5.88	$JXC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.4	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	38	N.D.	U	45
PCB-19	N.D.	UX	4.04	N.D.		7.68	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		12	N.D.		11	N.D.	U	23	N.D.	U	27
PCB-20	6.93	$JXC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.1	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	17	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	38	N.D.	U	45
PCB-21	5.79	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.2	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	38	N.D.	U	45
PCB-22	N.D.	UX	2.99	N.D.		8.65	N.D.		5.65	N.D.		5.76	N.D.		5.7	N.D.		6.3	N.D.		15	N.D.		15	N.D.	U	19	N.D.	U	23
PCB-23	N.D.	UX	2.89	N.D.		6.72	N.D.		4.8	N.D.		4.89	N.D.		4.9	N.D.		5.4	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	23
PCB-24	N.D.	UX	2.49	N.D.		9.61	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	23
PCB-25	N.D.	UX	2.79	N.D.		7.68	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	23
PCB-26	N.D.	$UXC_{26/29}$	2.81	N.D.	$C_{26/29}$	11.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	31	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	36	N.D.	U	38	N.D.	U	45
PCB-27	N.D.	UX	2.6	N.D.		7.68	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	23
PCB-28	6.93	$JXC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.1	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.8	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	17	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	38	N.D.	U	45
PCB-29	N.D.	$UXC_{26/29}$	2.81	N.D.	$C_{26/29}$	11.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.5	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	31	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	36	N.D.	U	38	N.D.	U	45
PCB-30	5.88	$JXC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.4	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.71	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	11	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	38	N.D.	U	45
PCB-31	5.48	JXE	N.V.P.	N.D.		17.3	N.D.		11.1	N.D.		11.4	N.D.		11	N.D.		12	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	47
PCB-32	N.D.	UX	2.53	N.D.		7.68	N.D.		4.83	N.D.		4.92	N.D.		4.9	N.D.		5.4	N.D.		8.5	N.D.		7.8	N.D.	U	19	N.D.	U	23
PCB-33	5.79	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.2	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.71	N.D.	$C_{21/33}$	9.7	N.D.	$C_{21/33}$	11	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	38	N.D.	U	45
PCB-34	N.D.	UX	2.95	N.D.		6.72	N.D.		5.55	N.D.		5.66	N.D.		5.6	N.D.		6.2	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	23
PCB-35	N.D.	UX	3.06	N.D.		8.65	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	23
PCB-36	N.D.	UX	2.74	N.D.		7.68	N.D.		6.82	N.D.		6.95	N.D.		6.9	N.D.		7.6	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	23
PCB-37	N.D.	UX	3.43	N.D.		9.61	N.D.		5.49	N.D.		5.59	N.D.		5.6	N.D.		6.2	N.D.		8.5	N.D.		8.5	N.D.	U	19	N.D.	U	28
PCB-38	N.D.	UX	2.87	N.D.		6.72	N.D.		4.76	N.D.		4.85	N.D.		4.8	N.D.		5.3	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	23
PCB-39	N.D.	UX	2.65	N.D.		7.68	N.D.		5.9	N.D.		6.02	N.D.		6	N.D.		6.6	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	23
PCB-40	2.88	$JXEC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.3	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	21	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	38	N.D.	U	45
PCB-41	N.D.	UX	1.99	N.D.		40.3	N.D.		12.6	N.D.		12.8	N.D.		13	N.D.		14	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-42	N.D.	UX	2.11	N.D.		15.4	N.D.		13.5	N.D.		13.8	N.D.		14	N.D.		15	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-43	N.D.	UX	2.73	N.D.		13.4	N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		11	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-44	54.8	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	25	N.D.	$C_{44/47/65}$	23	N.D.	U	57	N.D.	U	69
PCB-45	N.D.	UX	1.62	N.D.		21.1	N.D.		11	N.D.		11.3	N.D.		11	N.D.		12	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	21
PCB-46	N.D.	UX	2.3	N.D.		9.61	N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		11	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-47	54.8	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	25	N.D.	$C_{44/47/65}$	23	N.D.	U	57	N.D.	U	69
PCB-48	N.D.	UX	1.87	N.D.		13.4	N.D.		12	N.D.		12.2	N.D.		12	N.D.		13	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-49	4.22	$JXEC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	27	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	17	N.D.	U	38	N.D.	U	41
PCB-50	N.D.	$UXC_{50/53}$	1.89	N.D.	$C_{50/53}$	24	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	100	N.D.	$C_{50/53}$	96	N.D.	$C_{50/53}$	88	N.D.	U	38	N.D.	U	41
PCB-51	58.9	X	N.V.P.	N.D.		21.1	N.D.		30.1	N.D.		30.7	N.D.		31	N.D.		34	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	21
PCB-52	10.1	JX	N.V.P.	N.D.		14.4	N.D.		20.1	N.D.		20.5	N.D.		20	N.D.		23	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	68
PCB-53	N.D.	$UXC_{50/53}$	1.89	N.D.	$C_{50/53}$	24	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.9	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	100	N.D.	$C_{50/53}$	96	N.D.	$C_{50/53}$	88	N.D.	U	38	N.D.	U	41
PCB-54	N.D.	UX	2.13	N.D.		13.4	N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		11	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	21
PCB-55	N.D.	UX	2.36	N.D.		11.5	N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		13	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	68
PCB-56	3.34	JXE	N.V.P.	N.D.		14.4	N.D.		10.3	N.D.		10.5	N.D.		10	N.D.		12	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	21
PCB-57	N.D.	UX	2.22	N.D.		10.6	N.D.		13	N.D.		13.3	N.D.		13	N.D.		15	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-58	N.D.	UX	2.04	N.D.		13.4	N.D.		12.4	N.D.		12.6	N.D.		13	N.D.		14	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-59	N.D.	$JXC_{59/62/75}$	1.39	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	57	N.D.	U	62
PCB-60	N.D.	UX	2.18	N.D.		13.4	N.D.		12	N.D.		12.2	N.D.		12	N.D.		13	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-61	14.1	$XC_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	56.7	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	51	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	29	N.D.	U	76	N.D.	U	82
PCB-62	N.D.	$JXC_{59/62/75}$	1.39	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	57	N.D.	U	62
PCB-63	N.D.	UX	1.94	N.D.		11.5	N.D.		12.3	N.D.		12.5	N.D.		12	N.D.		14	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	21
PCB-64	2.68	JX	N.V.P.	N.D.		12.5	N.D.		10.5	N.D.		10.7	N.D.		11	N.D.		12	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-65	54.8	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.4	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.8	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	42	N.D.	$C_{44/47/65}$	25	N.D.	$C_{44/47/65}$	23	N.D.	U	57	N.D.	U	69
PCB-66	5.1	JX	N.V.P.	N.D.		16.3	N.D.		10.5	N.D.		10.7	N.D.		11	N.D.		12	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-67	N.D.	UX	2.15	N.D.		11.5	N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		13	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-68	30	X	N.V.P.	N.D.		13.4	N.D.		14.6	N.D.		14.9	N.D.		15	N.D.		16	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-69	4.22	$JXEC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.5	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	27	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	19	N.D.	U	38	N.D.	U	41
PCB-70	14.1	$XC_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	56.7	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	51	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	29	N.D.	U	76	N.D.	U	82
PCB-71	2.88	$JXEC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.3	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.5	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	21	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	38	N.D.	U	45
PCB-72	N.D.	UX	2.16	N.D.		12.5	N.D.		15	N.D.		15.2	N.D.		15	N.D.		17	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-73	N.D.	UX	1.38	N.D.		13.4	N.D.		19.8	N.D.		20.2	N.D.		20	N.D.		22	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-74	14.1	$XC_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	56.7	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	51	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	29	N.D.	U	76	N.D.	U	82
PCB-75	N.D.	$JXC_{59/62/75}$	1.39	N.D.	$C_{59/62/75}$	35.5	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.5	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	45	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	57	N.D.	U	62
PCB-76	14.1	$XC_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	56.7	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	46.5	N.D.	$C_{61/70/74/76}$	46	N.D.	$C_{61/70/74/76}$	51	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	29	N.D.	U	76	N.D.	U	82
PCB-77	N.D.	UX	2.42	N.D.		13.4	N.D.		10	N.D.		10.2	N.D.		10	N.D.		11	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	21
PCB-78	N.D.	UX	2.3	N.D.		15.4	N.D.		13.4	N.D.		13.7	N.D.		14	N.D.		15	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-79	N.D.	UX	1.93	N.D.		12.5	N.D.		13.5	N.D.		13.8	N.D.		14	N.D.		15	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-80	N.D.	UX	1.89	N.D.		10.6	N.D.		15.8	N.D.		16.1	N.D.		16	N.D.		18	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-81	N.D.	UX	2.43	N.D.		17.3	N.D.		9.52	N.D.		9.71	N.D.		9.7	N.D.		11	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-82	N.D.	UX	1.89	N.D.		14.4	N.D.		11.7	N.D.		11.9	N.D.		12	N.D.		13	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	21
PCB-83	N.D.	UX	1.49	N.D.		27.9	N.D.		12	N.D.		12.2	N.D.		12	N.D.		13	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-84	5.24	JX	N.V.P.	N.D.		10.6	N.D.		11.3	N.D.		11.6	N.D.		12	N.D.		13	N.D.		26	N.D.		24	N.D.	U	19	N.D.	U	21
PCB-85	3.14	$JXEC_{85/116/117}$	N.V.P.	N.D.	$C_{85/116/117}$	36.5	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	73	N.D.	$C_{85/116/117}$	36	N.D.	$C_{85/116/117}$	33	N.D.	U	57	N.D.	U	62
PCB-86	13.4	$XC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$87/97/109/11$	71.1	N.D.	$87/97/109/11$	122	N.D.	$97/97/109/11$	124	N.D.	$87/97/109/11$	120	N.D.	$87/97/109/11$	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	110	N.D.	U	120
PCB-87	13.4	$XC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$87/97/109/11$	71.1	N.D.	$87/97/109/11$	122	N.D.	$97/97/109/11$	124	N.D.	$87/97/109/11$	120	N.D.	$87/97/109/11$	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	110	N.D.	U	120
PCB-88	N.D.	UX	1.57	N.D.		21.1	N.D.		14.2	N.D.		14.5	N.D.		14	N.D.		16	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	21
PCB-89	N.D.	UX	1.76	N.D.		12.5	N.D.		14.2	N.D.		14.5	N.D.		14	N.D.		16	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-90	25.9	$BC_{90/101/113}$	N.V.P.	N.D.	$C_{90/101/113}$	45.1	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	44	N.D.	$C_{90/101/113}$	42	N.D.	$C_{90/101/113}$	39	N.D.	U	57	N.D.	U	62
PCB-91	2.35	JX	N.V.P.	N.D.		21.1	N.D.		11.3	N.D.		11.6	N.D.		12	N.D.		13	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-92	3.69	JX	N.V.P.	N.D.		12.5	N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		17	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-93	N.D.	$UXC_{93/100}$	1.39	N.D.	$C_{93/100}$	74	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	33	N.D.	$C_{93/100}$	26	N.D.	$C_{93/100}$	24	N.D.	U	38	N.D.	U	41
PCB-94	N.D.	UX	1.74	N.D.		12.5	N.D.		13.2	N.D.		13.5	N.D.		13	N.D.		15	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	21
PCB-95	20.7	XB	N.V.P.	N.D.		74	N.D.		14.7	N.D.		15	51	J I B	15	N.D.		16	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-96	N.D.	UX	1.23	N.D.		14.4	N.D.		12.3	N.D.		12.5	N.D.		12	N.D.		14	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	21
PCB-97	13.4	$XC_{86/87/97/108/119/125}$	N.V.P.	N.D.	$87/97/109/11$	71.1	N.D.	$87/97/109/11$	122	N.D.	$97/97/109/11$	124	N.D.	$87/97/109/11$	120	N.D.	$87/97/109/11$	140	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	150	N.D.	U	110	N.D.	U	120
PCB-98	N.D.	UX	2.25	N.D.	$C_{98/102}$	74	N.D.	$C_{98/102}$	39.3	N.D.	$C_{98/102}$	40.1	N.D.	$C_{98/102}$	40	N.D.	$C_{98/102}$	44	N.D.	$C_{98/102}$	31	N.D.	$C_{98/102}$	28	N.D.	U	38	N.D.	U	41
PCB-99	9.05	JX	N.V.P.	N.D.		27.9	N.D.		13.9	N.D.		14.2	N.D.		14	N.D.		16	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-100	N.D.	$UXC_{93/100}$	1.39	N.D.	$C_{93/100}$	74	N.D.	$C_{93/100}$	29.3	N.D.	$C_{93/100}$	29.9	N.D.	$C_{93/100}$	30	N.D.	$C_{93/100}$	33	N.D.	$C_{93/100}$	26	N.D.	$C_{93/100}$	24	N.D.	U	38	N.D.	U	41
PCB-101	25.9	$BC_{90/101/113}$	N.V.P.	N.D.	$C_{90/101/113}$	45.1	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	40.1	N.D.	$C_{90/101/113}$	40	N.D.	$C_{

Appendix B.1

Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-08																																
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/14/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																																	
PCB-145	N.D.	UX	0.77	N.D.		15.4	N.D.		14.7	N.D.		15	N.D.		15	N.D.		16	N.D.		24	N.D.		22	N.D.	U	19	N.D.	U	21
PCB-146	9.75	JXB	N.V.P.	N.D.		13.4	N.D.		14.9	N.D.		15.1	N.D.		15	N.D.		17	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-147	66	$KBC_{147/149}$	N.V.P.	N.D.	$C_{147/149}$	33.6	N.D.	$C_{147/149}$	27.3	N.D.	$C_{147/149}$	27.9	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	31	N.D.	$C_{147/149}$	21	N.D.	$C_{147/149}$	19	N.D.	U	41	N.D.	U	44
PCB-148	N.D.	UX	0.812	N.D.		13.4	N.D.		15.1	N.D.		15.4	N.D.		15	N.D.		17	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	21
PCB-149	66	$KBC_{147/149}$	N.V.P.	N.D.	$C_{147/149}$	33.6	N.D.	$C_{147/149}$	27.3	N.D.	$C_{147/149}$	27.9	N.D.	$C_{147/149}$	28	N.D.	$C_{147/149}$	31	N.D.	$C_{147/149}$	21	N.D.	$C_{147/149}$	19	N.D.	U	41	N.D.	U	44
PCB-150	N.D.	UX	0.787	N.D.		14.4	N.D.		15.9	N.D.		16.2	N.D.		16	N.D.		18	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	21
PCB-151	29.3	$KBC_{135/151}$	N.V.P.	N.D.	$C_{135/151}$	44.2	N.D.	$C_{135/151}$	41	N.D.	$C_{135/151}$	41.8	N.D.	$C_{135/151}$	42	N.D.	$C_{135/151}$	46	N.D.	$C_{135/151}$	34	N.D.	$C_{135/151}$	34	N.D.	U	38	N.D.	U	41
PCB-152	N.D.	UX	0.698	N.D.		13.4	N.D.		13.9	N.D.		14.2	N.D.		14	N.D.		16	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	21
PCB-153	78.1	$KBC_{153/168}$	N.V.P.	35.9	$JBC_{153/168}$	28.8	N.D.	$C_{153/168}$	29.1	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	33	N.D.	$C_{153/168}$	19	N.D.	$C_{153/168}$	17	N.D.	U	48	N.D.	U	52
PCB-154	N.D.	UX	0.735	N.D.		44.2	N.D.		44.6	N.D.		45.4	N.D.		45	N.D.		50	N.D.		48	N.D.		44	N.D.	U	19	N.D.	U	21
PCB-155	N.D.	UX	0.788	N.D.		13.4	N.D.		15	N.D.		15.2	N.D.		15	N.D.		17	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	21
PCB-156	11.1	$XBC_{156/15}$	N.V.P.	N.D.	$C_{156/157}$	22.1	N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	37	N.D.	$C_{156/157}$	31	N.D.	$C_{156/157}$	28	N.D.	U	38	N.D.	U	41
PCB-157	11.1	$XBC_{156/15}$	N.V.P.	N.D.	$C_{156/157}$	22.1	N.D.	$C_{156/157}$	33.2	N.D.	$C_{156/157}$	33.9	N.D.	$C_{156/157}$	34	N.D.	$C_{156/157}$	37	N.D.	$C_{156/157}$	31	N.D.	$C_{156/157}$	28	N.D.	U	38	N.D.	U	41
PCB-158	8.59	JXBE	N.V.P.	N.D.		15.4	N.D.		17.8	N.D.		18.2	N.D.		18	N.D.		20	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-159	2.95	JX	N.V.P.	N.D.		13.4	N.D.		19.1	N.D.		19.5	N.D.		19	N.D.		21	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	21
PCB-160	N.D.	UX	0.718	N.D.		60.5	N.D.		18.9	N.D.		19.2	N.D.		19	N.D.		21	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-161	N.D.	UX	0.637	N.D.		12.5	N.D.		16.5	N.D.		16.8	N.D.		17	N.D.		18	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-162	N.D.	UX	1.13	N.D.		12.5	N.D.		18.7	N.D.		19	N.D.		19	N.D.		21	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-163	97.2	$BC_{129/138/1}$	N.V.P.	N.D.	$C_{129/138/16}$	60.5	N.D.	$C_{129/138/16}$	49.8	N.D.	$C_{129/138/16}$	50.8	N.D.	$C_{129/138/16}$	51	N.D.	$C_{129/138/16}$	56	N.D.	$C_{129/138/1}$ 63	31	N.D.	$C_{129/138/1}$ 63	28	N.D.	U	66	N.D.	U	72
PCB-164	7.34	JXB	N.V.P.	N.D.		14.4	N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		19	N.D.		7.4	N.D.		6.8	N.D.	U	19	N.D.	U	21
PCB-165	N.D.	UX	0.682	N.D.		12.5	N.D.		16.5	N.D.		16.8	N.D.		17	N.D.		18	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-166	10.8	$BXC_{128/16}$	N.V.P.	N.D.	$C_{128/166}$	27.9	N.D.	$C_{128/166}$	37.9	N.D.	$C_{128/166}$	38.6	N.D.	$C_{128/166}$	39	N.D.	$C_{128/166}$	43	N.D.	$C_{128/166}$	19	N.D.	$C_{128/166}$	17	N.D.	U	38	N.D.	U	41
PCB-167	3.35	JX	N.V.P.	N.D.		12.5	N.D.		16.2	N.D.		16.5	N.D.		16	N.D.		18	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-168	78.1	$KBC_{153/168}$	N.V.P.	35.9	$JBC_{153/168}$	28.8	N.D.	$C_{153/168}$	29.1	N.D.	$C_{153/168}$	29.7	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	33	N.D.	$C_{153/168}$	19	N.D.	$C_{153/168}$	17	N.D.	U	48	N.D.	U	52
PCB-169	N.D.	UX	1.48	N.D.		14.4	N.D.		17.7	N.D.		18.1	N.D.		18	N.D.		20	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	21
PCB-170	81.6	XB	N.V.P.	12.9	J	11.5	N.D.		16.9	N.D.		17.2	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	40	N.D.	U	43
PCB-171	19	$KBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	28.8	N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	40	N.D.	$C_{171/173}$	17	N.D.	$C_{171/173}$	16	N.D.	U	38	N.D.	U	41
PCB-172	12.2	X	N.V.P.	N.D.		12.5	N.D.		15	N.D.		15.3	N.D.		15	N.D.		17	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-173	19	$KBC_{171/17}$	N.V.P.	N.D.	$C_{171/173}$	28.8	N.D.	$C_{171/173}$	35.8	N.D.	$C_{171/173}$	36.5	N.D.	$C_{171/173}$	36	N.D.	$C_{171/173}$	40	N.D.	$C_{171/173}$	17	N.D.	$C_{171/173}$	16	N.D.	U	38	N.D.	U	41
PCB-174	73.1	XB	N.V.P.	N.D.		14.4	N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		19	N.D.		12	N.D.		11	N.D.	U	44	N.D.	U	48
PCB-175	2.38	JXE	N.V.P.	N.D.		13.4	N.D.		19.9	N.D.		20.3	N.D.		20	N.D.		22	N.D.		13	N.D.		12	N.D.	U	19	N.D.	U	21
PCB-176	5.34	JX	N.V.P.	N.D.		11.5	N.D.		15.3	N.D.		15.6	N.D.		16	N.D.		17	N.D.		6.3	N.D.		5.8	N.D.	U	19	N.D.	U	21
PCB-177	36.6	XB	N.V.P.	N.D.		10.6	N.D.		17	N.D.		17.4	N.D.		17	N.D.		19	N.D.		9.5	N.D.		8.7	N.D.	U	23	N.D.	U	25
PCB-178	11.6	JXB	N.V.P.	N.D.		13.4	N.D.		25.2	N.D.		25.7	N.D.		26	N.D.		28	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-179	19.1	XB	N.V.P.	N.D.		13.4	N.D.		13.4	N.D.		13.7	N.D.		14	N.D.		15	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-180	186	$KBC_{180/19}$	N.V.P.	32.6	$JC_{180/193}$	28.8	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	31	N.D.	$C_{180/193}$	20	N.D.	$C_{180/193}$	18	N.D.	U	47	N.D.	U	51
PCB-181	N.D.	UX	1.42	N.D.		12.5	N.D.		19.8	N.D.		20.2	N.D.		20	N.D.		22	N.D.		8.5	N.D.		7.8	N.D.	U	19	N.D.	U	21
PCB-182	N.D.	UX	1.33	N.D.		12.5	N.D.		22.6	N.D.		23	N.D.		23	N.D.		25	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-183	33.2	XB	N.V.P.	N.D.	$C_{183/185}$	26.9	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	55	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	40	N.D.	U	43
PCB-184	N.D.	UX	0.682	N.D.		13.4	N.D.		15.4	N.D.		15.7	N.D.		16	N.D.		17	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	21
PCB-185	5.71	JX	N.V.P.	N.D.	$C_{183/185}$	26.9	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	50.4	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	55	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	40	N.D.	U	43
PCB-186	N.D.	UX	0.641	N.D.		14.4	N.D.		16.3	N.D.		16.6	N.D.		17	N.D.		18	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-187	64.8	XB	N.V.P.	17.5	J	16.3	N.D.		19.4	N.D.		19.8	N.D.		20	N.D.		22	N.D.		12	N.D.		11	N.D.	U	36	N.D.	U	39
PCB-188	N.D.	UX	0.703	N.D.		14.4	N.D.		77.3	N.D.		78.8	N.D.		79	N.D.		87	N.D.		50	N.D.		46	N.D.	U	19	N.D.	U	21
PCB-189	3.3	JXE	N.V.P.	N.D.		12.5	N.D.		16.8	N.D.		17.1	N.D.		17	N.D.		19	N.D.		16	N.D.		15	N.D.	U	19	N.D.	U	21
PCB-190	15	XBE	N.V.P.	N.D.		13.4	N.D.		18.9	N.D.		19.2	N.D.		19	N.D.		21	N.D.		17	N.D.		16	N.D.	U	19	N.D.	U	21
PCB-191	3.55	JX	N.V.P.	N.D.		12.5	N.D.		15.2	N.D.		15.5	N.D.		15	N.D.		17	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-192	N.D.	UX	1.23	N.D.		12.5	N.D.		17.1	N.D.		17.5	N.D.		17	N.D.		19	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-193	186	$KBC_{180/19}$	N.V.P.	32.6	$JC_{180/193}$	28.8	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28.3	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	31	N.D.	$C_{180/193}$	20	N.D.	$C_{180/193}$	18	N.D.	U	47	N.D.	U	51
PCB-194	61.2	XB	N.V.P.	N.D.		17.3	N.D.		27.3	N.D.		27.9	N.D.		28	N.D.		31	N.D.		13	14	J	12	N.D.	U	25	N.D.	U	56
PCB-195	22.3	XB	N.V.P.	N.D.		21.1	N.D.		26.6	N.D.		27.1	N.D.		27	N.D.		30	N.D.		15	N.D.		14	N.D.	U	19	N.D.	U	21
PCB-196	28.9	XB	N.V.P.	N.D.		19.2	N.D.		22.7	N.D.		23.1	N.D.		23	N.D.		25	N.D.		12	N.D.		11	N.D.	U	19	N.D.	U	21
PCB-197	1.56	JXE	N.V.P.	N.D.	$C_{197/200}$	41.3	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	85	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	15	N.D.	U	38	N.D.	U	41
PCB-198	62	$KBC_{198/19}$	N.V.P.	N.D.	$C_{198/199}$	35.5	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	53	N.D.	$C_{198/199}$	19	N.D.	$C_{198/199}$	17	N.D.	U	38	N.D.	U	41
PCB-199	62	$KBC_{198/19}$	N.V.P.	N.D.	$C_{198/199}$	35.5	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	48.3	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	53	N.D.	$C_{198/199}$	19	N.D.	$C_{198/199}$	17	N.D.	U	38	N.D.	U	41
PCB-200	5	JXE	N.V.P.	N.D.	$C_{197/200}$	41.3	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	77.1	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	85	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	15	N.D.	U	38	N.D.	U	41
PCB-201	4.79	JXBE	N.V.P.	N.D.		19.2	N.D.		94.9	N.D.		96.7	N.D.		96	N.D.		110	N.D.		52	N.D.		48	N.D.	U	19	N.D.	U	21
PCB-202	6.5	JXBE	N.V.P.	N.D.		23.1	N.D.		26.8	N.D.		27.3	N.D.		27	N.D.		30	N.D.		9.5	N.D.		8.7	N.D.	U	19	N.D.	U	21
PCB-203	38.1	XB	N.V.P.	N.D.		17.3	N.D.		20.3	N.D.		20.7	N.D.		21	N.D.		23	N.D.		14	N.D.		13	N.D.	U	19	N.D.	U	53
PCB-204	N.D.	UX	0.748	N.D.		20.2	N.D.		21.7	N.D.		22.1	N.D.		22	N.D.		24	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-205	4.56	JX	N.V.P.	N.D.		14.4	N.D.		26.5	N.D.		27	N.D.		27	N.D.		30	N.D.		7.4	N.D.		6.8	N.D.	U	19	N.D.	U	21
PCB-206	18.6	X	N.V.P.	N.D.		15.4	N.D.		24	N.D.		24.5	N.D.		24	N.D.		27	N.D.		7.4	12	J I B	6.8	N.D.	U	19	N.D.	U	60
PCB-207	5.37	JX	N.V.P.	N.D.		18.3	N.D.		23.3	N.D.		23.8	N.D.		24	N.D.		26	N.D.		11	N.D.		9.7	N.D.	U	19	N.D.	U	21
PCB-208	5.63	JX	N.V.P.	N.D.		15.4	N.D.		25.1	N.D.		25.6	N.D.		26	N.D.		28	N.D.		58	N.D.		53	N.D.	U	29	N.D.	U	32
PCB-209	50.9	X	N.V.P.	36.8	J	15.4	N.D.		347	N.D.		353	N.D.		350	N.D.		390	N.D.		250	N.D.		230	N.D.	U	38	N.D.	U	41

Notes:

1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D.	Analyte was not detected
	Substance was detected in the method blank, not considered to represent actual groundwater conditions
N.S.	Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-09R																														
Sampling Date	3/25/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/15/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	1079.67	-	-	179.5	-	-	526.62	-	-	173.8	-	-	310	-	-	N.D.	-	-	N.D.	-	-	393	-	-	62	-	-	160	-	-
PCB-1	N.D.	UX	1.55	N.D.		9.68	N.D.		48.1	N.D.		48.6	N.D.		49	N.D.		60	N.D.		19	N.D.		18	N.D.	U	48	N.D.	U	40
PCB-2	N.D.	UX	1.72	N.D.		6.78	N.D.		70.5	N.D.		71.2	N.D.		72	N.D.		88	N.D.		17	N.D.		16	N.D.	U	24	N.D.	U	30
PCB-3	N.D.	UX	1.89	N.D.		10.6	N.D.		39.6	N.D.		40	N.D.		40	N.D.		50	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	30
PCB-4	N.D.	UX	3.23	N.D.		12.6	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		23	N.D.		21	N.D.	U	35	N.D.	U	29
PCB-5	N.D.	UX	2.71	N.D.		7.74	N.D.		7.46	N.D.		7.53	N.D.		7.6	N.D.		9.3	N.D.		21	N.D.		20	N.D.	U	24	N.D.	U	20
PCB-6	N.D.	UX	2.74	N.D.		6.78	N.D.		13.3	N.D.		13.5	N.D.		14	N.D.		17	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-7	N.D.	UX	2.67	N.D.		7.74	N.D.		7.89	N.D.		7.96	N.D.		8	N.D.		9.9	N.D.		17	N.D.		16	N.D.	U	24	N.D.	U	29
PCB-8	3.83	JX	N.V.P.	N.D.		14.5	N.D.		10	N.D.		10.1	N.D.		10	N.D.		13	N.D.		17	N.D.		16	N.D.	U	35	N.D.	U	20
PCB-9	N.D.	UX	2.99	N.D.		6.78	N.D.		8.35	N.D.		8.43	N.D.		8.5	N.D.		10	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-10	N.D.	UX	2.12	N.D.		12.6	N.D.		5.15	N.D.		5.2	N.D.		5.2	N.D.		6.4	N.D.		23	N.D.		21	N.D.	U	24	N.D.	U	120
PCB-11	15.6	X	N.V.P.	N.D.		32.9	N.D.		130	N.D.		131	N.D.		130	N.D.		160	N.D.		120	N.D.		110	N.D.	U	71	N.D.	U	20
PCB-12	N.D.	$UXC_{12/13}$	2.78	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	26	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	24	N.D.	U	20
PCB-13	N.D.	$UXC_{12/13}$	2.87	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21.3	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	26	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	33	N.D.	U	24	N.D.	U	20
PCB-14	N.D.	UX	2.4	N.D.		7.74	N.D.		1.9	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		21	N.D.		20	N.D.	U	24	N.D.	U	20
PCB-15	N.D.	UX	2.99	N.D.		15.5	8.86	J	8.09	N.D.		8.16	N.D.		8.2	N.D.		10	N.D.		21	N.D.		20	N.D.	U	24	N.D.	U	20
PCB-16	N.D.	UX	5.67	N.D.		8.71	6.46	J	1.9	N.D.		5.12	N.D.		5.2	N.D.		6.3	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-17	4.59	JX	N.V.P.	N.D.		8.71	N.D.		5.84	N.D.		5.89	N.D.		5.9	N.D.		7.3	N.D.		12	N.D.		11	N.D.	U	48	N.D.	U	40
PCB-18	3.99	$JXEC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	12	N.D.	$C_{18/30}$	26	N.D.	$C_{18/30}$	23	N.D.	U	29	N.D.	U	40
PCB-19	N.D.	UX	3.64	N.D.		7.74	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		12	N.D.		11	N.D.	U	48	N.D.	U	24
PCB-20	5.74	$JXC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.3	33.3	$JC_{20/28}$	15.5	17.0	$JC_{20/28}$	15.7	23	$JBC_{20/28}$	16	N.D.	$C_{20/28}$	19	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	48	N.D.	U	40
PCB-21	9.24	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.3	18.3	$JC_{21/33}$	9.52	N.D.	$C_{21/33}$	9.62	14	$JC_{21/33}$	9.7	N.D.	$C_{21/33}$	12	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	24	N.D.	U	20
PCB-22	2.37	JXE	N.V.P.	N.D.		8.71	15.0	J	5.65	8.40	J	5.7	10	J	5.7	N.D.		7.1	N.D.		15	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-23	N.D.	UX	1.85	N.D.		6.78	N.D.		4.8	N.D.		4.85	N.D.		4.9	N.D.		6	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-24	N.D.	UX	2.25	N.D.		9.68	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-25	8.54	JX	N.V.P.	N.D.		7.74	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		14	N.D.		13	N.D.	U	48	N.D.	U	40
PCB-26	N.D.	$UXC_{26/29}$	1.81	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	35	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	35	N.D.	U	24	N.D.	U	20
PCB-27	N.D.	UX	2.35	N.D.		7.74	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-28	5.74	$JXC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.3	33.3	$JC_{20/28}$	15.5	17.0	$JC_{20/28}$	15.7	23	$JBC_{20/28}$	16	N.D.	$C_{20/28}$	19	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	48	N.D.	U	40
PCB-29	N.D.	$UXC_{26/29}$	1.81	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28.3	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	35	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	35	N.D.	U	24	N.D.	U	40
PCB-30	3.99	$JXEC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.62	N.D.	$C_{18/30}$	9.7	N.D.	$C_{18/30}$	12	N.D.	$C_{18/30}$	26	N.D.	$C_{18/30}$	23	N.D.	U	48	N.D.	U	40
PCB-31	3.94	JX	N.V.P.	N.D.		17.4	22.3	J	11.1	13.4	J	11.3	16	J	11	N.D.		14	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	42
PCB-32	N.D.	UX	2.28	N.D.		7.74	N.D.		4.83	N.D.		4.88	N.D.		4.9	N.D.		6	N.D.		8.5	N.D.		7.8	N.D.	U	24	N.D.	U	20
PCB-33	9.24	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.3	18.3	$JC_{21/33}$	9.52	N.D.	$C_{21/33}$	9.62	14	$JC_{21/33}$	9.7	N.D.	$C_{21/33}$	12	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	48	N.D.	U	40
PCB-34	N.D.	UX	1.9	N.D.		6.78	N.D.		5.55	N.D.		5.61	N.D.		5.7	N.D.		6.9	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-35	N.D.	UX	1.96	N.D.		8.71	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		20	N.D.		19	N.D.	U	24	N.D.	U	20
PCB-36	N.D.	UX	1.76	N.D.		7.74	N.D.		6.82	N.D.		6.88	N.D.		6.9	N.D.		8.5	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-37	N.D.	UX	2.2	N.D.		9.68	19.4	J	5.49	12.0	J	5.54	15	J	5.6	N.D.		6.9	N.D.		8.5	17	J	7.8	N.D.	U	24	N.D.	U	25
PCB-38	N.D.	UX	1.84	N.D.		6.78	N.D.		4.76	N.D.		4.81	N.D.		4.8	N.D.		6	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-39	N.D.	UX	1.7	N.D.		7.74	N.D.		5.9	N.D.		5.96	N.D.		6	N.D.		7.4	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-40	3.7	$JXC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.7	23.7	$JC_{40/71}$	19.1	N.D.	$C_{40/71}$	19.3	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	24	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	48	N.D.	U	40
PCB-41	N.D.	UX	1.81	N.D.		40.7	N.D.		12.6	N.D.		12.7	N.D.		13	N.D.		16	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-42	N.D.	UX	1.92	N.D.		15.5	16.3	J	13.5	N.D.		13.7	N.D.		14	N.D.		17	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-43	N.D.	UX	2.47	N.D.		13.6	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		12	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-44	140	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	46	N.D.	$C_{44/47/65}$	26	25	J I	23	N.D.	U	71	N.D.	U	67
PCB-45	N.D.	UX	1.47	N.D.		21.3	N.D.		11	N.D.		11.2	N.D.		11	N.D.		14	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-46	N.D.	UX	2.08	N.D.		9.68	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		12	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-47	140	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	46	N.D.	$C_{44/47/65}$	26	25	J I	23	N.D.	U	71	N.D.	U	67
PCB-48	N.D.	UX	1.59	N.D.		13.6	N.D.		12	N.D.		12.1	N.D.		12	N.D.		15	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-49	6.58	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	30	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	18	N.D.	U	48	N.D.	U	40
PCB-50	N.D.	$UXC_{50/53}$	1.72	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	97	N.D.	$C_{50/53}$	89	N.D.	U	48	N.D.	U	40
PCB-51	401	X	N.V.P.	N.D.		21.3	N.D.		30.1	N.D.		30.4	N.D.		31	N.D.		38	N.D.		14	N.D.		13	N.D.	U	24	N.D.	U	20
PCB-52	5.47	JX	N.V.P.	20.8	J	14.5	26.4	J	20.1	21.5	J	20.3	N.D.		20	N.D.		25	N.D.		13	15	J	12	N.D.	U	24	N.D.	U	66
PCB-53	N.D.	$UXC_{50/53}$	1.72	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	91.1	N.D.	$C_{50/53}$	92	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	97	N.D.	$C_{50/53}$	89	N.D.	U	48	N.D.	U	40
PCB-54	N.D.	UX	1.57	N.D.		13.6	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		12	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-55	N.D.	UX	2.19	N.D.		11.6	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		15	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-56	2.06	JXE	N.V.P.	17.9	J	14.5	40.7	J	10.3	19.8	J	10.4	23	J	10	N.D.		13	N.D.		15	16	J	14	N.D.	U	24	N.D.	U	20
PCB-57	N.D.	UX	2.06	N.D.		10.6	N.D.		13	N.D.		13.2	N.D.		13	N.D.		16	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-58	N.D.	UX	1.89	N.D.		13.6	N.D.		12.4	N.D.		12.5	N.D.		13	N.D.		15	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-59	N.D.	$JXC_{59/62/75}$	1.26	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	71	N.D.	U	60
PCB-60	N.D.	UX	2.02	N.D.		13.6	23.2	J	12	N.D.		12.1	14	J	12	N.D.		15	N.D.		9.6	12	J	8.8	N.D.	U	24	N.D.	U	20
PCB-61	7.22	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.1	89.7	$JC_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	57	J	46	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	32	38	J	29	N.D.	U	95	N.D.	U	80
PCB-62	N.D.	$JXC_{59/62/7}$	1.26	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	71	N.D.	U	60
PCB-63	N.D.	UX	1.8	N.D.		11.6	N.D.		12.3	N.D.		12.4	N.D.		13	N.D.		15	N.D.		14	N.D.		13	N.D.	U	24	N.D.	U	20
PCB-64	1.82	JXE	N.V.P.	13.2	J	12.6	21.5		10.5	15.1	J	10.6	15	J I	11	N.D.		13	N.D.		11	12	J I	9.8	N.D.	U	24	N.D.	U	20
PCB-65	140	$XC_{44/47/65}$	N.V.P.	N.D.	$C_{44/47/65}$	38.7	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37.4	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	46	N.D.	$C_{44/47/65}$	26	25	J I	23	N.D.	U	71	N.D.	U	67
PCB-66	3.92	JX	N.V.P.	28.9	J	16.5	66.5	J	10.5	30.4	J	10.6	42	J I	11	N.D.		13	N.D.		12	28	J	11	N.D.	U	24	N.D.	U	20
PCB-67	N.D.	UX	1.99	N.D.		11.6	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		15	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-68	145	X	N.V.P.	N.D.		13.6	N.D.		14.6	N.D.		14.7	N.D.		15	N.D.		18	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-69	6.58	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24.2	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	30	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	19	N.D.	U	48	N.D.	U	40
PCB-70	7.22	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.1	89.7	$JC_{61/70/74/7}$	45.6	N.D.	$C_{61/70/74/76}$	46.1	57	$JC_{61/70/74/7}$	46	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	32	38	J	29	N.D.	U	95	N.D.	U	80
PCB-71	3.7	$JXC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.7	23.7	JC40/71	19.1	N.D.	$C_{40/71}$	19.3	N.D.	$C_{40/71}$	19	N.D.	$C_{40/71}$	24	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	16	N.D.	U	48	N.D.	U	40
PCB-72	N.D.	UX	2	N.D.		12.6	N.D.		15	N.D.		15.1	N.D.		15	N.D.		19	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-73	N.D.	UX	1.25	N.D.		13.6	N.D.		19.8	N.D.		20	N.D.		20	N.D.		25	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-74	7.22	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.1	89.7	$C61/70/74/$	45.6	N.D.	$C_{61/70/74/76}$	46.1	57	$JC_{61/70/74/7}$	46	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	32	38	J	29	N.D.	U	95	N.D.	U	80
PCB-75	N.D.	$JXC_{59/62/7}$	1.26	N.D.	$C_{59/62/75}$	35.8	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	40.1	N.D.	$C_{59/62/75}$	40	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	27	N.D.	$C_{59/62/75}$	24	N.D.	U	71	N.D.	U	60
PCB-76	7.22	$XC_{61/70/74/}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57.1	89.7	$C61/70/74/$	45.6	N.D.	$C_{61/70/74/76}$	46.1	57	$JC_{61/70/74/7}$	46	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	32	38	J	29	N.D.	U	95	N.D.	U	80
PCB-77	N.D.	UX	2.11	N.D.		13.6	10.3	J	10	N.D.		10.1	N.D.		10	N.D.		13	N.D.		20	N.D.		19	N.D.	U	24	N.D.	U	20
PCB-78	N.D.	UX	2.13	N.D.		15.5	N.D.		13.4	N.D.		13.6	N.D.		14	N.D.		17	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-79	N.D.	UX	1.79	N.D.		12.6	N.D.		13.5	N.D.		13.7	N.D.		14	N.D.		17	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-80	N.D.	UX	1.75	N.D.		10.6	N.D.		15.8	N.D.		16	N.D.		16	N.D.		20	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-81	N.D.	UX	2.25	N.D.		17.4	N.D.		9.52	N.D.		9.62	N.D.		9.7	N.D.		12	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-82	N.D.	UX	1.39	N.D.		14.5	N.D.		11.7	N.D.		11.8	N.D.		12	N.D.		15	N.D.		14	N.D.		13	N.D.	U	24	N.D.	U	20
PCB-83	N.D.	UX	1.09	N.D.		28.1	N.D.		12	N.D.		12.1	N.D.		12	N.D.		15	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-84	1.56	JX	N.V.P.	N.D.		10.6	N.D.		11.3	N.D.		11.4	N.D.		12	N.D.		14	N.D.		27	N.D.		24	N.D.	U	24	N.D.	U	20
PCB-85	N.D.	$UXC_{85/116}$	1.09	N.D.	$C_{85/116/117}$	36.8	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	65.4	N.D.	$C_{85/116/117}$	66	N.D.	$C_{85/116/117}$	81	N.D.	$C_{85/116/117}$	36	N.D.	$C_{85/116/117}$	33	N.D.	U	71	N.D.	U	60
PCB-86	4.11	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.D.	/87/97/109/11	71.6	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	123	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	150	N.D.	$C_{86/87/97/108/119/125}$	160	N.D.	$C_{86/87/97/108/119/125}$	150	N.D.	U	140	N.D.	U	120
PCB-87	4.11	$JXC_{86/87/97/108/119/125}$	N.V.P.	N.D.	/87/97/109/11	71.6	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	123	N.D.	/87/97/109/11	120	N.D.	/87/97/109/11	150	N.D.	$C_{86/87/97/108/119/125}$	160	N.D.	$C_{86/87/97/108/119/125}$	150	N.D.	U	140	N.D.	U	120
PCB-88	N.D.	UX	1.15	N.D.		21.3	N.D.		14.2	N.D.		14.3	N.D.		14	N.D.		18	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-89	N.D.	UX	1.29	N.D.		12.6	N.D.		14.2	N.D.		14.3	N.D.		14	N.D.		18	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-90	6.09	$XBC_{90/101/1}$	N.V.P.	N.D.	$C_{90/101/113}$	45.5	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39.7	N.D.	$C_{90/101/113}$	40	N.D.	$C_{90/101/113}$	49	N.D.	$C_{90/101/113}$	43	N.D.	$C_{90/101/113}$	39	N.D.	U	71	N.D.	U	60
PCB-91	2.11	JXE	N.V.P.	N.D.		21.3	N.D.		11.3	N.D.		11.4	N.D.		12	N.D.		14	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-09R																											
Sampling Date	3/25/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/15/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-92	N.D.	UX	1.23	N.D.		12.6	N.D.		14.9	N.D.		15	N.D.		15	N.D.		19	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-93	N.D.	UXC93/100	1.02	N.D.	C93/100	74.5	N.D.	C93/100	29.3	N.D.	C93/100	29.6	N.D.	C93/100	30	N.D.	C93/100	37	N.D.	C93/100	27	N.D.	C93/100	24	N.D.	U	48	N.D.	U	40
PCB-94	N.D.	UX	1.27	N.D.		12.6	N.D.		13.2	N.D.		13.4	N.D.		13	N.D.		17	N.D.		17	N.D.		13	N.D.	U	24	N.D.	U	20
PCB-95	5.22	JBXE	N.V.P.	N.D.		74.5	28.7	J	14.7	N.D.		14.8	48	J I B	15	N.D.		18	N.D.		13	15	J	12	N.D.	U	24	N.D.	U	20
PCB-96	N.D.	UX	0.872	N.D.		14.5	N.D.		12.3	N.D.		12.4	N.D.		13	N.D.		15	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-97	4.11	JXC86/87/97/108/119/125	N.V.P.	N.D.	C87/97/109/11	71.6	N.D.	C87/97/109/11	122	N.D.	C87/97/109/11	123	N.D.	C87/97/109/11	120	N.D.	C87/97/109/11	150	N.D.	C86/87/97/109/119/125	160	N.D.	C86/87/97/109/119/125	150	N.D.	U	140	N.D.	U	120
PCB-98	N.D.	UX	1.65	N.D.	C98/102	74.5	N.D.	C98/102	39.3	N.D.	C98/102	39.7	N.D.	C98/102	40	N.D.	C98/102	49	N.D.	C98/102	31	N.D.	C98/102	28	N.D.	U	48	N.D.	U	40
PCB-99	3.05	JX	N.V.P.	N.D.		28.1	N.D.		13.9	N.D.		14	N.D.		14	N.D.		17	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-100	N.D.	UXC93/100	1.02	N.D.	C93/100	74.5	N.D.	C93/100	29.3	N.D.	C93/100	29.6	N.D.	C93/100	30	N.D.	C93/100	37	N.D.	C93/100	24	N.D.	C93/100	24	N.D.	U	48	N.D.	U	40
PCB-101	6.09	KBC90/101/113	N.V.P.	N.D.	C90/101/113	45.5	N.D.	C90/101/113	39.3	N.D.	C90/101/113	39.7	N.D.	C90/101/113	40	N.D.	C90/101/113	49	N.D.	C90/101/113	43	N.D.	C90/101/113	39	N.D.	U	71	N.D.	U	60
PCB-102	N.D.	UX	1.15	N.D.	C98/102	74.5	N.D.	C98/102	39.3	N.D.	C98/102	39.7	N.D.	C98/102	40	N.D.	C98/102	49	N.D.	C98/102	31	N.D.	C98/102	28	N.D.	U	48	N.D.	U	40
PCB-103	N.D.	UX	1.13	N.D.		10.6	N.D.		17.4	N.D.		17.6	N.D.		18	N.D.		22	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-104	N.D.	UX	0.932	N.D.		13.6	N.D.		12.1	N.D.		12.2	N.D.		12	N.D.		15	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-105	3.25	JXB	N.V.P.	N.D.		16.5	20.4	J	12.3	12.9	J	12.4	13	J I	13	N.D.		15	N.D.		12	11	J	11	N.D.	U	24	N.D.	U	20
PCB-106	N.D.	UX	0.934	N.D.		16.5	N.D.		14.9	N.D.		15	N.D.		15	N.D.		19	N.D.		20	N.D.		19	N.D.	U	24	N.D.	U	20
PCB-107	N.D.	UXC107/124	0.891	N.D.		16.5	N.D.		15.4	N.D.		15.6	N.D.		16	N.D.		19	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-108	4.11	JXC86/87/97/108/119/125	N.V.P.	N.D.	C108/124	28.1	N.D.	C108/124	30.3	N.D.	C108/124	30.6	N.D.	C108/124	31	N.D.	C108/124	38	N.D.	C108/124	28	N.D.	C108/124	25	N.D.	U	48	N.D.	U	40
PCB-109	N.D.	UX	0.764	N.D.	C87/97/109/11	71.6	N.D.	C87/97/109/11	122	N.D.	C87/97/109/11	123	N.D.	C87/97/109/11	120	N.D.	C87/97/109/11	150	N.D.	C86/87/97/109/119/125	160	N.D.	C86/87/97/109/119/125	150	N.D.	U	140	N.D.	U	120
PCB-110	6.73	JXB	N.V.P.	N.D.	C110/115	37.8	N.D.	C110/115	58.2	N.D.	C110/115	58.8	N.D.	C110/115	59	N.D.	C110/115	73	N.D.	C110/115	28	27	J	25	N.D.	U	48	N.D.	U	40
PCB-111	N.D.	UX	0.833	N.D.		13.6	N.D.		16.3	N.D.		16.4	N.D.		17	N.D.		20	N.D.		14	N.D.		13	N.D.	U	24	N.D.	U	20
PCB-112	N.D.	UX	1.03	N.D.		13.6	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		21	N.D.		17	N.D.		16	N.D.	U	24	N.D.	U	20
PCB-113	6.09	KBC90/101/113	N.V.P.	N.D.	C90/101/113	45.5	N.D.	C90/101/113	39.3	N.D.	C90/101/113	39.7	N.D.	C90/101/113	40	N.D.	C90/101/113	49	N.D.	C90/101/113	43	N.D.	C90/101/113	39	N.D.	U	71	N.D.	U	60
PCB-114	N.D.	UX	0.91	N.D.		14.5	N.D.		14.7	N.D.		14.8	N.D.		15	N.D.		18	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-115	N.D.	UX	1.18	N.D.	C110/115	37.8	N.D.	C110/115	58.2	N.D.	C110/115	58.8	N.D.	C110/115	59	N.D.	C110/115	73	N.D.	C110/115	28	N.D.	C110/115	28	N.D.	U	48	N.D.	U	40
PCB-116	N.D.	UXC85/116	1.09	N.D.	C85/116/117	36.8	N.D.	C85/116/117	64.8	N.D.	C85/116/117	65.4	N.D.	C85/116/117	66	N.D.	C85/116/117	81	N.D.	C85/116/117	36	N.D.	C85/116/117	33	N.D.	U	71	N.D.	U	60
PCB-117	N.D.	UX	0.707	N.D.	C85/116/117	36.8	N.D.	C85/116/117	64.8	N.D.	C85/116/117	65.4	N.D.	C85/116/117	66	N.D.	C85/116/117	81	N.D.	C85/116/117	36	N.D.	C85/116/117	33	N.D.	U	71	N.D.	U	60
PCB-118	5.49	JXB	N.V.P.	N.D.		29	35.6	J	12.9	23.3	J	13	20	J	13	N.D.		16	N.D.		18	19	J	17	N.D.	U	24	N.D.	U	20
PCB-119	4.11	JXC86/87/97/108/119/125	N.V.P.	N.D.	C87/97/109/11	71.6	N.D.	C87/97/109/11	122	N.D.	C87/97/109/11	123	N.D.	C87/97/109/11	120	N.D.	C87/97/109/11	150	N.D.	C86/87/97/109/119/125	160	N.D.	C86/87/97/109/119/125	150	N.D.	U	24	N.D.	U	120
PCB-120	N.D.	UX	0.815	N.D.		12.6	N.D.		15.9	N.D.		16.1	N.D.		16	N.D.		20	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-121	N.D.	UX	0.847	N.D.		11.6	N.D.		13.7	N.D.		13.8	N.D.		14	N.D.		17	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-122	N.D.	UX	0.96	N.D.		11.6	N.D.		12.9	N.D.		13	N.D.		13	N.D.		16	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-123	N.D.	UX	0.922	N.D.		16.5	N.D.		12.5	N.D.		12.6	N.D.		13	N.D.		16	N.D.		23	N.D.		21	N.D.	U	24	N.D.	U	20
PCB-124	N.D.	UXC107/124	0.891	N.D.	C108/124	28.1	N.D.	C108/124	30.3	N.D.	C108/124	30.6	N.D.	C108/124	31	N.D.	C108/124	38	N.D.	C108/124	28	N.D.	C108/124	25	N.D.	U	48	N.D.	U	40
PCB-125	4.11	JXC86/87/97/108/119/125	N.V.P.	N.D.	C87/97/109/11	71.6	N.D.	C87/97/109/11	122	N.D.	C87/97/109/11	123	N.D.	C87/97/109/11	120	N.D.	C87/97/109/11	150	N.D.	C86/87/97/109/119/125	160	N.D.	C86/87/97/109/119/125	150	N.D.	U	140	N.D.	U	120
PCB-126	N.D.	UX	1.04	N.D.		15.5	N.D.		15.8	N.D.		16	N.D.		16	N.D.		20	N.D.		31	N.D.		28	N.D.	U	24	N.D.	U	20
PCB-127	N.D.	UX	0.942	N.D.		13.6	N.D.		17.8	N.D.		18	N.D.		18	N.D.		22	N.D.		7.4	N.D.		6.8	N.D.	U	24	N.D.	U	20
PCB-128	2.79	JBXC128/166	N.V.P.	N.D.	C128/166	28.1	N.D.	C128/166	37.9	N.D.	C128/166	38.3	N.D.	C128/166	39	N.D.	C128/166	47	N.D.	C128/166	19	N.D.	C128/166	18	N.D.	U	48	N.D.	U	40
PCB-129	21.7	BC129/138/163	N.V.P.	N.D.	C129/138/163	61	N.D.	C129/138/163	49.8	N.D.	C129/138/163	50.3	N.D.	C129/138/163	51	N.D.	C129/138/163	62	N.D.	C129/138/163	31	N.D.	C129/138/163	28	N.D.	U	48	N.D.	U	70
PCB-130	N.D.	UX	0.957	N.D.		12.6	N.D.		17.6	N.D.		17.8	N.D.		18	N.D.		22	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-131	N.D.	UX	0.919	N.D.		16.5	N.D.		15.1	N.D.		15.3	N.D.		15	N.D.		19	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-132	5.25	JXB	N.V.P.	N.D.		15.5	N.D.		14.5	N.D.		14.6	N.D.		15	N.D.		18	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-133	N.D.	UX	0.843	N.D.		11.6	N.D.		17.4	N.D.		17.6	N.D.		18	N.D.		22	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-134	N.D.	UX	0.892	N.D.		31.9	N.D.		14.8	N.D.		14.9	N.D.		15	N.D.		18	N.D.		18	N.D.		17	N.D.	U	24	N.D.	U	20
PCB-135	5.29	XBC135/151	N.V.P.	N.D.	C135/151	44.5	N.D.	C135/151	41	N.D.	C135/151	41.4	N.D.	C135/151	42	N.D.	C135/151	51	N.D.	C135/151	34	N.D.	C135/151	31	N.D.	U	48	N.D.	U	40
PCB-136	2.24	JXB	N.V.P.	N.D.		15.5	N.D.		14.3	N.D.		14.4	N.D.		15	N.D.		18	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-137	N.D.	UX	0.784	N.D.		14.5	N.D.		18.4	N.D.		18.6	N.D.		19	N.D.		23	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-138	21.7	BC129/138/163	N.V.P.	N.D.	C129/138/163	61	N.D.	C129/138/163	49.8	N.D.	C129/138/163	50.3	N.D.	C129/138/163	51	N.D.	C129/138/163	62	N.D.	C129/138/163	31	N.D.	C129/138/163	19	N.D.	U	48	N.D.	U	70
PCB-139	N.D.	UXC139/140	0.799	N.D.	C139/140	28.1	N.D.	C139/140	31.3	N.D.	C139/140	31.6	N.D.	C139/140	32	N.D.	C139/140	39	N.D.	C139/140	20	N.D.	C139/140	19	N.D.	U	48	N.D.	U	40
PCB-140	N.D.	UXC139/140	0.799	N.D.	C139/140	28.1	N.D.	C139/140	31.3	N.D.	C139/140	31.6	N.D.	C139/140	32	N.D.	C139/140	39	N.D.	C139/140	20	N.D.	C139/140	20	N.D.	U	48	N.D.	U	40
PCB-141	6.21	JXB	N.V.P.	N.D.		16.5	N.D.		21.4	N.D.		21.6	N.D.		22	N.D.		27	N.D.		6.4	N.D.		5.9	N.D.	U	27	N.D.	U	23
PCB-142	N.D.	UX	0.94	N.D.		16.5	N.D.		17	N.D.		17.1	N.D.		17	N.D.		21	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-143	N.D.	UX	0.954	N.D.		31.9	N.D.		16.3	N.D.		16.4	N.D.		17	N.D.		20	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-144	N.D.	UX	0.828	N.D.		14.5	N.D.		15.9	N.D.		16.1	N.D.		16	N.D.		20	N.D.		22	N.D.		20	N.D.	U	24	N.D.	U	20
PCB-145	N.D.	UX	0.764	N.D.		15.5	N.D.		14.7	N.D.		14.8	N.D.		15	N.D.		18	N.D.		24	N.D.		22	N.D.	U	24	N.D.	U	20
PCB-146	1.74	JXBE	N.V.P.	N.D.		13.6	N.D.		14.9	N.D.		15	N.D.		15	N.D.		19	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-147	12.4	XBC147/149	N.V.P.	N.D.	C147/149	33.9	N.D.	C147/149	27.3	N.D.	C147/149	27.6	N.D.	C147/149	28	N.D.	C147/149	34	N.D.	C147/149	21	N.D.	C147/149	20	N.D.	U	51	N.D.	U	43
PCB-148	N.D.	UX	0.819	N.D.		13.6	N.D.		15.1	N.D.		15.3	N.D.		15	N.D.		19	N.D.		17	N.D.		16	N.D.	U	24	N.D.	U	20
PCB-149	12.4	XBC147/149	N.V.P.	N.D.	C147/149	33.9	N.D.	C147/149	27.3	N.D.	C147/149	27.6	N.D.	C147/149	28	N.D.	C147/149	34	N.D.	C147/149	21	N.D.	C147/149	20	N.D.	U	51	N.D.	U	43
PCB-150	N.D.	UX	0.781	N.D.		14.5	N.D.		15.9	N.D.		16.1	N.D.		16	N.D.		20	N.D.		20	N.D.		19	N.D.	U	24	N.D.	U	20
PCB-151	5.29	XBC135/151	N.V.P.	N.D.	C135/151	44.5	N.D.	C135/151	41	N.D.	C135/151	41.4	N.D.	C135/151	42	N.D.	C135/151	51	N.D.	C135/151	34	N.D.	C135/151	34	N.D.	U	48	N.D.	U	40
PCB-152	N.D.	UX	0.692	N.D.		13.6	N.D.		13.9	N.D.		14	N.D.		14	N.D.		17	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-153	16.2	XBC153/168	N.V.P.	37.8	JBC153/168	29	N.D.	C153/168	29.1	N.D.	C153/168	29.4	N.D.	C153/168	30	N.D.	C153/168	36	N.D.	C153/168	19	19	J	18	N.D.	U	61	N.D.	U	51
PCB-154	N.D.	UX	0.742	N.D.		44.5	N.D.		44.6	N.D.		45	N.D.		45	N.D.		56	N.D.		48	N.D.		44	N.D.	U	24	N.D.	U	20
PCB-155	N.D.	UX	0.781	N.D.		13.6	N.D.		15	N.D.		15.1	N.D.		15	N.D.		19	N.D.		211	N.D.		20	N.D.	U	24	N.D.	U	40
PCB-156	3.4	XBC156/157	N.V.P.	N.D.	C156/157	22.3	N.D.	C156/157	33.2	N.D.	C156/157	33.6	N.D.	C156/157	34	N.D.	C156/157	42	N.D.	C156/157	31	N.D.	C156/157	28	N.D.	U	48	N.D.	U	40
PCB-157	3.4	XBC156/157	N.V.P.	N.D.	C156/157	22.3	N.D.	C156/157	33.2	N.D.	C156/157	33.6	N.D.	C156/157	34	N.D.	C156/157	42	N.D.	C156/157	31	N.D.	C156/157	28	N.D.	U	48	N.D.	U	40
PCB-158	1.78	JXB	N.V.P.	N.D.		15.5	N.D.		17.8	N.D.		18	N.D.		18	N.D.		22	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-159	0.998	JX	N.V.P.	N.D.		13.6	N.D.		19.1	N.D.		19.3	N.D.		19	N.D.		24	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-160	N.D.	UX	0.724	N.D.		61	N.D.		18.9	N.D.		19	N.D.		19	N.D.		24	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-161	N.D.	UX	0.642	N.D.		12.6	N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		21	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-162	N.D.	UX	0.734	N.D.		12.6	N.D.		18.7	N.D.		18.8	N.D.		19	N.D.		23	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-163	21.7	BC129/138/163	N.V.P.	N.D.	C129/138/163	61	N.D.	C129/138/163	49.8	N.D.	C129/138/163	50.3	N.D.	C129/138/163	51	N.D.	C129/138/163	62	N.D.	C129/138/163	31	N.D.	C129/138/163	28	N.D.	U	48	N.D.	U	70
PCB-164	1.62	JXB	N.V.P.	N.D.		14.5	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		21	N.D.		7.4	N.D.		6.8	N.D.	U	24	N.D.	U	20
PCB-165	N.D.	UX	0.688	N.D.		12.6	N.D.		16.5	N.D.		16.6	N.D.		17	N.D.		21	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-166	2.79	XBC128/166	N.V.P.	N.D.	C128/166	28.1	N.D.	C128/166	37.9	N.D.	C128/166	38.3	N.D.	C128/166	39	N.D.	C128/166	47	N.D.	C128/166	19	N.D.	C128/166	18	N.D.	U	48	N.D.	U	40
PCB-167	1.06	JX	N.V.P.	N.D.		12.6	N.D.		16.2	N.D.		16.3	N.D.		16	N.D.		20	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-168	16.2	XBC153/168	N.V.P.	37.8	JBC153/168	29	N.D.	C153/168	29.1	N.D.	C153/168	29.4	N.D.	C153/168	30	N.D.	C153/168	36	N.D.	C153/168	19	19	J	18	N.D.	U	61	N.D.	U	51
PCB-169	N.D.	UX	0.901	N.D.		14.5	N.D.		17.7	N.D.		17.9	N.D.		18	N.D.		22	N.D.		19	N.D.		18	N.D.	U	24	N.D.	U	20
PCB-170	18.6	XB	N.V.P.	N.D.		11.6	N.D.		16.9	N.D.		17	N.D.		17	N.D.		21	N.D.		12	N.D.		11	N.D.	U	50	N.D.	U	42
PCB-171	4.8	XBC171/173	N.V.P.	N.D.	C171/173	29	N.D.	C171/173	35.8	N.D.	C171/173	36.2	N.D.	C171/173	36	N.D.	C171/173	45	N.D.	C171/173	17	16	C171/173	17	N.D.	U	48	N.D.	U	40
PCB-172	2.47	JX	N.V.P.	N.D.		12.6	N.D.		15	N.D.		15.2	N.D.		15	N.D.		19	N.D.		9.6	N.D.		8.8	N.D.	U	50	N.D.	U	20
PCB-173	4.8	XBC171/173	N.V.P.	N.D.	C171/173	29	N.D.	C171/173	35.8	N.D.	C171/173	36.2	N.D.	C171/173	36	N.D.	C171/173	45	N.D.	C171/173	17	16	C171/173	17	N.D.	U	24	N.D.	U	40
PCB-174	19.3	XB	N.V.P.	N.D.		14.5	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		21	N.D.		12	11	J	11	N.D.	U	56	N.D.	U	47
PCB-175	N.D.	UX	1.19	N.D.		13.6	N.D.		19.9	N.D.		20.1	N.D.		20	N.D.		25	N.D.		13	N.D.		12	N.D.	U	24	N.D.	U	20
PCB-176	0.883	JXE	N.V.P.	N.D.		11.6	N.D.		15.3	N.D.		15.5	N.D.		26	N.D.		19	N.D.		6.4	N.D.		5.9	N.D.	U	24	N.D.	U	20
PCB-177	9.94	JXB	N.V.P.	N.D.		10.6	N.D.		17	N.D.		17.2	N.D.		17	N.D.		21	N.D.		9.6	N.D.		8.8	N.D.	U	29	N.D.	U	24

Appendix B.1

Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-09R																													
Sampling Date	3/25/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/15/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-178	1.67	JXBE	N.V.P.	N.D.		13.6	N.D.		25.2	N.D.		25.5	N.D.		26	N.D.		32	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-179	3.71	JBX	N.V.P.	N.D.		13.6	N.D.		13.4	N.D.		13.6	N.D.		14	N.D.		17	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-180	43.5	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	35	N.D.	$C_{180/193}$	20	25	J	19	N.D.	U	60	N.D.	U	50
PCB-181	N.D.	UX	1.12	N.D.		12.6	N.D.		19.8	N.D.		20	N.D.		20	N.D.		25	N.D.		8.5	N.D.		7.8	N.D.	U	24	N.D.	U	20
PCB-182	N.D.	UX	1.06	N.D.		12.6	N.D.		22.6	N.D.		22.8	N.D.		23	N.D.		28	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-183	7.15	JXB	N.V.P.	N.D.	$C_{183/185}$	27.1	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.9	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	62	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	50	N.D.	U	42
PCB-184	N.D.	UX	0.736	N.D.		13.6	N.D.		15.4	N.D.		15.6	N.D.		16	N.D.		19	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-185	1.24	JXE	N.V.P.	N.D.	$C_{183/185}$	27.1	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.9	N.D.	$C_{183/185}$	50	N.D.	$C_{183/185}$	62	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	50	N.D.	U	42
PCB-186	N.D.	UX	0.692	N.D.		14.5	N.D.		16.3	N.D.		16.4	N.D.		17	N.D.		20	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-187	14.7	XB	N.V.P.	16.7	J	16.5	N.D.		19.4	N.D.		19.6	N.D.		20	N.D.		24	N.D.		12	15	J	11	N.D.	U	45	N.D.	U	38
PCB-188	N.D.	UX	0.759	N.D.		14.5	N.D.		77.3	N.D.		78.1	N.D.		79	N.D.		97	N.D.		50	N.D.		46	N.D.	U	24	N.D.	U	20
PCB-189	N.D.	UX	1.12	N.D.		12.6	N.D.		16.8	N.D.		16.9	N.D.		17	N.D.		21	N.D.		16	N.D.		15	N.D.	U	24	N.D.	U	20
PCB-190	4.24	JXB	N.V.P.	N.D.		13.6	N.D.		18.9	N.D.		19	N.D.		19	N.D.		24	N.D.		17	N.D.		16	N.D.	U	24	N.D.	U	20
PCB-191	N.D.	UX	0.923	N.D.		12.6	N.D.		15.2	N.D.		15.4	N.D.		16	N.D.		19	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-192	N.D.	UX	0.98	N.D.		12.6	N.D.		17.1	N.D.		17.3	N.D.		17	N.D.		21	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-193	43.5	$XBC_{180/193}$	N.V.P.	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	28	N.D.	$C_{180/193}$	35	N.D.	$C_{180/193}$	20	25	J	19	N.D.	U	60	N.D.	U	50
PCB-194	13	XB	N.V.P.	N.D.		17.4	N.D.		27.3	N.D.		27.6	N.D.		28	N.D.		34	N.D.		13	20	J	12	N.D.	U	31	N.D.	U	55
PCB-195	5.52	JXB	N.V.P.	N.D.		21.3	N.D.		26.6	N.D.		26.8	N.D.		27	N.D.		33	N.D.		15	N.D.		14	N.D.	U	24	N.D.	U	20
PCB-196	6.87	JXB	N.V.P.	N.D.		19.4	N.D.		22.7	N.D.		22.9	N.D.		23	N.D.		28	N.D.		12	N.D.		11	N.D.	U	24	N.D.	U	20
PCB-197	N.D.	UX	0.584	N.D.	$C_{197/200}$	41.6	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	76.3	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	95	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	14	N.D.	U	48	N.D.	U	40
PCB-198	13.3	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	35.8	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.8	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	59	N.D.	$C_{198/199}$	19	24	J	18	N.D.	U	48	N.D.	U	40
PCB-199	13.3	$XBC_{198/199}$	N.V.P.	N.D.	$C_{198/199}$	35.8	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.8	N.D.	$C_{198/199}$	48	N.D.	$C_{198/199}$	59	N.D.	$C_{198/199}$	19	24	J	18	N.D.	U	48	N.D.	U	40
PCB-200	1.75	JX	N.V.P.	N.D.	$C_{197/200}$	41.6	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	76.3	N.D.	$C_{197/200}$	77	N.D.	$C_{197/200}$	95	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	14	N.D.	U	48	N.D.	U	40
PCB-201	1.02	JXBE	N.V.P.	N.D.		19.4	N.D.		94.9	N.D.		95.8	N.D.		97	N.D.		120	N.D.		52	N.D.		48	N.D.	U	24	N.D.	U	20
PCB-202	1.05	JXBE	N.V.P.	N.D.		23.2	N.D.		26.8	N.D.		27	N.D.		27	N.D.		33	N.D.		9.6	N.D.		8.8	N.D.	U	24	N.D.	U	20
PCB-203	8.02	JXB	N.V.P.	N.D.		17.4	N.D.		20.3	N.D.		20.5	N.D.		21	N.D.		25	N.D.		14	N.D.		13	N.D.	U	24	N.D.	U	52
PCB-204	N.D.	UX	0.651	N.D.		20.3	N.D.		21.7	N.D.		21.9	N.D.		22	N.D.		27	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-205	N.D.	UX	0.957	N.D.		14.5	N.D.		26.5	N.D.		26.7	N.D.		27	N.D.		33	N.D.		7.4	N.D.		6.8	N.D.	U	24	N.D.	U	20
PCB-206	N.D.	UX	2.5	N.D.		15.5	N.D.		24	N.D.		24.2	N.D.		24	N.D.		30	N.D.		7.4	28	J B	6.8	N.D.	U	24	N.D.	U	58
PCB-207	N.D.	UX	1.57	N.D.		18.4	N.D.		23.3	N.D.		23.6	N.D.		24	N.D.		29	N.D.		11	N.D.		9.8	N.D.	U	24	N.D.	U	20
PCB-208	N.D.	UX	1.69	N.D.		15.5	N.D.		25.1	N.D.		25.4	N.D.		26	N.D.		31	N.D.		59	N.D.		54	N.D.	U	37	N.D.	U	31
PCB-209	0.918	JXE	N.V.P.	44.2	J	15.5	N.D.		347	N.D.		350	N.D.		350	N.D.		430	N.D.		260	N.D.		230	62	J	48	62	J	40

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
: method blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-10																														
Sampling Date	3/23/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/21/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																															
Total PCBs	2222.46	-	-	980.4	-	-	N.D.	-	-	N.D.	-	-	296.5	-	-	6	-	-	N.D.	-	-	76.3	-	-	N.D.	-	-	39	-	-
PCB-1	N.D.	UX	2.32	N.D.		9.66	N.D.		48.1	N.D.		48.1	N.D.		50	N.D.		50	N.D.		19	N.D.		17	N.D.	U	39	N.D.	U	38
PCB-2	N.D.	UX	2.52	N.D.		6.76	N.D.		70.5	N.D.		70.5	N.D.		74	N.D.		73	N.D.		17	N.D.		15	N.D.	U	19	N.D.	U	29
PCB-3	N.D.	UX	2.77	N.D.		10.6	N.D.		39.6	N.D.		39.6	N.D.		41	N.D.		41	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	29
PCB-4	N.D.	UX	4.84	N.D.		12.6	N.D.		4.76	N.D.		4.76	N.D.		5	6	J I	4.9	N.D.		23	N.D.		21	N.D.	U	28	N.D.	U	28
PCB-5	N.D.	UX	3.65	N.D.		7.73	N.D.		7.46	N.D.		7.46	N.D.		7.8	N.D.		7.7	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-6	N.D.	UX	3.69	N.D.		6.76	N.D.		13.3	N.D.		13.3	N.D.		14	N.D.		14	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-7	N.D.	UX	3.6	N.D.		7.73	N.D.		7.89	N.D.		7.89	N.D.		8.2	N.D.		8.1	N.D.		17	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-8	4.86	JX	N.V.P.	N.D.		14.5	N.D.		10	N.D.		10	N.D.		10	N.D.		10	N.D.		17	N.D.		15	N.D.	U	28	N.D.	U	28
PCB-9	N.D.	UX	4.03	N.D.		6.76	N.D.		8.35	N.D.		8.35	N.D.		8.7	N.D.		8.6	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-10	N.D.	UX	3.18	N.D.		12.6	N.D.		5.15	N.D.		5.15	N.D.		5.4	N.D.		5.3	N.D.		23	N.D.		21	N.D.	U	19	N.D.	U	19
PCB-11	23.7	X	N.V.P.	33.9	JB	32.9	N.D.		130	N.D.		130	N.D.		140	N.D.		130	N.D.		120	N.D.		100	N.D.	U	58	N.D.	U	120
PCB-12	N.D.	$UXC_{12/13}$	3.75	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	32	N.D.	U	19	N.D.	U	19
PCB-13	N.D.	$UXC_{12/13}$	3.75	N.D.	$C_{12/13}$	18.4	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	21	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	36	N.D.	$C_{12/13}$	32	N.D.	U	19	N.D.	U	19
PCB-14	N.D.	UX	3.23	N.D.		7.73	N.D.		1.9	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-15	10.8	JX	N.V.P.	N.D.		15.5	N.D.		8.09	N.D.		8.09	9.5	J I	8.5	N.D.		8.3	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-16	N.D.	UX	7.79	N.D.		8.7	N.D.		1.9	N.D.		5.07	N.D.		5.3	N.D.		5.2	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-17	N.D.	UX	4.46	N.D.		8.7	N.D.		5.84	N.D.		5.84	N.D.		6.1	N.D.		6	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-18	4.73	$JXC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	10	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	38
PCB-19	N.D.	UX	5.01	N.D.		7.73	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		12	N.D.		10	N.D.	U	23	N.D.	U	23
PCB-20	12.5	$XC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.3	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-21	4.56	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.3	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	10	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	38
PCB-22	3.5	JX	N.V.P.	N.D.		8.7	N.D.		5.65	N.D.		5.65	N.D.		5.9	N.D.		5.8	N.D.		15	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-23	N.D.	UX	3.23	N.D.		6.76	N.D.		4.8	N.D.		4.8	N.D.		5	N.D.		4.9	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-24	N.D.	UX	3.09	N.D.		9.66	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-25	N.D.	UX	3.12	N.D.		7.73	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-26	N.D.	$UXC_{26/29}$	3.15	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	34	N.D.	U	39	N.D.	U	38
PCB-27	N.D.	UX	3.23	N.D.		7.73	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		12	N.D.		10	N.D.	U	19	N.D.		
PCB-28	12.5	$XC_{20/28}$	N.V.P.	N.D.	$C_{20/28}$	21.3	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	15.5	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	30	N.D.	$C_{20/28}$	27	N.D.	U	39	N.D.	U	38
PCB-29	N.D.	$UXC_{26/29}$	3.15	N.D.	$C_{26/29}$	11.6	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	28	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	38	N.D.	$C_{26/29}$	34	N.D.	U	39	N.D.	U	38
PCB-30	4.73	$JXC_{18/30}$	N.V.P.	N.D.	$C_{18/30}$	15.5	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	9.52	N.D.	$C_{18/30}$	10	N.D.	$C_{18/30}$	9.8	N.D.	$C_{18/30}$	25	N.D.	$C_{18/30}$	23	N.D.	U	39	N.D.	U	38
PCB-31	8.15	JX	N.V.P.	N.D.		17.4	N.D.		11.1	N.D.		11.1	N.D.		12	N.D.		11	N.D.		18	N.D.		13	N.D.	U	19	N.D.	U	40
PCB-32	N.D.	UX	3.14	N.D.		7.73	N.D.		4.83	N.D.		4.83	N.D.		5	N.D.		5	N.D.		8.5	N.D.		7.6	N.D.	U	19	N.D.	U	19
PCB-33	4.56	$JXC_{21/33}$	N.V.P.	N.D.	$C_{21/33}$	20.3	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	9.52	N.D.	$C_{21/33}$	10	N.D.	$C_{21/33}$	9.8	N.D.	$C_{21/33}$	31	N.D.	$C_{21/33}$	28	N.D.	U	39	N.D.	U	38
PCB-34	N.D.	UX	3.31	N.D.		6.76	N.D.		5.55	N.D.		5.55	N.D.		5.8	N.D.		5.7	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-35	N.D.	UX	3.42	N.D.		8.7	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-36	N.D.	UX	3.07	N.D.		7.73	N.D.		6.82	N.D.		6.82	N.D.		7.1	N.D.		7	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-37	6.24	JX	N.V.P.	N.D.		9.66	N.D.		5.49	N.D.		5.49	N.D.		5.7	N.D.		5.7	N.D.		8.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-38	N.D.	UX	3.21	N.D.		6.76	N.D.		4.76	N.D.		4.76	N.D.		5	N.D.		4.9	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-39	N.D.	UX	2.97	N.D.		7.73	N.D.		5.9	N.D.		5.9	N.D.		6.2	N.D.		6.1	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-40	4.5	$JXC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.6	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	15	N.D.	U	39	N.D.	U	38
PCB-41	N.D.	UX	2.76	N.D.		40.6	N.D.		12.6	N.D.		12.6	N.D.		13	N.D.		13	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-42	N.D.	UX	2.92	N.D.		15.5	N.D.		13.5	N.D.		13.5	N.D.		14	N.D.		14	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-43	N.D.	UX	3.76	N.D.		13.5	N.D.		9.52	N.D.		9.52	N.D.		10	N.D.		9.8	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-44	76.5	$XC_{44/47/65}$	N.V.P.	50.6	$JC_{44/47/65}$	38.6	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	23	J	23	N.D.	U	58	N.D.	U	64
PCB-45	N.D.	UX	2.24	N.D.		21.3	N.D.		11	N.D.		11	N.D.		12	N.D.		11	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-46	N.D.	UX	3.17	N.D.		9.66	N.D.		9.52	N.D.		9.52	N.D.		10	N.D.		9.8	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-47	76.5	$UC_{44/47/65}$	N.V.P.	50.6	$JC_{44/47/65}$	38.6	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	23	J	23	N.D.	U	58	N.D.	U	64
PCB-48	N.D.	UX	2.57	N.D.		13.5	N.D.		12	N.D.		12	N.D.		13	N.D.		12	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-49	7.3	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.1	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	17	N.D.	U	39	N.D.	U	38
PCB-50	N.D.	$UXC_{50/53}$	2.61	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	96	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	38
PCB-51	26	X	N.V.P.	N.D.		21.3	N.D.		30.1	N.D.		30.1	N.D.		31	N.D.		31	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-52	14.5	X	N.V.P.	17.5	J	14.5	N.D.		20.1	N.D.		20.1	N.D.		21	N.D.		21	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-53	N.D.	$UXC_{50/53}$	2.61	N.D.	$C_{50/53}$	24.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	90.2	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	93	N.D.	$C_{50/53}$	96	N.D.	$C_{50/53}$	89	N.D.	U	39	N.D.	U	38
PCB-54	N.D.	UX	2.72	N.D.		13.5	N.D.		9.52	N.D.		9.52	N.D.		10	N.D.		9.8	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-55	N.D.	UX	3.42	N.D.		11.6	N.D.		11.7	N.D.		11.7	N.D.		12	N.D.		12	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-56	4.96	JX	N.V.P.	N.D.		14.5	N.D.		10.3	N.D.		10.3	N.D.		11	N.D.		11	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-57	N.D.	UX	3.22	N.D.		10.6	N.D.		13	N.D.		13	N.D.		14	N.D.		13	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-58	N.D.	UX	2.96	N.D.		13.5	N.D.		12.4	N.D.		12.4	N.D.		13	N.D.		13	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-59	N.D.	$JXC_{59/62/75}$	1.92	N.D.	$C_{59/62/75}$	35.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-60	N.D.	UX	3.16	N.D.		13.5	N.D.		12	N.D.		12	N.D.		13	N.D.		12	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-61	18.6	$C_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	28	N.D.	U	78	N.D.	U	76
PCB-62	N.D.	$JXC_{59/62/75}$	1.92	N.D.	$C_{59/62/75}$	35.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-63	N.D.	UX	2.82	N.D.		11.6	N.D.		12.3	N.D.		12.3	N.D.		13	N.D.		13	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-64	3.97	JX	N.V.P.	N.D.		12.6	N.D.		10.5	N.D.		10.5	N.D.		11	N.D.		11	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-65	76.5	$XC_{44/47/65}$	N.V.P.	50.6	$JC_{44/47/65}$	38.6	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	37	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	38	N.D.	$C_{44/47/65}$	25	23	J	23	N.D.	U	58	N.D.	U	64
PCB-66	9.66	JX	N.V.P.	N.D.		16.4	N.D.		10.5	N.D.		10.5	N.D.		11	N.D.		11	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-67	N.D.	UX	3.12	N.D.		11.6	N.D.		11.7	N.D.		11.7	N.D.		12	N.D.		12	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-68	16.7	X	N.V.P.	N.D.		13.5	N.D.		14.6	N.D.		14.6	N.D.		15	N.D.		15	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-69	7.3	$JXC_{49/69}$	N.V.P.	N.D.	$C_{49/69}$	25.1	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	24	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	19	N.D.	$C_{49/69}$	19	N.D.	U	39	N.D.	U	38
PCB-70	18.6	$C_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	28	N.D.	U	78	N.D.	U	76
PCB-71	4.5	$JXC_{40/71}$	N.V.P.	N.D.	$C_{40/71}$	40.6	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	19.1	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	17	N.D.	$C_{40/71}$	15	N.D.	U	39	N.D.	U	38
PCB-72	N.D.	UX	3.14	N.D.		12.6	N.D.		15	N.D.		15	N.D.		16	N.D.		15	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-73	N.D.	UX	1.9	N.D.		13.5	N.D.		19.8	N.D.		19.8	N.D.		21	N.D.		20	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-74	18.6	$C_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	28	N.D.	U	78	N.D.	U	76
PCB-75	N.D.	$JXC_{59/62/75}$	1.92	N.D.	$C_{59/62/75}$	35.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	39.7	N.D.	$C_{59/62/75}$	42	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	26	N.D.	$C_{59/62/75}$	24	N.D.	U	58	N.D.	U	57
PCB-76	18.6	$C_{61/70/74/76}$	N.V.P.	N.D.	$C_{61/70/74/76}$	57	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	45.6	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	47	N.D.	$C_{61/70/74/76}$	32	N.D.	$C_{61/70/74/76}$	28	N.D.	U	78	N.D.	U	76
PCB-77	N.D.	UX	3.68	N.D.		13.5	N.D.		10	N.D.		10	N.D.		10	N.D.		10	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-78	6.91	JXE	N.V.P.	N.D.		15.5	N.D.		13.4	N.D.		13.4	N.D.		14	N.D.		14	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-79	N.D.	UX	2.8	N.D.		12.6	N.D.		13.5	N.D.		13.5	N.D.		14	N.D.		14	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-80	N.D.	UX	2.75	N.D.		10.6	N.D.		15.8	N.D.		15.8	N.D.		17	N.D.		16	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-81	N.D.	UX	3.52	N.D.		17.4	N.D.		9.52	N.D.		9.52	N.D.		10	N.D.		9.8	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-82	N.D.	UX	2.21	N.D.		14.5	N.D.		11.7	N.D.		11.7	N.D.		12	N.D.		12	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-83	N.D.	UX	1.73	N.D.		28	N.D.		12	N.D.		12	N.D.		13	N.D.		12	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-84	5.69	JX	N.V.P.	N.D.		10.6	N.D.		11.3	N.D.		11.3	N.D.		12	N.D.		12	N.D.		26	N.D.		24	N.D.	U	19	N.D.	U	19
PCB-85	7.53	$JXC_{85/116}$	N.V.P.	N.D.	$C_{85/116/117}$	36.7	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	64.8	N.D.	$C_{85/116/117}$	68	N.D.	$C_{85/116/117}$	67	N.D.	$C_{85/116/117}$	36	N.D.	$C_{85/116/117}$	32	N.D.	U	58	N.D.	U	57
PCB-86	24.1	$XC_{86/87/97/108/119/125}$	N.V.P.	N.D.	/87/97/109/11	71.5	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	130	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-87	24.1	$XC_{86/87/97/108/119/125}$	N.V.P.	N.D.	/87/97/109/11	71.5	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	122	N.D.	/87/97/109/11	130	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	160	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-88	N.D.	UX	1.83	N.D.		21.3	N.D.		14.2	N.D.		14.2	N.D.		15	N.D.		15	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-89	N.D.	UX	2.05	N.D.		12.6	N.D.		14.2	N.D.		14.2	N.D.		15	N.D.		15	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-90	33.6	$BC_{90/101/113}$	N.V.P.	N.D.	$C_{90/101/113}$	45.4	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	39.3	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	42	N.D.	$C_{90/101/113}$	38	N.D.	U	58	N.D.	U	57
PCB-91	3.3	JXE	N.V.P.	N.D.		21.3	N.D.		11.3	N.D.		11.3	N.D.		12	N.D.		12	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19

Appendix B.1
Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-10																													
Sampling Date	3/23/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/21/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-92	5.46	JX	N.V.P.	N.D.		12.6	N.D.		14.9	N.D.		14.9	N.D.		16	N.D.		15	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-93	N.D.	UXC$_{93/100}$	1.62	N.D.	C$_{93/100}$	74.4	N.D.	C$_{93/100}$	29.3	N.D.	C$_{93/100}$	29.3	N.D.	C$_{93/100}$	31	N.D.	C$_{93/100}$	30	N.D.	C$_{93/100}$	26	N.D.	C$_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-94	N.D.	UX	2.02	N.D.		12.6	N.D.		13.2	N.D.		13.2	N.D.		14	N.D.		14	N.D.		14	N.D.		12	N.D.	U	19	39	J	19
PCB-95	21.1	XB	N.V.P.	N.D.		74.4	N.D.		14.7	N.D.		14.7	42	J I B	15	N.D.		15	N.D.		13	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-96	N.D.	UX	1.19	N.D.		14.5	N.D.		12.3	N.D.		12.3	N.D.		13	N.D.		13	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-97	24.1	XC$_{86/87/97/108/119/125}$	N.V.P.	N.D.	C$_{87/97/109/119}$	71.5	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-98	N.D.	UX	2.62	N.D.	C$_{98/102}$	74.4	N.D.	C$_{98/102}$	39.3	N.D.	C$_{98/102}$	39.3	N.D.	C$_{98/102}$	41	N.D.	C$_{98/102}$	41	N.D.	C$_{98/102}$	31	N.D.	C$_{98/102}$	28	N.D.	U	39	N.D.	U	38
PCB-99	20.6	X	N.V.P.	N.D.		28	N.D.		13.9	N.D.		13.9	N.D.		15	N.D.		14	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-100	N.D.	UXC$_{93/100}$	1.62	N.D.	C$_{93/100}$	74.4	N.D.	C$_{93/100}$	29.3	N.D.	C$_{93/100}$	29.3	N.D.	C$_{93/100}$	31	N.D.	C$_{93/100}$	30	N.D.	C$_{93/100}$	26	N.D.	C$_{93/100}$	24	N.D.	U	39	N.D.	U	38
PCB-101	33.6	BC$_{90/101/113}$	N.V.P.	N.D.	C$_{90/101/113}$	45.4	N.D.	C$_{90/101/113}$	39.3	N.D.	C$_{90/101/113}$	39.3	N.D.	C$_{90/101/113}$	41	N.D.	C$_{90/101/113}$	41	N.D.	C$_{90/101/113}$	42	N.D.	C$_{90/101/113}$	38	N.D.	U	58	N.D.	U	57
PCB-102	N.D.	UX	1.83	N.D.	C$_{98/102}$	74.4	N.D.	C$_{98/102}$	39.3	N.D.	C$_{98/102}$	39.3	N.D.	C$_{98/102}$	41	N.D.	C$_{98/102}$	41	N.D.	C$_{98/102}$	31	N.D.	C$_{98/102}$	28	N.D.	U	39	N.D.	U	38
PCB-103	N.D.	UX	1.79	N.D.		10.6	N.D.		17.4	N.D.		17.4	N.D.		18	N.D.		18	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-104	N.D.	UX	1.28	N.D.		13.5	N.D.		12.1	N.D.		12.1	N.D.		13	N.D.		12	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-105	23.1	XB	N.V.P.	N.D.		16.4	N.D.		12.3	N.D.		12.3	N.D.		13	N.D.		13	N.D.		12	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-106	N.D.	UX	1.49	N.D.		16.4	N.D.		14.9	N.D.		14.9	N.D.		16	N.D.		15	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-107	2.2	JXC$_{107/124}$	N.V.P.	N.D.		16.4	N.D.		15.4	N.D.		15.4	N.D.		16	N.D.		16	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-108	24.1	XC$_{86/87/97/108/119/125}$	N.V.P.	N.D.	C$_{108/124}$	28	N.D.	C$_{108/124}$	30.3	N.D.	C$_{108/124}$	30.3	N.D.	C$_{108/124}$	32	N.D.	C$_{108/124}$	31	N.D.	C$_{108/124}$	27	N.D.	C$_{108/124}$	25	N.D.	U	39	N.D.	U	38
PCB-109	2.65	JXE	N.V.P.	N.D.	C$_{87/97/109/119}$	71.5	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-110	47.3	XB	N.V.P.	N.D.	C$_{110/115}$	37.7	N.D.	C$_{110/115}$	58.2	N.D.	C$_{110/115}$	58.2	N.D.	C$_{110/115}$	61	N.D.	C$_{110/115}$	60	N.D.	C$_{110/115}$	27	N.D.	C$_{110/115}$	25	N.D.	U	39	N.D.	U	38
PCB-111	N.D.	UX	1.33	N.D.		13.5	N.D.		16.3	N.D.		16.3	N.D.		17	N.D.		17	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	19
PCB-112	N.D.	UX	1.64	N.D.		13.5	N.D.		16.8	N.D.		16.8	N.D.		18	N.D.		17	N.D.		17	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-113	33.6	BC$_{90/101/113}$	N.V.P.	N.D.	C$_{90/101/113}$	45.4	N.D.	C$_{90/101/113}$	39.3	N.D.	C$_{90/101/113}$	39.3	N.D.	C$_{90/101/113}$	41	N.D.	C$_{90/101/113}$	41	N.D.	C$_{90/101/113}$	42	N.D.	C$_{90/101/113}$	38	N.D.	U	58	N.D.	U	57
PCB-114	N.D.	UX	1.54	N.D.		14.5	N.D.		14.7	N.D.		14.7	N.D.		15	N.D.		15	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-115	N.D.	UX	1.88	N.D.	C$_{110/115}$	37.7	N.D.	C$_{110/115}$	58.2	N.D.	C$_{110/115}$	58.2	N.D.	C$_{110/115}$	61	N.D.	C$_{110/115}$	60	N.D.	C$_{110/115}$	27	N.D.	C$_{110/115}$	27	N.D.	U	39	N.D.	U	38
PCB-116	7.53	JXC$_{85/116}$	N.V.P.	N.D.	C$_{85/116/117}$	36.7	N.D.	C$_{85/116/117}$	64.8	N.D.	C$_{85/116/117}$	64.8	N.D.	C$_{85/116/117}$	68	N.D.	C$_{85/116/117}$	67	N.D.	C$_{85/116/117}$	36	N.D.	C$_{85/116/117}$	32	N.D.	U	58	N.D.	U	57
PCB-117	N.D.	UX	1.13	N.D.	C$_{85/116/117}$	36.7	N.D.	C$_{85/116/117}$	64.8	N.D.	C$_{85/116/117}$	64.8	N.D.	C$_{85/116/117}$	68	N.D.	C$_{85/116/117}$	67	N.D.	C$_{85/116/117}$	36	N.D.	C$_{85/116/117}$	32	N.D.	U	120	N.D.	U	57
PCB-118	48.8	XB	N.V.P.	N.D.		29	N.D.		12.9	N.D.		12.9	16	J I	13	N.D.		13	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-119	24.1	XC$_{86/87/97/108/119/125}$	N.V.P.	N.D.	C$_{87/97/109/119}$	71.5	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-120	N.D.	UX	1.3	N.D.		12.6	N.D.		15.9	N.D.		15.9	N.D.		17	N.D.		16	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-121	N.D.	UX	1.35	N.D.		11.6	N.D.		13.7	N.D.		13.7	N.D.		14	N.D.		14	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-122	N.D.	UX	1.62	N.D.		11.6	N.D.		12.9	N.D.		12.9	N.D.		13	N.D.		13	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-123	N.D.	UX	1.47	N.D.		16.4	N.D.		12.5	N.D.		12.5	N.D.		13	N.D.		13	N.D.		23	N.D.		21	N.D.	U	19	N.D.	U	19
PCB-124	2.2	JXC$_{107/124}$	N.V.P.	N.D.	C$_{108/124}$	28	N.D.	C$_{108/124}$	30.3	N.D.	C$_{108/124}$	30.3	N.D.	C$_{108/124}$	32	N.D.	C$_{108/124}$	31	N.D.	C$_{108/124}$	27	N.D.	C$_{108/124}$	25	N.D.	U	39	N.D.	U	38
PCB-125	24.1	XC$_{86/87/97/108/119/125}$	N.V.P.	N.D.	C$_{87/97/109/119}$	71.5	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	122	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{87/97/109/119}$	130	N.D.	C$_{86/87/97/109/119/125}$	160	N.D.	C$_{86/87/97/109/119/125}$	140	N.D.	U	120	N.D.	U	110
PCB-126	N.D.	UX	2.12	N.D.		15.5	N.D.		15.8	N.D.		15.8	N.D.		17	N.D.		16	N.D.		31	N.D.		28	N.D.	U	19	N.D.	U	19
PCB-127	N.D.	UX	1.46	N.D.		13.5	N.D.		17.8	N.D.		17.8	N.D.		19	N.D.		18	N.D.		7.4	N.D.		6.6	N.D.	U	19	N.D.	U	19
PCB-128	29.6	XBC$_{128/166}$	N.V.P.	N.D.	C$_{128/166}$	28	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	40	N.D.	C$_{128/166}$	39	N.D.	C$_{128/166}$	19	N.D.	C$_{128/166}$	17	N.D.	U	39	N.D.	U	38
PCB-129	195	BC$_{129/138/163}$	N.V.P.	128	C$_{129/138/163}$	60.9	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	49.8	53	C$_{129/138/163}$	52	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	28	N.D.	U	68	N.D.	U	67
PCB-130	7.93	JX	N.V.P.	N.D.		12.6	N.D.		17.6	N.D.		17.6	ND		18	N.D.		18	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-131	N.D.	UX	1.01	N.D.		16.4	N.D.		15.1	N.D.		15.1	ND		16	N.D.		16	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-132	33.6	XB	N.V.P.	20.7	J	15.5	N.D.		14.5	N.D.		14.5	ND		15	N.D.		15	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-133	1.17	JXE	N.V.P.	N.D.		11.6	N.D.		17.4	N.D.		17.4	ND		18	N.D.		18	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-134	3.63	JX	N.V.P.	N.D.		31.9	N.D.		14.8	N.D.		14.8	ND		15	N.D.		15	N.D.		18	N.D.		16	N.D.	U	19	N.D.	U	19
PCB-135	34	XBC$_{135/151}$	N.V.P.	N.D.	C$_{135/151}$	44.4	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	41	ND	C$_{135/151}$	43	N.D.	C$_{135/151}$	42	N.D.	C$_{135/151}$	34	N.D.	C$_{135/151}$	30	N.D.	U	39	N.D.	U	38
PCB-136	12.4	XB	N.V.P.	N.D.		15.5	N.D.		14.3	N.D.		14.3	ND		15	N.D.		15	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-137	4.36	JX	N.V.P.	N.D.		14.5	N.D.		18.4	N.D.		18.4	ND		19	N.D.		19	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-138	195	BC$_{129/138/163}$	N.V.P.	128	C$_{129/138/163}$	60.9	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	49.8	53	J	52	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	18	N.D.	U	68	N.D.	U	67
PCB-139	1.37	JXC$_{139/140}$	N.V.P.	N.D.	C$_{139/140}$	28	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	31.3	ND	C$_{139/140}$	33	N.D.	C$_{139/140}$	32	N.D.	C$_{139/140}$	20	N.D.	C$_{139/140}$	18	N.D.	U	39	N.D.	U	38
PCB-140	1.97	JXC$_{139/140}$	N.V.P.	N.D.	C$_{139/140}$	28	N.D.	C$_{139/140}$	31.3	N.D.	C$_{139/140}$	31.3	ND	C$_{139/140}$	33	N.D.	C$_{139/140}$	32	N.D.	C$_{139/140}$	20	N.D.	C$_{139/140}$	20	N.D.	U	39	N.D.	U	38
PCB-141	32.6	XB	N.V.P.	19.6	J	16.4	N.D.		21.4	N.D.		21.4	N.D.		22	N.D.		22	N.D.		6.3	N.D.		5.7	N.D.	U	22	N.D.	U	22
PCB-142	N.D.	UX	1.03	N.D.		16.4	N.D.		17	N.D.		17	N.D.		18	N.D.		17	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-143	N.D.	UX	1.05	N.D.		31.9	N.D.		16.3	N.D.		16.3	N.D.		17	N.D.		17	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-144	4.3	JX	N.V.P.	N.D.		14.5	N.D.		15.9	N.D.		15.9	N.D.		17	N.D.		16	N.D.		22	N.D.		20	N.D.	U	19	N.D.	U	19
PCB-145	N.D.	UX	0.906	N.D.		15.5	N.D.		14.7	N.D.		14.7	N.D.		15	N.D.		15	N.D.		24	N.D.		22	N.D.	U	19	N.D.	U	19
PCB-146	22.4	XB	N.V.P.	17.3	J	13.5	N.D.		14.9	N.D.		14.9	N.D.		16	N.D.		15	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-147	92.2	XBC$_{147/149}$	N.V.P.	64.5	JC$_{147/149}$	33.8	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	27.3	33	JC$_{147/149}$	29	N.D.	C$_{147/149}$	28	N.D.	C$_{147/149}$	21	N.D.	C$_{147/149}$	19	N.D.	U	42	N.D.	U	41
PCB-148	N.D.	UX	0.901	N.D.		13.5	N.D.		15.1	N.D.		15.1	ND		16	N.D.		16	N.D.		17	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-149	92.2	XBC$_{147/149}$	N.V.P.	64.5	JC$_{147/149}$	33.8	N.D.	C$_{147/149}$	27.3	N.D.	C$_{147/149}$	27.3	33	JC$_{147/149}$	29	N.D.	C$_{147/149}$	28	N.D.	C$_{147/149}$	21	N.D.	C$_{147/149}$	19	N.D.	U	42	N.D.	U	41
PCB-150	N.D.	UX	0.925	N.D.		14.5	N.D.		15.9	N.D.		15.9	ND		17	N.D.		16	N.D.		20	N.D.		18	N.D.	U	19	N.D.	U	19
PCB-151	34	XBC$_{135/151}$	N.V.P.	N.D.	C$_{135/151}$	44.4	N.D.	C$_{135/151}$	41	N.D.	C$_{135/151}$	41	ND	C$_{135/151}$	43	N.D.	C$_{135/151}$	42	N.D.	C$_{135/151}$	34	N.D.	C$_{135/151}$	34	N.D.	U	39	N.D.	U	38
PCB-152	N.D.	UX	0.82	N.D.		13.5	N.D.		13.9	N.D.		13.9	ND		15	N.D.		14	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-153	144	XBC$_{153/168}$	N.V.P.	107	BC$_{153/168}$	29	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	29.1	45	JC$_{153/168}$	30	N.D.	C$_{153/168}$	30	N.D.	C$_{153/168}$	19	N.D.	C$_{153/168}$	17	N.D.	U	50	N.D.	U	49
PCB-154	1.09	JX	N.V.P.	N.D.		44.4	N.D.		44.6	N.D.		44.6	ND		47	N.D.		46	N.D.		48	N.D.		43	N.D.	U	19	N.D.	U	19
PCB-155	N.D.	UX	0.926	N.D.		13.5	N.D.		15	N.D.		15	ND		16	N.D.		15	N.D.		21	N.D.		19	N.D.	U	19	N.D.	U	19
PCB-156	21.1	XBC$_{156/157}$	N.V.P.	N.D.	C$_{156/157}$	22.2	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	33.2	ND	C$_{156/157}$	35	N.D.	C$_{156/157}$	34	N.D.	C$_{156/157}$	31	N.D.	C$_{156/157}$	28	N.D.	U	39	N.D.	U	38
PCB-157	21.1	XBC$_{156/157}$	N.V.P.	N.D.	C$_{156/157}$	22.2	N.D.	C$_{156/157}$	33.2	N.D.	C$_{156/157}$	33.2	ND	C$_{156/157}$	35	N.D.	C$_{156/157}$	34	N.D.	C$_{156/157}$	31	N.D.	C$_{156/157}$	28	N.D.	U	39	N.D.	U	38
PCB-158	14.5	XB	N.V.P.	N.D.		15.5	N.D.		17.8	N.D.		17.8	ND		19	N.D.		18	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-159	2.73	JXE	N.V.P.	N.D.		13.5	N.D.		19.1	N.D.		19.1	ND		20	N.D.		20	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-160	N.D.	UX	0.797	N.D.		60.9	N.D.		18.9	N.D.		18.9	ND		20	N.D.		19	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-161	N.D.	UX	0.706	N.D.		12.6	N.D.		16.5	N.D.		16.5	ND		17	N.D.		17	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-162	N.D.	UX	1.83	N.D.		12.6	N.D.		18.7	N.D.		18.7	ND		20	N.D.		19	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-163	195	BC$_{129/138/163}$	N.V.P.	128	C$_{129/138/163}$	60.9	N.D.	C$_{129/138/163}$	49.8	N.D.	C$_{129/138/163}$	49.8	53	C$_{129/138/163}$	52	N.D.	C$_{129/138/163}$	51	N.D.	C$_{129/138/163}$	31	N.D.	C$_{129/138/163}$	28	N.D.	U	68	N.D.	U	67
PCB-164	12.8	XB	N.V.P.	N.D.		14.5	N.D.		16.8	N.D.		16.8	ND		18	N.D.		17	N.D.		7.4	N.D.		6.6	N.D.	U	19	N.D.	U	19
PCB-165	N.D.	UX	0.757	N.D.		12.6	N.D.		16.5	N.D.		16.5	ND		17	N.D.		17	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-166	29.6	XBC$_{128/166}$	N.V.P.	N.D.	C$_{128/166}$	28	N.D.	C$_{128/166}$	37.9	N.D.	C$_{128/166}$	37.9	ND	C$_{128/166}$	40	N.D.	C$_{128/166}$	39	N.D.	C$_{128/166}$	19	N.D.	C$_{128/166}$	17	N.D.	U	39	N.D.	U	38
PCB-167	7.86	JX	N.V.P.	N.D.		12.6	N.D.		16.2	N.D.		16.2	ND		17	N.D.		17	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-168	144	XBC$_{153/168}$	N.V.P.	107	BC$_{153/168}$	29	N.D.	C$_{153/168}$	29.1	N.D.	C$_{153/168}$	29.1	45	JC$_{153/168}$	30	N.D.	C$_{153/168}$	30	N.D.	C$_{153/168}$	19	N.D.	C$_{153/168}$	17	N.D.	U	50	N.D.	U	49
PCB-169	N.D.	UX	2.11	N.D.		14.5	N.D.		17.7	N.D.		17.7	ND		19	N.D.		18	N.D.		19	N.D.		17	N.D.	U	19	N.D.	U	19
PCB-170	91	XB	N.V.P.	46.3	J	11.6	N.D.		16.9	N.D.		16.9	18	J I	18	N.D.		17	N.D.		12	N.D.		10	N.D.	U	41	N.D.	U	40
PCB-171	22.8	XBC$_{171/173}$	N.V.P.	N.D.	C$_{171/173}$	29	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	35.8	ND	C$_{171/173}$	37	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	15	N.D.	U	39	N.D.	U	38
PCB-172	14.9	X	N.V.P.	N.D.		12.6	N.D.		15	N.D.		15	ND		16	N.D.		16	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	39
PCB-173	22.8	XBC$_{171/173}$	N.V.P.	N.D.	C$_{171/173}$	29	N.D.	C$_{171/173}$	35.8	N.D.	C$_{171/173}$	35.8	ND	C$_{171/173}$	37	N.D.	C$_{171/173}$	37	N.D.	C$_{171/173}$	17	N.D.	C$_{171/173}$	15	N.D.	U	39	N.D.	U	38
PCB-174	83.9	XB	N.V.P.	35.2	J	14.5	N.D.		16.8	N.D.		16.8	20	J	18	N.D.		17	N.D.		12	N.D.		11	N.D.	U	46	N.D.	U	19
PCB-175	2.12	JXE	N.V.P.	N.D.		13.5	N.D.		19.9	N.D.		19.9	ND		21	N.D.		21	N.D.		13	N.D.		11	N.D.	U	19	N.D.	U	19
PCB-176	6.38	JX	N.V.P.	N.D.		11.6	N.D.		15.3	N.D.		15.3	ND		16	N.D.		16	N.D.		6.3	N.D.		5.7	N.D.	U	19	N.D.	U	19
PCB-177	46	XB	N.V.P.	27.2	J	10.6	N.D.		17	N.D.		17	ND		18	N.D.		18	N.D.		9.5	N.D.		8.5	N.D.	U	23	N.D.	I	23

Appendix B.1

Summary of 2016-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-10																													
Sampling Date	3/23/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/21/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																														
PCB-178	19.2	XB	N.V.P.	N.D.		13.5	N.D.		25.2	N.D.		25.2	ND		26	N.D.		26	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-179	24.5	XB	N.V.P.	N.D.		13.5	N.D.		13.4	N.D.		13.4	ND		14	N.D.		14	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-180	203	$XBC_{180/193}$	N.V.P.	111	$C_{180/193}$	29	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	27.7	39	J $C_{180/193}$	29	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	20	21	J	18	N.D.	U	49	N.D.	U	48
PCB-181	N.D.	UX	1.67	N.D.		12.6	N.D.		19.8	N.D.		19.8	ND		21	N.D.		20	N.D.		8.5	N.D.		7.6	N.D.	U	19	N.D.	U	19
PCB-182	N.D.	UX	1.57	N.D.		12.6	N.D.		22.6	N.D.		22.6	ND		24	N.D.		23	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-183	37.2	XB	N.V.P.	28.7	$JC_{183/185}$	27.1	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.4	ND	$C_{183/185}$	52	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	41	N.D.	U	40
PCB-184	N.D.	UX	0.904	N.D.		13.5	N.D.		15.4	N.D.		15.4	ND		16	N.D.		16	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-185	7.21	JX	N.V.P.	28.7	$JC_{183/185}$	27.1	N.D.	$C_{183/185}$	49.4	N.D.	$C_{183/185}$	49.4	ND	$C_{183/185}$	52	N.D.	$C_{183/185}$	51	N.D.	$C_{183/185}$	23	N.D.	$C_{183/185}$	21	N.D.	U	41	N.D.	U	40
PCB-186	N.D.	UX	0.85	N.D.		14.5	N.D.		16.3	N.D.		16.3	ND		17	N.D.		17	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-187	95.9	XB	N.V.P.	62.1		16.4	N.D.		19.4	N.D.		19.4	21	J	20	N.D.		20	N.D.		12	12	J I	10	N.D.	U	37	N.D.	U	36
PCB-188	N.D.	UX	0.933	N.D.		14.5	N.D.		77.3	N.D.		77.3	ND		81	N.D.		80	N.D.		50	N.D.		45	N.D.	U	19	N.D.	U	19
PCB-189	N.D.	UX	2.31	N.D.		12.6	N.D.		16.8	N.D.		16.8	ND		18	N.D.		17	N.D.		16	N.D.		14	N.D.	U	19	N.D.	U	19
PCB-190	18.3	XB	N.V.P.	N.D.		13.5	N.D.		18.9	N.D.		18.9	ND		20	N.D.		19	N.D.		17	N.D.		15	N.D.	U	19	N.D.	U	19
PCB-191	4.42	JX	N.V.P.	N.D.		12.6	N.D.		15.2	N.D.		15.2	ND		16	N.D.		16	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-192	N.D.	UX	1.46	N.D.		12.6	N.D.		17.1	N.D.		17.1	ND		18	N.D.		18	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-193	203	$XBC_{180/193}$	N.V.P.	111	$C_{180/193}$	29	N.D.	$C_{180/193}$	27.7	N.D.	$C_{180/193}$	27.7	39	J $C_{180/193}$	29	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	20	21	J	18	N.D.	U	49	N.D.	U	48
PCB-194	59.8	XB	N.V.P.	27.5	J	17.4	N.D.		27.3	N.D.		27.3	ND		29	N.D.		28	N.D.		13	12	J	11	N.D.	U	25	N.D.	U	52
PCB-195	24.2	XB	N.V.P.	N.D.		21.3	N.D.		26.6	N.D.		26.6	ND		28	N.D.		27	N.D.		15	N.D.		13	N.D.	U	19	N.D.	U	19
PCB-196	25.8	XB	N.V.P.	N.D.		19.3	N.D.		22.7	N.D.		22.7	ND		24	N.D.		23	N.D.		12	N.D.		10	N.D.	U	19	N.D.	U	19
PCB-197	1.72	JX	N.V.P.	N.D.	$C_{197/200}$	41.5	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	75.6	ND	$C_{197/200}$	79	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	13	N.D.	U	39	N.D.	U	38
PCB-198	67.5	$XBC_{198/199}$	N.V.P.	40.2	$JC_{198/199}$	35.7	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.3	ND	$C_{198/199}$	49	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	19	N.D.	$C_{198/199}$	17	N.D.	U	39	N.D.	U	38
PCB-199	67.5	$XBC_{198/199}$	N.V.P.	40.2	$JC_{198/199}$	35.7	N.D.	$C_{198/199}$	47.3	N.D.	$C_{198/199}$	47.3	ND	$C_{198/199}$	49	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	19	N.D.	$C_{198/199}$	17	N.D.	U	39	N.D.	U	38
PCB-200	7.38	JX	N.V.P.	N.D.	$C_{197/200}$	41.5	N.D.	$C_{197/200}$	75.6	N.D.	$C_{197/200}$	75.6	ND	$C_{197/200}$	79	N.D.	$C_{197/200}$	78	N.D.	$C_{197/200}$	15	N.D.	$C_{197/200}$	13	N.D.	U	39	N.D.	U	38
PCB-201	6.57	JXB	N.V.P.	N.D.		19.3	N.D.		94.9	N.D.		94.9	ND		99	N.D.		98	N.D.		52	N.D.		46	N.D.	U	19	N.D.	U	19
PCB-202	12.5	XBE	N.V.P.	N.D.		23.2	N.D.		26.8	N.D.		26.8	ND		28	N.D.		28	N.D.		9.5	N.D.		8.5	N.D.	U	19	N.D.	U	19
PCB-203	36.9	XB	N.V.P.	23.5	J	17.4	N.D.		20.3	N.D.		20.3	ND		21	N.D.		21	N.D.		14	N.D.		12	N.D.	U	19	N.D.	U	49
PCB-204	N.D.	UX	0.747	N.D.		20.3	N.D.		21.7	N.D.		21.7	ND		23	N.D.		22	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-205	3.18	JX	N.V.P.	N.D.		14.5	N.D.		26.5	N.D.		26.5	ND		28	N.D.		27	N.D.		7.4	N.D.		6.6	N.D.	U	19	N.D.	U	19
PCB-206	31.9	X	N.V.P.	36.7	J	15.5	N.D.		24	N.D.		24	ND		25	N.D.		25	N.D.		7.4	8	J B	6.6	N.D.	U	20	N.D.	U	20
PCB-207	4.21	JXE	N.V.P.	N.D.		18.4	N.D.		23.3	N.D.		23.3	ND		24	N.D.		24	N.D.		11	N.D.		9.5	N.D.	U	19	N.D.	U	19
PCB-208	12.6	X	N.V.P.	17.7	J	15.5	N.D.		25.1	N.D.		25.1	ND		26	N.D.		26	N.D.		58	N.D.		52	N.D.	U	30	N.D.	U	30
PCB-209	51.8	X	N.V.P.	65.2		15.5	N.D.		347	N.D.		347	ND		360	N.D.		360	N.D.		250	N.D.		230	N.D.	U	39	N.D.	U	38

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
t method blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B.1

Summary of 2021-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	Equipment Blank - JLF			Equipment Blank - AGF			EB-10272022			EB-20240828			EB-10272024			Equipment Blank		
Sampling Date	10/15/2021			10/15/2021			10/27/2022			10/28/2022			10/27/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																		
Total PCBs	0	-	-	32.3	-	-	0	-	-	0	-	-	0	-	-	0	-	-
PCB-1	N.D.		61	N.D.		50	N.D.		17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-2	N.D.		89	N.D.		74	N.D.		15	N.D.	U	22	N.D.	U	30	N.D.	U	30
PCB-3	N.D.		50	N.D.		41	N.D.		11	N.D.	U	22	N.D.	U	30	N.D.	U	30
PCB-4	N.D.		6	15	J	5	N.D.		21	N.D.	U	31	N.D.	U	29	N.D.	U	29
PCB-5	N.D.		9.5	N.D.		7.8	N.D.		19	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-6	N.D.		17	N.D.		14	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-7	N.D.		10	N.D.		8.2	N.D.		15	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-8	N.D.		13	N.D.		10	N.D.		15	N.D.	U	31	N.D.	U	29	N.D.	U	29
PCB-9	N.D.		11	N.D.		8.7	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-10	N.D.		6.5	N.D.		5.4	N.D.		21	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-11	N.D.		160	N.D.		140	N.D.		110	N.D.	U	65	N.D.	U	120	N.D.	U	120
PCB-12	N.D.	$C_{12/13}$	27	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	33	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-13	N.D.	$C_{12/13}$	27	N.D.	$C_{12/13}$	22	N.D.	$C_{12/13}$	33	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-14	N.D.		6	N.D.		5	N.D.		19	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-15	N.D.		10	11	J I	8.4	N.D.		19	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-16	N.D.		6.4	N.D.		5.3	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-17	N.D.		7.4	N.D.		6.1	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-18	N.D.	$C_{18/30}$	12	N.D.	$C_{18/30}$	9.9	N.D.	$C_{18/30}$	23	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-19	N.D.		6	6.3	J	5	N.D.		11	N.D.	U	26	N.D.	U	24	N.D.	U	24
PCB-20	N.D.	$C_{20/28}$	20	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	27	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-21	N.D.	$C_{21/33}$	23	N.D.	$C_{21/33}$	9.9	N.D.	$C_{21/33}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-22	N.D.		7.2	N.D.		5.9	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-23	N.D.		6.1	N.D.		5	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-24	N.D.		6	N.D.		5	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-25	N.D.		6	N.D.		5	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-26	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	35	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-27	N.D.		6	N.D.		5	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-28	N.D.	$C_{20/28}$	20	N.D.	$C_{20/28}$	16	N.D.	$C_{20/28}$	27	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-29	N.D.	$C_{26/29}$	36	N.D.	$C_{26/29}$	29	N.D.	$C_{26/29}$	35	N.D.	U	22	N.D.	U	40	N.D.	U	40
PCB-30	N.D.	$C_{18/30}$	12	N.D.	$C_{18/30}$	9.9	N.D.	$C_{18/30}$	23	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-31	N.D.		14	N.D.		12	N.D.		14	N.D.	U	22	N.D.	U	42	N.D.	U	42
PCB-32	N.D.		6.1	N.D.		5	N.D.		7.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-33	N.D.	$C_{21/33}$	12	N.D.	$C_{21/33}$	9.9	N.D.	$C_{21/33}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-34	N.D.		7	N.D.		5.8	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-35	N.D.		6	N.D.		5	N.D.		18	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-36	N.D.		8.6	N.D.		7.1	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-37	N.D.		7	N.D.		5.7	N.D.		7.7	N.D.	U	22	N.D.	U	25	N.D.	U	25
PCB-38	N.D.		6	N.D.		5	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-39	N.D.		7.5	N.D.		6.2	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-40	N.D.	$C_{40/71}$	24	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	15	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-41	N.D.		16	N.D.		13	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-42	N.D.		17	N.D.		14	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-43	N.D.		12	N.D.		9.9	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-44	N.D.	$C_{44/47/65}$	47	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	23	N.D.	U	65	N.D.	U	66	N.D.	U	66
PCB-45	N.D.		14	N.D.		12	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-46	N.D.		12	N.D.		9.9	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-47	N.D.	$C_{44/47/65}$	47	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	23	N.D.	U	65	N.D.	U	66	N.D.	U	66
PCB-48	N.D.		15	N.D.		13	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-49	N.D.	$C_{49/69}$	30	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-50	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	88	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-51	N.D.		38	N.D.		31	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-52	N.D.		25	N.D.		21	N.D.		12	N.D.	U	22	N.D.	U	65	N.D.	U	65
PCB-53	N.D.	$C_{50/53}$	110	N.D.	$C_{50/53}$	94	N.D.	$C_{50/53}$	88	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-54	N.D.		12	N.D.		9.9	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-55	N.D.		15	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-56	N.D.		13	N.D.		11	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-57	N.D.		17	N.D.		14	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-58	N.D.		16	N.D.		13	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-59	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	24	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-60	N.D.		15	N.D.		13	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-61	N.D.	$C_{61/70/74/76}$	58	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	29	N.D.	U	87	N.D.	U	79	N.D.	U	79
PCB-62	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	24	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-63	N.D.		16	N.D.		13	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	40
PCB-64	N.D.		13	N.D.		11	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-65	N.D.	$C_{44/47/65}$	47	N.D.	$C_{44/47/65}$	39	N.D.	$C_{44/47/65}$	23	N.D.	U	65	N.D.	U	66	N.D.	U	66
PCB-66	N.D.		13	N.D.		11	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-67	N.D.		15	N.D.		12	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-68	N.D.		18	N.D.		15	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-69	N.D.	$C_{49/69}$	30	N.D.	$C_{49/69}$	25	N.D.	$C_{49/69}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	20
PCB-70	N.D.	$C_{61/70/74/76}$	58	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	29	N.D.	U	87	N.D.	U	79	N.D.	U	79
PCB-71	N.D.	$C_{40/71}$	24	N.D.	$C_{40/71}$	20	N.D.	$C_{40/71}$	15	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-72	N.D.		19	N.D.		16	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-73	N.D.		25	N.D.		21	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-74	N.D.	$C_{61/70/74/76}$	58	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	29	N.D.	U	87	N.D.	U	79	N.D.	U	79
PCB-75	N.D.	$C_{59/62/75}$	50	N.D.	$C_{59/62/75}$	41	N.D.	$C_{59/62/75}$	24	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-76	N.D.	$C_{61/70/74/76}$	58	N.D.	$C_{61/70/74/76}$	48	N.D.	$C_{61/70/74/76}$	29	N.D.	U	87	N.D.	U	79	N.D.	U	79
PCB-77	N.D.		13	N.D.		10	N.D.		18	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-78	N.D.		17	N.D.		14	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-79	N.D.		17	N.D.		14	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-80	N.D.		20	N.D.		17	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-81	N.D.		12	N.D.		9.9	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-82	N.D.		15	N.D.		12	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-83	N.D.		15	N.D.		13	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-84	N.D.		14	N.D.		12	N.D.		24	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-85	N.D.	$C_{85/116/117}$	82	N.D.	$C_{85/116/117}$	68	N.D.	$C_{85/116/117}$	33	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-86	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-87	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-88	N.D.		18	N.D.		15	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-89	N.D.		18	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-90	N.D.	$C_{90/101/113}$	50	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	39	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-91	N.D.		14	N.D.		12	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-92	N.D.		19	N.D.		16	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-93	N.D.	$C_{93/100}$	37	N.D.	$C_{93/100}$	31	N.D.	$C_{93/100}$	24	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-94	N.D.		17	N.D.		14	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-95	N.D.		19	N.D.		15	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-96	N.D.		16	N.D.		13	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-97	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-98	N.D.	$C_{98/102}$	50	N.D.	$C_{98/102}$	41	N.D.	$C_{98/102}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-99	N.D.		18	N.D.		15	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	
PCB-100	N.D.	$C_{93/100}$	37	N.D.	$C_{93/100}$	31	N.D.	$C_{93/100}$	24	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-101	N.D.	$C_{90/101/113}$	50	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	39	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-102	N.D.	$C_{98/102}$	50	N.D.	$C_{98/102}$	41	N.D.	$C_{98/102}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-103	N.D.		22	N.D.		18	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-104	N.D.		15	N.D.		13	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-105	N.D.		16	N.D.		13	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-106	N.D.		19	N.D.		16	N.D.		18	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-107	N.D.		20	N.D.		16	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-108	N.D.	$C_{108/124}$	38	N.D.	$C_{108/124}$	32	N.D.	$C_{108/124}$	25	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-109	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-110	N.D.	$C_{110/115}$	74	N.D.	$C_{110/115}$	61	N.D.	$C_{110/115}$	25	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-111	N.D.		21	N.D.		17	N.D.		13	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-112	N.D.		21	N.D.		18	N.D.		15	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-113	N.D.	$C_{90/101/113}$	50	N.D.	$C_{90/101/113}$	41	N.D.	$C_{90/101/113}$	39	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-114	N.D.		19	N.D.		15	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-115	N.D.	$C_{110/115}$	74	N.D.	$C_{110/115}$	61	N.D.	$C_{110/115}$	25	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-116	N.D.	$C_{85/116/117}$	82	N.D.	$C_{85/116/117}$	68	N.D.	$C_{85/116/117}$	33	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-117	N.D.	$C_{85/116/117}$	82	N.D.	$C_{85/116/117}$	68	N.D.	$C_{85/116/117}$	33	N.D.	U	65	N.D.	U	59	N.D.	U	59
PCB-118	N.D.		16	N.D.		13	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-119	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-120	N.D.		20	N.D.		17	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-121	N.D.		17	N.D.		14	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-122	N.D.		16	N.D.		13	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-123	N.D.		16	N.D.		13	N.D.		21	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-124	N.D.	$C_{108/124}$	38	N.D.	$C_{108/124}$	32	N.D.	$C_{108/124}$	25	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-125	N.D.	/87/97/109/11	150	N.D.	/87/97/109/11	130	N.D.	$C_{86/87/97/109/119/125}$	140	N.D.	U	130	N.D.	U	120	N.D.	U	120
PCB-126	N.D.		20	N.D.		17	N.D.		28	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-127	N.D.		23	N.D.		19	N.D.		6.8	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-128	N.D.	$C_{128/166}$	48	N.D.	$C_{128/166}$	40	N.D.	$C_{128/166}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-129	N.D.	$C_{129/138/163}$	63	N.D.	$C_{129/138/163}$	52	N.D.	$C_{129/138/163}$	28	N.D.	U	76	N.D.	U	69	N.D.	U	69
PCB-130	N.D.		22	N.D.		18	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-131	N.D.		19	N.D.		16	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-132	N.D.		18	N.D.		15	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-133	N.D.		22	N.D.		18	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-134	N.D.		19	N.D.		15	N.D.		16	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-135	N.D.	$C_{135/151}$	52	N.D.	$C_{135/151}$	43	N.D.	$C_{135/151}$	31	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-136	N.D.		18	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-137	N.D.		23	N.D.		19	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-138	N.D.	$C_{129/138/163}$	63	N.D.	$C_{129/138/163}$	52	N.D.	$C_{129/138/163}$	28	N.D.	U	76	N.D.	U	69	N.D.	U	69
PCB-139	N.D.	$C_{139/140}$	40	N.D.	$C_{139/140}$	33	N.D.	$C_{139/140}$	18	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-140	N.D.	$C_{139/140}$	40	N.D.	$C_{139/140}$	33	N.D.	$C_{139/140}$	18	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-141	N.D.		27	N.D.		22	N.D.		5.8	N.D.	U	22	N.D.	U	23	N.D.	U	20
PCB-142	N.D.		21	N.D.		18	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-143	N.D.		21	N.D.		17	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-144	N.D.		20	N.D.		17	N.D.		20	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-145	N.D.		19	N.D.		15	N.D.		22	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-146	N.D.		19	N.D.		16	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-147	N.D.	$C_{147/149}$	35	N.D.	$C_{147/149}$	29	N.D.	$C_{147/149}$	19	N.D.	U	47	N.D.	U	43	N.D.	U	43
PCB-148	N.D.		19	N.D.		16	N.D.		15	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-149	N.D.	$C_{147/149}$	35	N.D.	$C_{147/149}$	29	N.D.	$C_{147/149}$	19	N.D.	U	47	N.D.	U	43	N.D.	U	43

Appendix B.1
Summary of 2021-2025 Groundwater
PCB Analytical Results
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	Equipment Blank - JLF			Equipment Blank - AGF			EB-10272022			EB-20240828			EB-10272024			Equipment Blank		
Sampling Date	10/15/2021			10/15/2021			10/27/2022			10/28/2022			10/27/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
PCBs (Method 1668A) pg/L																		
PCB-150	N.D.		20	N.D.		17	N.D.		18	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-151	N.D.	$C_{135/151}$	52	N.D.	$C_{135/151}$	43	N.D.	$C_{135/151}$	31	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-152	N.D.		18	N.D.		15	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-153	N.D.	$C_{153/168}$	37	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	17	N.D.	U	55	N.D.	U	50	N.D.	U	50
PCB-154	N.D.		57	N.D.		47	N.D.		43	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-155	N.D.		19	N.D.		16	N.D.		19	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-156	N.D.	$C_{156/157}$	42	N.D.	$C_{156/157}$	35	N.D.	$C_{156/157}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-157	N.D.	$C_{156/157}$	42	N.D.	$C_{156/157}$	35	N.D.	$C_{156/157}$	28	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-158	N.D.		23	N.D.		19	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-159	N.D.		24	N.D.		20	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-160	N.D.		24	N.D.		20	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-161	N.D.		21	N.D.		17	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-162	N.D.		24	N.D.		20	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-163	N.D.	$C_{129/138/163}$	63	N.D.	$C_{129/138/163}$	52	N.D.	$C_{129/138/163}$	28	N.D.	U	76	N.D.	U	69	N.D.	U	69
PCB-164	N.D.		21	N.D.		18	N.D.		6.8	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-165	N.D.		21	N.D.		17	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-166	N.D.	$C_{128/166}$	48	N.D.	$C_{128/166}$	40	N.D.	$C_{128/166}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-167	N.D.		21	N.D.		17	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-168	N.D.	$C_{153/168}$	37	N.D.	$C_{153/168}$	30	N.D.	$C_{153/168}$	17	N.D.	U	55	N.D.	U	50	N.D.	U	50
PCB-169	N.D.		22	N.D.		19	N.D.		17	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-170	N.D.		21	N.D.		18	N.D.		11	N.D.	U	45	N.D.	U	42	N.D.	U	20
PCB-171	N.D.	$C_{171/173}$	45	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	15	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-172	N.D.		19	N.D.		16	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-173	N.D.	$C_{171/173}$	45	N.D.	$C_{171/173}$	37	N.D.	$C_{171/173}$	15	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-174	N.D.		21	N.D.		18	N.D.		11	N.D.	U	51	N.D.	U	46	N.D.	U	20
PCB-175	N.D.		25	N.D.		21	N.D.		12	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-176	N.D.		19	N.D.		16	N.D.		5.8	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-177	N.D.		22	N.D.		18	N.D.		8.7	N.D.	U	26	N.D.	U	24	N.D.	U	20
PCB-178	N.D.		32	N.D.		26	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-179	N.D.		17	N.D.		14	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-180	N.D.	$C_{180/193}$	35	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	18	N.D.	U	54	N.D.	U	49	N.D.	U	49
PCB-181	N.D.		25	N.D.		21	N.D.		7.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-182	N.D.		29	N.D.		24	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-183	N.D.	$C_{183/185}$	63	N.D.	$C_{183/185}$	52	N.D.	$C_{183/185}$	21	N.D.	U	45	N.D.	U	42	N.D.	U	42
PCB-184	N.D.		20	N.D.		16	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-185	N.D.	$C_{183/185}$	63	N.D.	$C_{183/185}$	52	N.D.	$C_{183/185}$	21	N.D.	U	45	N.D.	U	42	N.D.	U	42
PCB-186	N.D.		21	N.D.		17	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-187	N.D.		25	N.D.		20	N.D.		11	N.D.	U	41	N.D.	U	38	N.D.	U	38
PCB-188	N.D.		98	N.D.		81	N.D.		45	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-189	N.D.		21	N.D.		18	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-190	N.D.		24	N.D.		20	N.D.		15	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-191	N.D.		19	N.D.		16	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-192	N.D.		22	N.D.		18	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-193	N.D.	$C_{180/193}$	35	N.D.	$C_{180/193}$	29	N.D.	$C_{180/193}$	18	N.D.	U	54	N.D.	U	49	N.D.	U	49
PCB-194	N.D.		35	N.D.		29	N.D.		12	N.D.	U	28	N.D.	U	54	N.D.	U	54
PCB-195	N.D.		34	N.D.		28	N.D.		14	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-196	N.D.		29	N.D.		24	N.D.		11	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-197	N.D.	$C_{197/200}$	96	N.D.	$C_{197/200}$	79	N.D.	$C_{197/200}$	14	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-198	N.D.	$C_{198/199}$	60	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-199	N.D.	$C_{198/199}$	60	N.D.	$C_{198/199}$	49	N.D.	$C_{198/199}$	17	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-200	N.D.	$C_{197/200}$	96	N.D.	$C_{197/200}$	79	N.D.	$C_{197/200}$	14	N.D.	U	43	N.D.	U	40	N.D.	U	40
PCB-201	N.D.		120	N.D.		99	N.D.		47	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-202	N.D.		34	N.D.		28	N.D.		8.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-203	N.D.		26	N.D.		21	N.D.		13	N.D.	U	22	N.D.	U	51	N.D.	U	51
PCB-204	N.D.		28	N.D.		23	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-205	N.D.		34	N.D.		28	N.D.		6.8	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-206	N.D.		30	N.D.		25	N.D.		6.8	N.D.	U	22	N.D.	U	57	N.D.	U	57
PCB-207	N.D.		30	N.D.		24	N.D.		9.7	N.D.	U	22	N.D.	U	20	N.D.	U	20
PCB-208	N.D.		32	N.D.		26	N.D.		53	N.D.	U	34	N.D.	U	31	N.D.	U	31
PCB-209	N.D.		440	N.D.		360	N.D.		230	N.D.	U	43	N.D.	U	40	N.D.	U	40

Notes:
1. N.S. = Analyte not sampled for.
2. N.A. = Analyte not analyzed for.
3. N.V.P = No value present for the associated substance.
4. J = Reported result should be considered an estimate.
5. C_{xx} = Coeluding PCB congener
6. U = Analyte was not detected.
7. X = Initial analysis had control issues causing the analyst to: reinject the sample, repeat the analysis, or use a second detection column to obtain the results reported.
8. B = Parameter reported in sample and associated blank, not counted in sums.
9. pg/L = picograms per liter.

N.D. Analyte was not detected
method blank, not considered to represent actual groundwater conditions
N.S. Monitoring well not sampled

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01																														
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2020			10/15/2021			10/26/2022			11/1/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																															
1,2,3,4,6,7,8-HpCDD	N.D		--	N.D.		0.155	0.619	JBQ	0.0695	0.25	JBQ	0.158	2.1	J I B	0.026	2.1	J I B	0.026	1.5	J I B	0.056	1.7	J I B cn	0.31	4.4	J I B	0.34	N.D.	U	0.38	0.99	J B	0.039
1,2,3,4,6,7,8-HpCDF	N.D		--	N.D.		0.102	0.214	JBQ	0.0394	0.375	JQ	0.114	5	J B	0.2	5	J B	0.2	0.66	J I B	0.017	N.D	U cn	0.028	1.2	J I B	0.11	N.D.	U	0.042	0.25	J I B	0.0070
1,2,3,4,7,8,9-HpCDF	N.D		--	N.D.		0.0929	0.359	JB	0.0423	0.214	JBQ	0.132	N.D		0.051	N.D		0.051	0.16	J I B	0.02	N.D	U cn	0.036	0.94	J B	0.14	N.D.	U	0.058	N.D.	U	0.0093
1,2,3,4,7,8-HxCDD	N.D		--	N.D.		0.0931	0.213	JBQ	0.0929	N.D.		0.143	N.D		0.13	N.D		0.13	0.36	J B	0.032	N.D	U cn	0.056	1.20	J I	0.21	N.D.	U	0.040	N.D.	U	0.032
1,2,3,4,7,8-HxCDF	N.D		--	0.13	JBQ	0.101	0.254	JB	0.0546	0.516	JBQ	0.101	N.D		0.24	N.D		0.24	0.23	J I B	0.064	N.D	U cn	0.054	2.60	J I B	0.44	N.D.	U	0.11	N.D.	U	0.054
1,2,3,6,7,8-HxCDD	N.D		--	0.788	JBQ	0.118	0.374	JBQ	0.0891	N.D.		0.15	N.D		0.056	N.D		0.056	0.19	J I B	0.03	N.D	U cn	0.058	1.30	J	0.2	0.32	J I	0.044	N.D.	U	0.032
1,2,3,6,7,8-HxCDF	N.D		--	4.6	JBQ	0.101	0.434	JBQ	0.0579	0.169	JBQ	0.101	0.36	J I	0.13	0.36	J I	0.13	N.D		0.062	N.D	U cn	0.055	N.D		0.062	N.D.	U	0.12	N.D.	U	0.051
1,2,3,7,8,9-HxCDD	N.D		--	0.145	JQ	0.11	0.439	JBQ	0.0832	0.426	JBQ	0.137	0.22	J	0.059	0.22	J	0.059	0.26	J I B	0.031	N.D	U cn	0.059	ND		0.19	N.D.	U	0.045	0.15	J I B	0.030
1,2,3,7,8,9-HxCDF	N.D		--	0.292	JBQ	0.0754	0.907	JB	0.0553	0.376	JBQ	0.111	0.94	J I	0.074	0.94	J I	0.074	0.31	J B	0.069	N.D	U cn	0.061	ND		0.49	N.D.	U	0.15	N.D.	U	0.056
1,2,3,7,8-PeCDD	N.D		--	0.177	JBQ	0.0744	0.324	JBQ	0.149	N.D.		0.347	N.D		0.053	N.D		0.053	0.22	J B	0.034	N.D	U cn	0.056	ND		0.11	N.D.	U	0.071	N.D.	U	0.065
1,2,3,7,8-PeCDF	N.D		--	0.427	JBQ	0.0346	0.262	JB	0.0653	N.D.		0.162	0.31	J I B	0.15	1.31	J I B	0.15	0.34	J B	0.097	N.D	U cn	0.042	0.55	J I B	0.12	N.D.	U	0.074	N.D.	U	0.020
2,3,4,6,7,8-HxCDF	N.D		--	N.D.		0.0318	0.243	JBQ	0.0542	N.D.		0.0992	N.D		0.13	N.D		0.13	0.22	J B	0.06	N.D	U cn	0.049	ND		0.41	N.D.	U	0.11	0.24	J I B	0.049
2,3,4,7,8-PeCDF	N.D		--	0.615	JBQ	0.0522	0.319	JBQ	0.0507	0.52	JBQ	0.128	2.3	J I	0.061	3.3	J I	0.061	0.24	J B	0.078	N.D	U cn	0.034	1.1	J I	0.1	N.D.	U	0.058	N.D.	U	0.016
2,3,7,8-TCDD	N.D		--	N.D.		0.0558	N.D.		0.0466	N.D.		0.352	N.D		0.077	N.D		0.077	N.D		0.023	N.D	U cn	0.072	ND		0.17	N.D.	U	0.065	N.D.	U	0.034
2,3,7,8-TCDF	N.D		--	0.174	JQ	0.0257	0.0946	JBQ	0.0691	0.179	JQ	0.175	0.44	J I	0.079	0.44	J I	0.079	N.D		0.027	N.D	U cn	0.052	ND		0.18	N.D.	U	0.064	N.D.	U	0.034
OCDD	8.72	J	--	N.D.		0.0361	11.8	JB	0.163	8.31	JBQ	0.254	15	J B	0.2	15	J B	0.2	11	J I B	0.16	2.8	J I B cn	0.067	40	J B	0.21	28	J	0.079	5.2	J B	0.018
OCDF	N.D		--	0.282	JBQ	0.0716	0.355	JBQ	0.097	N.D.		0.206	4.2	J I B	0.05	4.2	J I B	0.05	0.55	J I B	0.03	N.D	U cn	0.061	0.7	J I	0.13	0.39	J B	0.083	N.D.	U	0.043
Total TCDD	8.72	J	--	N.D.		0.155	1.1	JBQ	0.0466	0.818	JBQ	0.352	0.76	J I B	0.11	0.76	J I B	0.11	0.25	J I B	0.023	N.D	U cn	0.072	N.D		0.17	N.D.	U	0.51	N.D.	U	0.47
Total TCDF	N.D		--	0.755	JBQ	0.102	1.02	JBQ	0.0691	1.42	JBQ	0.175	1.2	J I	0.097	1.2	J I	0.097	0.31	J I B	0.027	N.D	U cn	0.052	N.D		0.18	N.D.	U	0.064	N.D.	U	0.95
Total HpCDD	N.D		--	1.91	JBQ	0.0955	0.969	JBQ	0.0695	0.5	JBQ	0.158	2.1	J I B	0.026	2.1	J I B	0.026	1.5	J I B	0.056	1.7	J I B cn	0.31	4.4	J I B	0.94	N.D.	U	0.38	0.99	J B	0.039
Total HpCDF	N.D		--	1.24	JBQ	0.118	0.911	JBQ	0.0408	0.403	JBQ	0.123	8.7	J I B	0.22	8.7	J I B	0.22	0.82	J I B	0.019	N.D	U cn	0.036	2.1	J I B	0.13	N.D.	U	0.058	0.25	J I B	0.0082
Total HxCDD	N.D		--	8.51	QB	---	3.37	JBQ	0.0884	1.87	JBQ	0.143	2.2	J I B	0.053	2.2	J I B	0.053	2.3	J I B	0.031	N.D	U cn	0.058	2.6	J I B	0.2	0.32	J I B	0.043	0.15	J I B	0.031
Total HxCDF	N.D		--	1.09	JBQ	0.11	2.14	JBQ	0.0555	1.31	JBQ	0.103	2.4	J I B	0.14	2.4	J I B	0.14	0.76	J I B	0.064	N.D	U cn	0.055	2.6	J I B	0.45	N.D.	U	0.15	0.24	J I B	0.052
Total PeCDD	N.D		--	1.43	JBQ	0.0749	1.78	JBQ	0.149	3.4	JBQ	0.347	0.27	J I B	0.079	0.27	J I B	0.079	1.5	J I B	0.034	N.D	U cn	0.056	1.6	J	0.11	N.D.	U	0.071	N.D.	U	0.065
Total PeCDF	N.D		--	1.08	JBQ	0.0436	1.86	JBQ	0.0573	1.52	JBQ	0.145	7	J I B	0.083	7	J I B	0.083	0.58	J I B	0.087	N.D	U cn	0.042	1.7	J I B	0.11	N.D.	U	0.28	N.D.	U	0.15
Total PCDD	N.D		--	0.358	JBQ	0.0309	19.0 BQ	QB		14.9	QB		20	J I B	0.059	20	J I B	0.059	17	I B	0.062	4.5	J I B cn	0.11	49	I B	0.33	28	I B	0.22	6.3	I B	0.12
Total PCDF	N.D		--	4.23	QB	---	6.28 BQ	QB		4.65	QB		24	I B	0.077	24	I B	0.077	3	J I B	0.045	N.D	U cn	0.049	7.1	I B	0.2	0.39	J B	0.13	0.49	J I B	0.24
Total PCDD/PCDF	N.D		--	12.7	QB	---	25.3 BQ	QB											20	I B	0.053	7.2	I B cn	0.081	56	I B	0.26	28	I B	0.17	6.8	I B	0.18

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-02																											
Sampling Date	3/23/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/2/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	N.D.		--	N.D.		0.11	1.93	JB	0.0782	N.D.		0.181	1.7	J B	0.038	1.6	J I B	0.097	N.D	U cn	0.7	6.2	J I B	0.7	N.D.	U	0.38	1.7	J B	0.081
1,2,3,4,6,7,8-HpCDF	N.D.		--	N.D.		0.118	0.27	JBQ	0.0481	0.216	JQ	0.0683	0.54	J I B	0.022	0.69	J B	0.025	N.D	U cn	0.04	N.D		0.1	N.D.	U	0.042	0.33	J B	0.031
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.D.		0.0913	0.474	JBQ	0.054	N.D.		0.0914	0.39	J I B	0.038	0.31	J I B	0.032	N.D	U cn	0.056	0.53	J I B	0.13	N.D.	U	0.058	0.32	J B	0.040
1,2,3,4,7,8-HxCDD	N.D.		--	N.D.		0.0951	0.0999	JBQ	0.0991	N.D.		0.174	0.42	J	0.034	0.21	J I B	0.02	N.D	U cn	0.085	0.91	J	0.05	N.D.	U	0.040	0.41	J I B	0.020
1,2,3,4,7,8-HxCDF	N.D.		--	N.D.		0.112	0.158	JBQ	0.0536	0.518	JBQ	0.0943	N.D		0.028	0.18	J I B	0.02	N.D	U cn	0.41	0.84	J I B	0.29	N.D.	U	0.11	0.26	J I B	0.028
1,2,3,6,7,8-HxCDD	N.D.		--	N.D.		0.0894	0.305	JB	0.102	0.823	JQ	0.185	0.26	J I	0.038	0.25	J B	0.019	N.D	U cn	0.084	0.73	J I	0.05	0.32	J I	0.044	0.29	J B	0.021
1,2,3,6,7,8-HxCDF	N.D.		--	1.81	JBQ	0.101	0.328	JBQ	0.0576	N.D.		0.0896	0.31	J I	0.034	0.41	J B	0.019	N.D	U cn	0.43	N.D	U cn	-	N.D.	U	0.12	0.26	J I B	0.026
1,2,3,7,8,9-HxCDD	N.D.		--	N.D.		0.0874	0.307	JBQ	0.0954	0.442	JBQ	0.161	0.41	J I	0.071	0.44	J B	0.19	N.D	U cn	0.087	0.54	J I B	0.05	N.D.	U	0.045	0.47	J B	0.019
1,2,3,7,8,9-HxCDF	N.D.		--	0.326	JBQ	0.051	0.81	JB	0.05	0.316	JBQ	0.105	0.42	J	0.033	0.29	J I B	0.022	N.D	U cn	0.5	N.D		0.38	N.D.	U	0.15	0.63	J I B	0.029
1,2,3,7,8-PeCDD	N.D.		--	0.255	JBQ	0.0608	0.21	JBQ	0.135	N.D.		0.314	0.44	J I B	0.042	0.33	J I B	0.071	N.D	U cn	0.095	N.D		0.17	N.D.	U	0.071	0.50	J I B	0.017
1,2,3,7,8-PeCDF	N.D.		--	0.0522	JBQ	0.0304	0.589	JBQ	0.0699	N.D.		0.118	0.9	J I B	0.036	0.44	J B	0.047	N.D	U cn	0.065	0.75	J IB	0.06	N.D.	U	0.074	0.36	J B	0.018
2,3,4,6,7,8-HxCDF	N.D.		--	0.0868	JQ	0.0292	0.297	JB	0.0518	0.383	JBQ	0.0892	0.61	J I B	0.039	0.27	J I B	0.018	N.D	U cn	0.4	N.D		0.3	N.D.	U	0.11	0.36	J B	0.025
2,3,4,7,8-PeCDF	N.D.		--	0.388	JBQ	0.0453	0.199	JBQ	0.0531	0.48	JBQ	0.105	0.47	J I	0.031	0.29	J I B	0.039	N.D	U cn	0.054	0.66	J I	0.05	N.D.	U	0.058	0.47	J I B	0.014
2,3,7,8-TCDD	N.D.		--	N.D.		0.0483	N.D.		0.0514	N.D.		0.4	N.D		0.066	N.D		0.032	N.D	U cn	0.12	N.D		0.12	N.D.	U	0.065	N.D.	U	0.022
2,3,7,8-TCDF	N.D.		--	0.201	JQ	0.0271	0.166	JBQ	0.0663	N.D.		0.181	0.26	J I	0.052	N.D		0.014	N.D	U cn	0.085	N.D		0.1	N.D.	U	0.064	N.D.	U	0.054
OCDD	N.D.		--	N.D.		0.0337	26.8	JB	0.174	16.3	JBQ	0.233	7.8	J B	0.059	4.8	J I B	0.11	3.6	J I B cn	0.13	140	B	0.57	28	J	0.079	17	J B	0.069
OCDF	N.D.		--	0.592	JBQ	0.0687	0.828	JBQ	0.109	0.38	JBQ	0.184	0.57	J B	0.080	0.79	J I B	0.037	N.D	U cn	0.09	N.D		0.28	0.39	J B	0.083	1.1	J I B	0.016
Total TCDD	N.D.		--	1.27	JBQ	0.11	2.23	JBQ	0.0514	2.1	JBQ	0.4	0.93	J I B	0.045	1	J I B	0.032	N.D	U cn	0.12	5.8		0.12	N.D.	U	0.51	N.D.	U	0.022
Total TCDF	N.D.		--	1.22	JBQ	0.118	1.04	JBQ	0.0663	1.3	JBQ	0.181	1.5	J I	0.050	0.38	J I B	0.014	N.D	U cn	0.085	N.D		0.61	N.D.	U	0.064	0.10	J B	0.054
Total HpCDD	N.D.		--	2.16	JBQ	0.0985	4.31	JBQ	0.0782	2	JBQ	0.181	1.7	J B	0.038	1.6	J I B	0.097	N.D	U cn	0.7	19	J I B	0.72	N.D.	U	0.38	1.7	J B	0.081
Total HpCDF	N.D.		--	0.181	JBQ	0.0894	1.1	JBQ	0.0509	0.5	JBQ	0.0798	0.93	J I B	0.025	1.4	J I B	0.028	N.D	U cn	0.056	0.53	J I B	0.11	N.D.	U	0.058	0.79	J B	0.035
Total HxCDD	N.D.		--	6.64	QB	---	4.95	JBQ	0.0987	2	JBQ	0.173	4.5	J I B	0.039	3.4	J I B	0.02	N.D	U cn	0.087	2.2	J I B	0.05	0.32	J I B	0.043	2.3	J I B	0.020
Total HxCDF	N.D.		--	0.119	JBQ	0.0874	1.68	JBQ	0.0531	1.5	JBQ	0.0945	1.3	J I B	0.036	1.9	J I B	0.02	N.D	U cn	0.5	0.84	J I B	0.32	N.D.	U	0.15	1.5	J I B	0.027
Total PeCDD	N.D.		--	1.15	JBQ	0.0559	2.19	JBQ	0.135	N.D.	QB	0.314	3.8	J I B	0.052	0.33	J I B	0.071	N.D	U cn	0.095	2.8	J	0.17	N.D.	U	0.071	0.50	J I B	0.017
Total PeCDF	N.D.		--	0.997	JBQ	0.0383	1.87	JBQ	0.0615	1.8	JBQ	0.111	1.6	J I B	0.055	0.73	J I B	0.043	N.D	U cn	0.065	1.7	J I B	0.06	N.D.	U	0.28	0.83	J I B	0.016
Total PCDD	N.D.		--	0.221	JBQ	0.0304	40.5	QB		22.7	QB		19	J I B	0.071	11	I B	0.066	3.6	J I B cn	0.23	170	I B	0.33	28	I B	0.22	22	I B	0.042
Total PCDF	N.D.		--	3.08	QB	---	6.52	QB		5.48	QB		5.9	J I B	0.066	5.2	J I B	0.028	N.D	U cn	0.5	3.1	J I B	0.27	0.39	J B	0.13	4.3	J I B	0.030
Total PCDD/PCDF	N.D.		--	9.71	QB	---	47	QB		28.2	QB		25	I B	0.032	16	I B	0.047	3.6	J I B cn	0.36	170	I B	0.3	28	I B	0.17	25	I B	0.036

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-03																													
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	N.D.		--	N.D.		0.0792	0.413	JBQ	0.0509	0.207	JBQ	0.126	0.92	J I B	0.036	1.6	J I B	0.097	N.D	U cn	0.26	N.D		0.42	1.3	J I	0.088	0.79	J I B	0.049
1,2,3,4,6,7,8-HpCDF	N.D.		--	0.153	JQ	0.116	0.358	JB	0.038	0.254	JQ	0.0886	N.D		0.021	1.2	J I B	0.031	N.D	U cn	0.053	0.56	J I B	0.09	N.D.	U	0.060	N.D.	U	0.055
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.D.		0.121	0.235	JBQ	0.0434	0.599	JBQ	0.111	0.6	J I B	0.032	0.43	J I B	0.037	0.76	J I cn	0.08	N.D		0.12	N.D.	U	0.079	0.26	J I B	0.069
1,2,3,4,7,8-HxCDD	N.D.		--	N.D.		0.136	0.261	JBQ	0.0801	N.D.		0.176	N.D		0.02	0.23	J I B	0.056	N.D	U cn	0.075	N.D		0.04	N.D.	U	0.11	N.D.	U	0.015
1,2,3,4,7,8-HxCDF	N.D.		--	0.238	JBQ	0.15	0.196	JBQ	0.0517	0.106	JBQ	0.0687	0.18	J I B	0.026	0.27	J I B	0.057	N.D	U cn	0.34	1.1	J I B	0.18	N.D.	U	0.082	N.D.	U	0.046
1,2,3,6,7,8-HxCDD	N.D.		--	0.442	JB	0.11	0.247	JBQ	0.0849	0.348	JQ	0.176	0.5	J I	0.034	0.24	J I B	0.052	N.D	U cn	0.073	0.92	J I	0.04	N.D.	U	0.097	0.15	J I B	0.016
1,2,3,6,7,8-HxCDF	N.D.		--	4.92	JBQ	0.0894	0.127	JBQ	0.053	0.231	JBQ	0.066	N.D		0.021	N.D		0.061	N.D	U cn	0.34	N.D	U cn	-	N.D.	U	0.080	N.D.	U	0.044
1,2,3,7,8,9-HxCDD	N.D.		--	0.332	JQ	0.0949	0.275	JB	0.0812	N.D.		0.149	0.16	J I	0.10	N.D		0.053	N.D	U cn	0.082	0.81	J I B	0.04	0.56	J B	0.096	0.27	J I B	0.014
1,2,3,7,8,9-HxCDF	N.D.		--	0.435	JBQ	0.0659	0.886	JBQ	0.054	N.D.		0.0715	0.36	J I	0.10	0.48	J I B	0.063	N.D	U cn	0.38	N.D		0.23	0.37	J I	0.088	0.30	J B	0.047
1,2,3,7,8-PeCDD	N.D.		--	N.D.		0.0702	0.256	JBQ	0.135	0.876	JBQ	0.376	0.88	J I B	0.033	0.62	J I B	0.067	N.D	U cn	0.11	N.D		0.08	N.D.	U	0.10	N.D.	U	0.060
1,2,3,7,8-PeCDF	N.D.		--	0.157	JB	0.0595	0.48	JBQ	0.0716	0.257	JBQ	0.113	0.77	J I B	0.024	0.57	J B	0.069	0.51	J I B cn	0.11	0.9	J I B	0.08	N.D.	U	0.080	N.D.	U	0.011
2,3,4,6,7,8-HxCDF	N.D.		--	0.0932	JQ	0.0601	0.243	JBQ	0.0504	0.137	JBQ	0.06	0.33	J I B	0.022	0.42	J I B	0.053	N.D	U cn	0.32	N.D		0.2	N.D.	U	0.072	0.25	J I B	0.041
2,3,4,7,8-PeCDF	N.D.		--	0.756	JBQ	0.0761	0.348	JB	0.0558	N.D.		0.0983	0.26	J	0.089	0.27	J I B	0.054	N.D	U cn	0.092	0.84	J	0.07	N.D.	U	0.066	0.17	J I B	0.0087
2,3,7,8-TCDD	N.D.		--	0.111	JBQ	0.0807	N.D.		0.0454	N.D.		0.306	N.D		0.056	N.D		0.032	N.D	U cn	0.14	N.D		0.11	N.D.	U	0.14	N.D.	U	0.042
2,3,7,8-TCDF	N.D.		--	0.404	JQ	0.0535	N.D.		0.0715	N.D.		0.137	0.16	J I	0.04	0.12	J I	0.028	N.D	U cn	0.098	0.71	J I	0.06	N.D.	U	0.13	N.D.	U	0.019
OCDD	6.12	J	--	N.D.		0.057	3.02	JBQ	0.197	6.19	JBQ	0.202	2.7	J B	0.16	5.9	J I B	0.45	N.D	U cn	0.15	9.9	J I B	0.46	N.D.	U	0.12	1.3	J B	0.025
OCDF	N.D.		--	1.09	JBQ	0.0846	0.732	JBQ	0.121	0.456	JBQ	0.179	1.4	J I B	0.031	0.22	J I B	0.12	N.D	U cn	0.13	1.8	J	0.21	0.49	J I B	0.12	0.61	J B	0.020
Total TCDD	N.D.		--	1.67	JBQ	0.0792	1.85	JBQ	0.0454	2.35	JBQ	0.306	2	J I B	0.042	1.4	J I B	0.056	N.D	U cn	0.14	N.D		0.11	N.D.	U	0.65	N.D.	U	0.042
Total TCDF	N.D.		--	1.54	JBQ	0.116	0.516	JBQ	0.0715	0.422	JBQ	0.137	1.2	J I	0.06	0.54	J I B	0.028	N.D	U cn	0.098	0.87	J I	0.06	N.D.	U	0.33	N.D.	U	0.019
Total HpCDD	N.D.		--	2.91	JBQ	0.136	0.822	JBQ	0.0509	0.977	JBQ	0.126	0.92	J I B	0.036	1.6	J I B	0.13	N.D	U cn	0.26	N.D		0.42	1.3	J I	0.088	0.79	J I B	0.049
Total HpCDF	N.D.		--	0.442	JB	0.11	0.824	JBQ	0.0405	1.29	JBQ	0.0999	0.6	J I B	0.024	2.4	J I B	0.034	0.76	J I B cn	0.066	0.56	J I B	0.11	N.D.	U	0.079	0.26	J I B	0.062
Total HxCDD	N.D.		--	11.5	BQ	---	3.1	JBQ	0.082	1.9	JBQ	0.167	2.4	J I B	0.033	1.1	J I B	0.054	N.D	U cn	0.082	1.7	J I B	0.04	0.56	J B	0.10	0.52	J I B	0.015
Total HxCDF	N.D.		--	1.6	JBQ	0.0949	1.61	JBQ	0.0523	0.355	JQB	0.0665	0.88	J I B	0.022	2.1	J I B	0.058	N.D	U cn	0.38	1.9	J I B	0.2	0.37	J I	0.081	0.54	J I B	0.044
Total PeCDD	N.D.		--	1.2	JBQ	0.0681	2.73	JBQ	0.135	2.67	JBQ	0.376	2	J I B	0.04	0.98	J I B	0.067	N.D	U cn	0.11	N.D		0.08	N.D.	U	0.57	N.D.	U	0.060
Total PeCDF	N.D.		--	1.65	JBQ	0.0821	2.94	JBQ	0.0629	1.11	JBQ	0.106	1.4	J I B	0.078	0.84	J I B	0.061	0.51	J I B cn	0.1	2	J I B	0.08	N.D.	U	0.67	0.27	J I B	0.010
Total PCDD	N.D.		--	0.423	JBQ	0.0552	11.5	QB		14.1	QB		10	J I B	0.10	11	I B	0.15	N.D	U cn	0.26	12	I B	0.22	1.9	J I B	0.31	2.6	J I B	0.038
Total PCDF	N.D.		--	5.96	BQ	---	6.62	QB		3.64	QB		5.5	J I B	0.056	6.1	I B	0.059	1.3	J I B cn	0.16	7.1	I B	0.13	0.86	J I B	0.26	1.7	J I B	0.031
Total PCDD/PCDF	N.D.		--	17.4	BQ	---	18.1	QB		17.7	QB		16	J I B	0.095	17	I B	0.11	1.3	J I B cn	0.21	19	I B	0.18	2.7	J I B	0.28	4.3	J I B	0.035

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
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	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-04						MW-04R																				
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	1.38	J	--	N.S.		--	0.665	JBQ	0.0662	1.04	JB	0.158	0.78	J I B	0.043	1.9	J I B	0.36	N.D	U cn	0.48	N.D		0.94	N.D.	U	0.18	23	J I	3.7
1,2,3,4,6,7,8-HpCDF	N.D.		--	N.S.		--	0.607	JBQ	0.0459	1.73	JQ	0.124	0.39	J I B	0.033	1.8	J I B	0.023	0.36	J I B cn	0.024	0.4	J B	0.13	0.57	J	0.058	N.D.	U	1.5
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.S.		--	0.242	JBQ	0.0515	0.862	JBQ	0.145	0.85	J I B	0.050	0.41	J I B	0.029	0.34	J I cn	0.032	N.D		0.14	N.D.	U	0.078	N.D.	U	2.0
1,2,3,4,7,8-HxCDD	N.D.		--	N.S.		--	0.168	JBQ	0.0714	1.44	JBQ	0.265	0.73	J I	0.034	0.5	J I B	0.031	N.D	U cn	0.037	N.D		0.15	N.D.	U	0.080	N.D.	U	1.2
1,2,3,4,7,8-HxCDF	N.D.		--	N.S.		--	0.16	JBQ	0.0627	0.337	JBQ	0.184	0.58	J I B	0.034	0.45	J B	0.2	N.D	U cn	0.035	N.D		0.29	0.22	J I	0.080	N.D.	U	3.5
1,2,3,6,7,8-HxCDD	N.D.		--	N.S.		--	0.272	JBQ	0.0723	0.931	JQ	0.275	1	J I	0.048	0.6	J I B	0.033	0.79	J I cn	0.035	N.D		0.14	N.D.	U	0.070	N.D.	U	1.2
1,2,3,6,7,8-HxCDF	N.D.		--	N.S.		--	0.0864	JBQ	0.068	0.664	JBQ	0.193	0.72	J I	0.036	N.D		0.061	0.59	J I B cn	0.034	N.D	U cn	-	N.D.	U	0.082	N.D.	U	3.6
1,2,3,7,8,9-HxCDD	N.D.		--	N.S.		--	0.103	JBQ	0.0673	1.01	JBQ	0.246	0.67	J I	0.073	0.96	J I B	0.03	N.D	U cn	0.039	N.D		0.14	0.34	J I B	0.063	N.D.	U	1.1
1,2,3,7,8,9-HxCDF	N.D.		--	N.S.		--	0.782	JBQ	0.0605	0.764	JBQ	0.208	0.9	J	0.056	1.1	J I B	0.22	N.D	U cn	0.037	N.D		0.36	N.D.	U	0.082	N.D.	U	3.9
1,2,3,7,8-PeCDD	N.D.		--	N.S.		--	0.291	JBQ	0.156	N.D.		0.261	0.74	J I B	0.052	0.77	J B	0.1	0.98	J I B cn	0.095	N.D		0.16	N.D.	U	0.13	N.D.	U	0.53
1,2,3,7,8-PeCDF	N.D.		--	N.S.		--	N.D.		0.0809	0.634	JBQ	0.165	1.5	J I B	0.038	0.82	J I B	0.14	N.D	U cn	0.071	1.2	J I B	0.12	N.D.	U	0.11	N.D.	U	0.70
2,3,4,6,7,8-HxCDF	N.D.		--	N.S.		--	0.173	JBQ	0.0626	0.398	JBQ	0.172	0.86	J I B	0.035	0.95	J I B	0.19	0.56	J I cn	0.032	N.D		0.3	0.35	J I	0.075	N.D.	U	3.4
2,3,4,7,8-PeCDF	N.D.		--	N.S.		--	0.315	JBQ	0.0616	1.47	JB	0.125	0.76	J I	0.046	0.67	J I B	0.11	0.36	J I cn	0.055	N.D		0.1	0.20	J I B	0.087	N.D.	U	0.60
2,3,7,8-TCDD	N.D.		--	N.S.		--	0.144	JBQ	0.0554	0.763	JQ	0.236	0.75	J I	0.080	N.D		0.059	N.D	U cn	0.066	2	J I	0.22	N.D.	U	0.13	N.D.	U	1.4
2,3,7,8-TCDF	N.D.		--	N.S.		--	0.154	JBQ	0.0639	0.203	JQ	0.153	0.61	J I	0.058	N.D		0.053	N.D	U cn	0.045	ND		0.23	N.D.	U	0.12	N.D.	U	0.67
OCDD	7.26	J	--	N.S.		--	9.19	JB	0.195	29.5	JBQ	0.192	2.4	J I B	0.058	8.6	J B	0.14	3.7	J I B cn	0.12	16	J B	0.34	3.5	J	0.16	130	J	5.3
OCDF	N.D.		--	N.S.		--	2.14	JBQ	0.121	2.8	JBQ	0.157	0.97	J B	0.032	2.4	J B	0.06	1.6	J I B cn	0.058	1.7	J I	0.24	N.D.	U	0.11	N.D.	U	3.4
Total TCDD	N.D.		--	N.S.		--	1.15	JBQ	0.0554	2.08	JBQ	0.236	2.5	J I B	0.042	2.5	J I B	0.059	N.D	U cn	0.066	2	J I	0.22	N.D.	U	0.45	N.D.	U	1.4
Total TCDF	N.D.		--	N.S.		--	0.7	JBQ	0.0639	1.5	JBQ	0.152	0.61	J I	0.051	3	J I B	0.053	N.D	U cn	0.045	N.D		0.23	N.D.	U	0.57	N.D.	U	5.4
Total HpCDD	3.38		--	N.S.		--	1.28	JBQ	0.0662	2.52	JBQ	0.158	1	J I B	0.043	4.3	J I B	0.36	N.D	U cn	0.48	N.D		0.94	N.D.	U	0.18	23	J I	3.7
Total HpCDF	N.D.		--	N.S.		--	1.21	JBQ	0.0487	3.46	JBQ	0.135	1.7	J I B	0.033	3.2	J I B	0.026	0.70	J I B cn	0.028	0.40	J B	0.13	0.57	J	0.068	4.8	J	1.8
Total HxCDD	N.D.		--	N.S.		--	3.27	JBQ	0.0703	4.34	JBQ	0.261	3.6	J I B	0.050	6.1	J I B	0.031	0.79	J I B cn	0.037	N.D		0.15	0.34	J I B	0.071	N.D.	U	8.5
Total HxCDF	N.D.		--	N.S.		--	1.78	JBQ	0.0635	2.4	JBQ	0.188	3.1	J I B	0.036	2.8	J I B	0.2	1.2	J I B cn	0.035	2	J I B	0.31	0.58	J I	0.079	N.D.	U	3.9
Total PeCDD	N.D.		--	N.S.		--	2.28	JBQ	0.156	N.D.		0.261	2.3	J I B	0.058	4.4	J I B	0.1	0.98	J I B cn	0.095	0.96	J	0.16	N.D.	U	0.82	N.D.	U	8.1
Total PeCDF	N.D.		--	N.S.		--	1.59	JBQ	0.0713	3.53	JBQ	0.142	2.5	J I B	0.061	3.3	J I B	0.13	0.36	J I B cn	0.063	1.2	J I B	0.11	0.20	J I B	0.098	N.D.	U	9.5
Total PCDD	N.D.		--	N.S.		--	17.2	BQ		38.4	QB		12	J I B	0.073	26	I B	0.14	5.5	I B cn	0.16	19	I B	0.36	3.8	J I B	0.34	150	I B	5.4
Total PCDF	N.D.		--	N.S.		--	7.42	BQ		13.7	QB		8.9	J I B	0.080	15	I B	0.094	3.9	J I B cn	0.046	5.3	I B	0.21	1.4	J I B	0.18	4.8	J B	4.8
Total PCDD/PCDF	N.D.		--	N.S.		--	24.6	BQ		52.1	QB		21	J I B	0.051	41	I B	0.12	11	I B cn	0.1	24	I B	0.28	5.2	I B	0.26	150	I	5.1

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-05						MW-05R																				
Sampling Date	3/24/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/21/2021			10/26/2022			11/2/2023			8/28/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																													
1,2,3,4,6,7,8-HpCDD	N.D.		--	N.S.		--	3.45	JB	0.171	1.12	JBQ	0.186	87	B	1.0	0.91	J I B	0.13	N.D	U cn	0.77	3	J I B	0.4	N.D.	U	0.82	10	J B	0.56
1,2,3,4,6,7,8-HpCDF	N.D.		--	N.S.		--	1.81	JB	0.0981	1.05	JQ	0.124	44	B	0.46	0.91	J B	0.029	N.D	U cn	0.043	1.7	J I B	0.06	N.D.	U	0.060	2.6	J B	0.32
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.S.		--	1.64	JB	0.118	0.575	JB	0.14	14	J I B	0.13	0.077	J I B	0.036	N.D	U cn	0.055	N.D		0.09	N.D.	U	0.082	2.3	J I B	0.41
1,2,3,4,7,8-HxCDD	N.D.		--	N.S.		--	0.843	JBQ	0.209	0.481	JBQ	0.202	2.9	J	0.11	0.47	J I B	0.02	N.D	U cn	0.066	1.1	J I	0.12	N.D.	U	0.057	4.2	J I B	0.13
1,2,3,4,7,8-HxCDF	N.D.		--	N.S.		--	1.28	JB	0.125	0.707	JBQ	0.0964	11	J B	0.71	0.58	J B	0.094	N.D	U cn	0.16	N.D		0.17	N.D.	U	0.16	2.8	J I B	0.22
1,2,3,6,7,8-HxCDD	N.D.		--	N.S.		--	0.963	JBQ	0.2	0.336	JQ	0.209	6.5	J I	0.13	0.62	J I	0.018	N.D	U cn	0.064	N.D		0.13	N.D.	U	0.060	N.D.	U	0.13
1,2,3,6,7,8-HxCDF	N.D.		--	N.S.		--	1.16	JBQ	0.127	0.182	JB	0.0964	8.3	J	0.18	0.5	J I B	0.093	N.D	U cn	0.14	N.D	U cn	-	N.D.	U	0.17	2.3	J I B	0.20
1,2,3,7,8,9-HxCDD	N.D.		--	N.S.		--	1.31	JBQ	0.197	0.402	JBQ	0.191	6.8	J I	0.19	0.62	J I B	0.018	N.D	U cn	0.063	0.86	J I B	0.12	0.68	J I B	0.062	2.5	J I B	0.12
1,2,3,7,8,9-HxCDF	N.D.		--	N.S.		--	2.11	JBQ	0.133	0.331	JBQ	0.0981	5.5	J	0.25	0.59	J I B	0.099	N.D	U cn	0.16	N.D		0.21	N.D.	U	0.20	3.4	J I B	0.21
1,2,3,7,8-PeCDD	N.D.		--	N.S.		--	0.99	JB	0.345	0.507	JB	0.395	3.8	J B	0.13	0.56	J	0.043	N.D	U cn	0.093	N.D		0.13	N.D.	U	0.090	N.D.	U	0.65
1,2,3,7,8-PeCDF	N.D.		--	N.S.		--	1.53	JBQ	0.203	0.226	JBQ	0.161	5.8	J B	0.21	0.43	J I B	0.047	N.D	U cn	0.065	0.7	J I B	0.13	N.D.	U	0.068	2.1	J B	0.35
2,3,4,6,7,8-HxCDF	N.D.		--	N.S.		--	1.33	JB	0.123	0.411	JB	0.0869	5.9	J I B	0.17	0.27	J I B	0.087	N.D	U cn	0.14	N.D		0.18	N.D.	U	0.15	2.7	J I B	0.18
2,3,4,7,8-PeCDF	N.D.		--	N.S.		--	1.32	JB	0.152	0.413	JB	0.13	3.5	J	0.17	0.46	J I B	0.038	N.D	U cn	0.057	0.44	J I	0.11	0.70	J I B	0.054	N.D.	U	0.27
2,3,7,8-TCDD	N.D.		--	N.S.		--	0.455	JBQ	0.116	0.384	JQ	0.373	N.D		0.2	N.D		0.023	N.D	U cn	0.11	3	J I	0.15	0.32	J	0.11	N.D.	U	0.28
2,3,7,8-TCDF	N.D.		--	N.S.		--	1.05	JBQ	0.188	0.704	JQ	0.201	2.7	J I	0.10	N.D		0.025	N.D	U cn	0.088	N.D		0.11	N.D.	U	0.079	4.7	J I	0.29
OCDD	3.77	J	--	N.S.		--	165	B	0.303	60.2	JBQ	0.288	7800	B	0.95	15	J B	0.14	N.D	U cn	0.1	16	J I B	0.36	10	J	0.12	79	J I B	0.55
OCDF	N.D.		--	N.S.		--	12	JB	0.202	6.18	JBQ	0.207	1700	B	0.6	1.4	J I B	0.033	N.D	U cn	0.097	1.4	J I	0.32	1.8	J B	0.16	13	J I B	0.26
Total TCDD	1.67		--	N.S.		--	2.95	JBQ	0.116	1.31	JBQ	0.373	78	I B	0.33	2.1	J I B	0.023	N.D	U cn	0.11	3	J I B	0.15	0.32	J	0.11	N.D.	U	0.28
Total TCDF	N.D.		--	N.S.		--	4.48	JBQ	0.188	1.3	JBQ	0.201	27	I	0.41	2.9	J I B	0.025	N.D	U cn	0.088	0.53	J	0.11	0.35	J	0.079	8.1	J I B	0.29
Total HpCDD	1.39		--	N.S.		--	6.93	JBQ	0.171	2.11	JBQ	0.186	87	B	1.0	0.91	J I B	0.13	N.D	U cn	0.77	3	J I B	0.4	N.D.	U	0.82	10	J B	0.56
Total HpCDF	N.D.		--	N.S.		--	5.1	JBQ	0.107	2.19	JBQ	0.132	84	I B	0.59	1.5	J I B	0.032	N.D	U cn	0.055	1.7	J I B	0.08	N.D.	U	0.082	4.9	J I B	0.36
Total HxCDD	N.D.		--	N.S.		--	6.04	JBQ	0.202	3.73	JBQ	0.201	42	I B	0.13	4.3	J I B	0.019	N.D	U cn	0.064	2	J I B	0.12	0.68	J I B	0.060	8.1	J I B	0.13
Total HxCDF	N.D.		--	N.S.		--	6.66	JBQ	0.127	1.76	JBQ	0.0943	38	I B	0.17	1.9	J I B	0.093	N.D	U cn	0.16	N.D		0.21	N.D.	U	0.20	11	J I B	0.20
Total PeCDD	N.D.		--	N.S.		--	4.62	JBQ	0.345	3.58	JBQ	0.395	20	J I B	0.10	2.4	J I B	0.043	N.D	U cn	0.093	N.D		0.13	N.D.	U	0.090	N.D.	U	0.65
Total PeCDF	N.D.		--	N.S.		--	7.77	JBQ	0.174	1.81	JBQ	0.144	44	I B	0.50	2.8	J I B	0.042	N.D	U cn	0.065	1.1	J I B	0.12	0.70	J I B	0.061	4.9	J B	0.31
Total PCDD	N.D.		--	N.S.		--	185	BQ		70.9	QB		8000	I B	0.19	25	I B	0.071	N.D	U cn	0.23	24	I B	0.23	11	I B	0.24	97	I B	0.43
Total PCDF	N.D.		--	N.S.		--	36	BQ		13.2	QB		1900	I B	0.20	11	I B	0.045	N.D	U cn	0.16	4.7	J I B	0.16	2.9	J I B	0.12	42	J I B	0.29
Total PCDD/PCDF	N.D.		--	N.S.		--	221	BQ		84.2	QB		9900	I B	0.21	N.D		0.058	N.D	U cn	0.19	29	I B	0.2	14	I B	0.18	140	I B	0.36

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
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	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
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	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-06																													
Sampling Date	3/24/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/15/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	N.D.		--	0.145	JQ	0.13	0.835	JBQ	0.0576	N.D.		0.117	0.77	J I B	0.047	2.3	J B	0.26	N.D	U	1.1	N.D		0.43	1.1	J	0.14	1.4	J I B	0.033
1,2,3,4,6,7,8-HpCDF	N.D.		--	0.302	JQ	0.167	0.49	JBQ	0.0587	0.11	JQ	0.0653	N.D		0.033	1.3	J B	0.023	0.93	J I B	0.09	1.2	J	0.03	0.46	J	0.090	0.48	J I B	0.013
1,2,3,4,7,8,9-HpCDF	N.D.		--	0.357	JBQ	0.187	0.543	JB	0.0669	0.144	JBQ	0.0781	N.D		0.053	0.88	J I B	0.03	N.D	U	0.11	0.8	J I	0.04	N.D.	U	0.13	0.83	J B	0.016
1,2,3,4,7,8-HxCDD	N.D.		--	0.421	JBQ	0.191	0.233	JBQ	0.0836	0.418	JBQ	0.135	1.2	J I	0.038	N.D		0.073	N.D	U	0.093	0.27	J I	0.05	N.D.	U	0.080	0.51	J I B	0.037
1,2,3,4,7,8-HxCDF	N.D.		--	0.567	JBQ	0.225	0.326	JB	0.0618	0.0854	JBQ	0.0817	0.43	J B	0.035	N.D		0.14	N.D	U	0.15	N.D		0.07	N.D.	U	0.19	0.51	J I B	0.033
1,2,3,6,7,8-HxCDD	N.D.		--	4.81	JBQ	0.29	0.156	JBQ	0.0873	0.294	JQ	0.142	0.29	J	0.051	0.55	J I B	0.073	N.D	U	0.092	N.D		0.05	N.D.	U	0.086	0.51	J I B	0.037
1,2,3,6,7,8-HxCDF	N.D.		--	146	B	0.195	0.43	JBQ	0.0623	0.216	JBQ	0.0831	0.33	J I	0.038	N.D		0.14	N.D	U	0.15	N.D		-	N.D.	U	0.20	N.D.	U	0.031
1,2,3,7,8,9-HxCDD	N.D.		--	1.44	JQ	0.54	0.382	JB	0.086	0.324	JBQ	0.133	0.92	J I	0.11	N.D		0.068	N.D	U	0.091	0.45	J I B	0.04	N.D.	U	0.088	0.57	J I B	0.036
1,2,3,7,8,9-HxCDF	N.D.		--	1.57	JBQ	0.197	1.2	JBQ	0.0582	0.219	JBQ	0.096	0.97	J	0.12	0.81	J B	0.15	N.D	U	0.16	N.D		0.07	N.D.	U	0.24	1.0	J B	0.035
1,2,3,7,8-PeCDD	N.D.		--	2.66	JBQ	0.247	0.599	JBQ	0.165	N.D.		0.277	0.78	J B	0.053	0.69	J I B	0.078	N.D	U	0.14	N.D		0.06	N.D.	U	0.12	0.50	J I B	0.035
1,2,3,7,8-PeCDF	N.D.		--	2.57	JBQ	0.131	0.591	JBQ	0.0877	0.537	JBQ	0.114	1.1	J I B	0.044	0.93	J I B	0.081	N.D	U	0.14	0.76	J I	0.04	N.D.	U	0.092	N.D.	U	0.044
2,3,4,6,7,8-HxCDF	N.D.		--	1.43	JQ	0.13	0.314	JB	0.057	0.304	JBQ	0.0793	0.68	J I B	0.039	N.D		0.13	N.D	U	0.14	N.D		0.07	N.D.	U	0.18	0.65	J I B	0.029
2,3,4,7,8-PeCDF	N.D.		--	1.07	JBQ	0.203	0.31	JBQ	0.0678	0.228	JBQ	0.0914	0.33	J I	0.10	N.D		0.061	N.D	U	0.11	N.D		0.03	N.D.	U	0.072	0.50	J B	0.034
2,3,7,8-TCDD	N.D.		--	N.D.		0.213	0.0613	JBQ	0.0525	0.335	JQ	0.259	1.5	J I	0.12	N.D		0.07	N.D	U	0.16	N.D		0.07	N.D.	U	0.058	N.D.	U	0.024
2,3,7,8-TCDF	N.D.		--	1.4	JQ	0.089	0.202	JB	0.0691	N.D.		0.157	0.32	J I	0.060	N.D		0.09	N.D	U	0.11	N.D		0.07	N.D.	U	0.057	N.D.	U	0.017
OCDD	N.D.		--	0.357	JBQ	0.124	6.88	JB	0.214	1.51	JBQ	0.209	5.7	J B	0.044	8.3	J B	0.23	3.2	J I B	0.15	1.6	J I B	0.06	2.2	J I	0.070	3.2	J I B	0.026
OCDF	N.D.		--	16.9	JB	0.0884	1.62	JB	0.142	0.426	JBQ	0.175	1.1	J I B	0.034	1.3	J B	0.091	N.D	U	0.13	7	J	0.05	0.31	J I B	0.074	1.7	J B	0.021
Total TCDD	N.D.		--	0.886	JBQ	0.13	1.31	JBQ	0.0525	1.59	JBQ	0.259	1.5	J I B	0.056	0.76	J I B	0.07	N.D	U	0.16	N.D		0.07	N.D.	U	0.66	N.D.	U	0.024
Total TCDF	N.D.		--	1.71	JBQ	0.167	1.61	JBQ	0.0691	1.63	JBQ	0.157	0.59	J I	0.066	1.3	J I B	0.09	N.D	U	0.11	N.D		0.07	ND	U	0.057	0.14	J B	0.017
Total HpCDD	N.D.		--	4.19	JBQ	0.201	1.2	JBQ	0.0576	N.D.		0.117	0.77	J I B	0.047	2.3	J B	0.26	N.D	U	1.1	N.D		0.43	1.1	J	0.14	1.5	J I B	0.033
Total HpCDF	N.D.		--	10.8	QB	0.29	1.71	JBQ	0.0625	0.317	JBQ	0.0717	N.D		0.035	3.5	J I B	0.026	0.93	J I B	0.098	2	J I	0.03	0.46	J	0.11	1.3	J I B	0.014
Total HxCDD	N.D.		--	164	QB	---	3.58	JBQ	0.0856	1.69	JBQ	0.137	4.5	J I B	0.052	1.8	J I B	0.072	N.D	U	0.092	0.72	J I B	0.04	0.18	J B	0.085	2.0	J I B	0.037
Total HxCDF	N.D.		--	39.5	QB	0.54	2.53	JBQ	0.0597	1.4	JBQ	0.0851	2.4	J I B	0.0400	0.81	J B	0.14	N.D	U	0.16	N.D		0.07	N.D.	U	0.24	2.2	J I B	0.032
Total PeCDD	N.D.		--	25.8	QB	0.217	2.09	JBQ	0.165	N.D.		0.277	0.78	J B	0.0600	1.2	J I B	0.078	N.D	U	0.14	N.D		0.06	N.D.	U	0.81	0.50	J I B	0.035
Total PeCDF	N.D.		--	10.4	QB	0.169	2.85	JBQ	0.0777	1.7	JBQ	0.103	2.4	J I B	0.075	1.6	J I B	0.071	N.D	U	0.14	0.76	J I	0.04	N.D.	U	0.22	0.50	J B	0.039
Total PCDD	N.D.		--	3.43	JBQ	0.106	15.1	QB		4.78	QB		13	J I B	0.11	14	I B	0.14	3.2	J I B	0.32	2.3	J I B	0.13	3.5	J I B	0.35	7.2	I B	0.031
Total PCDF	N.D.		--	95.9	BQ	---	10.3	QB		5.47	QB		6.5	J I B	0.12	8.5	IB	0.084	0.93	J I B	0.13	9.8	I	0.05	0.77	J I B	0.14	5.8	I B	0.025
Total PCDD/PCDF	N.D.		--	260	BQ	---	25.4	QB		10.3	QB		20	J I B	0.11	23	I	0.11	4.1	J I B	0.22	12	I	0.09	4.3	J I B	0.25	13	I B	0.028

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-07																													
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/24/2019			10/14/2020			10/15/2021			10/26/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	N.D.		--	N.D.		0.234	7.61	JB	0.434	0.865	JBQ	0.13	0.84	J I B	0.039	1.6	J B	0.18	2.7	J B cn	0.12	4.5	J I B	0.53	2.9	J I	0.19	1.1	J B	0.12
1,2,3,4,6,7,8-HpCDF	N.D.		--	0.598	JQ	0.215	1.63	JBQ	0.198	N.D.		0.0566	0.39	J I B	0.028	1.1	J I B	0.018	N.D	U cn	0.023	2.5	J I B	0.13	0.76	J I	0.12	0.64	J B	0.031
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.D.		0.137	0.381	JBQ	0.279	N.D.		0.0707	0.43	J I B	0.043	0.32	J I B	0.023	N.D	U cn	0.032	1.2	J I B	0.18	1.3	J I	0.17	0.42	J I B	0.040
1,2,3,4,7,8-HxCDD	N.D.		--	0.608	JBQ	0.148	0.927	JBQ	0.54	0.44	JBQ	0.189	0.21	J I	0.030	0.83	J I B	0.039	N.D	U cn	0.037	1.9	J I	0.08	N.D.	U	0.12	0.36	J I B	0.097
1,2,3,4,7,8-HxCDF	N.D.		--	N.D.		0.148	0.453	JBQ	0.214	0.249	JBQ	0.103	0.29	J I B	0.03	N.D		0.094	0.85	J I cn	0.069	2.5	J I B	0.19	N.D.	U	0.37	N.D.	U	0.067
1,2,3,6,7,8-HxCDD	N.D.		--	N.D.		0.124	3.68	JB	0.552	0.323	JQ	0.198	0.33	J I	0.044	N.D		0.036	0.60	J I cn	0.036	1.70	J	0.08	0.74	J I	0.11	0.47	J B	0.093
1,2,3,6,7,8-HxCDF	N.D.		--	2.77	JBQ	0.209	0.62	JBQ	0.213	N.D.		0.106	0.45	J I	0.031	N.D		0.091	0.90	J I B cn	0.071	N.D		-	N.D.	U	0.36	0.40	J I B	0.061
1,2,3,7,8,9-HxCDD	N.D.		--	N.D.		0.185	2.36	JBQ	0.586	0.25	JB	0.177	N.D		0.16	0.5	J I B	0.036	0.83	J I B cn	0.036	1.4	J I B	0.08	N.D.	U	0.10	0.45	J B	0.073
1,2,3,7,8,9-HxCDF	N.D.		--	N.D.		0.123	1.09	JBQ	0.285	N.D.		0.12	0.97	J	0.048	N.D		0.096	0.76	J I cn	0.078	2.3	J I	0.24	N.D.	U	0.38	0.63	J I B	0.068
1,2,3,7,8-PeCDD	N.D.		--	0.309	JBQ	0.107	0.901	JBQ	0.551	1.03	JBQ	0.445	N.D		0.043	N.D		0.038	1.2	J I B cn	0.066	1.1	J I	0.22	N.D.	U	0.15	N.D.	U	0.11
1,2,3,7,8-PeCDF	N.D.		--	0.296	JBQ	0.0677	1.03	JBQ	0.345	0.466	JB	0.152	0.69	J I B	0.034	0.56	J I B	0.029	0.67	J I B cn	0.05	1.8	J I B	0.18	N.D.	U	0.28	0.42	J I B	0.050
2,3,4,6,7,8-HxCDF	N.D.		--	0.0806	JQ	0.066	0.417	JBQ	0.268	N.D.		0.1	0.25	J I B	0.030	N.D		0.089	0.77	J I cn	0.066	N.D		0.19	N.D.	U	0.33	0.23	J I B	0.059
2,3,4,7,8-PeCDF	N.D.		--	0.658	JBQ	0.0908	0.904	JBQ	0.342	0.551	JB	0.121	0.44	J I	0.040	0.63	J I B	0.021	0.15	J I cn	0.039	2.2	J I	0.15	1.3	J I B	0.20	0.42	J I B	0.036
2,3,7,8-TCDD	N.D.		--	0.194	JBQ	0.0818	N.D.		0.371	0.417	JQ	0.315	N.D		0.072	N.D		0.027	N.D	U cn	0.068	0.78	J I	0.14	N.D.	U	0.23	N.D.	U	0.12
2,3,7,8-TCDF	N.D.		--	N.D.		0.0697	0.507	JBQ	0.491	0.316	JQ	0.215	N.D		0.053	N.D		0.052	N.D	U cn	0.047	N.D		0.11	N.D.	U	0.22	N.D.	U	0.098
OCDD	N.D.		--	N.D.		0.0939	54.4	JB	0.697	N.D.		0.245	1.1	J I B	0.035	7	J B	0.12	3.1	J I B cn	0.08	13	J I B	0.7	8.2	J I	0.18	2.0	J I B	0.10
OCDF	N.D.		--	N.D.		0.0739	3.05	JBQ	0.296	N.D.		0.128	0.6	J I B	0.028	1.2	J B	0.037	1.8	J B cn	0.053	3.9	J	0.42	N.D.	U	0.17	0.81	J B	0.050
Total TCDD	N.D.		--	1.6	JBQ	0.234	1.94	JBQ	0.371	1.69	JBQ	0.315	0.82	J I B	0.037	0.76	J I B	0.027	N.D	U cn	0.068	0.78	J I	0.14	N.D.	U	0.44	N.D.	U	0.60
Total TCDF	N.D.		--	1.4	JBQ	0.215	2.1	JBQ	0.491	3.1	JBQ	0.215	0.52	J I	0.054	0.83	J I B	0.052	N.D	U cn	0.047	N.D		0.11	N.D.	U	0.65	N.D.	U	0.098
Total HpCDD	N.D.		--	2.7	JBQ	0.144	15.2	JBQ	0.434	1.1	JBQ	0.13	0.84	J I B	0.039	2.6	J I B	0.18	2.7	J B cn	0.12	4..5	J I B	0.53	2.9	J I	0.19	1.1	J B	0.12
Total HpCDF	N.D.		--	N.D.		0.124	4.03	JBQ	0.239	0.15	JBQ	0.0636	0.82	J I B	0.029	2.5	J I B	0.02	N.D	U cn	0.032	3.7	J I B	0.16	2.1	J I	0.15	1.1	J I B	0.035
Total HxCDD	N.D.		--	8.47	QB	---	17.1	JBQ	0.558	1.68	JBQ	0.188	1.6	J I B	0.043	3	J I B	0.037	1.4	J I B cn	0.036	4.9	J I B	0.08	0.74	J I B	0.11	1.3	J I B	0.088
Total HxCDF	N.D.		--	0.8	JBQ	0.185	5.49	JBQ	0.245	0.577	JBQ	0.107	2	J I B	0.031	N.D		0.096	3.3	J I B cn	0.071	4.8	J I B	0.2	N.D.	U	0.38	1.2	J I B	0.064
Total PeCDD	N.D.		--	1.5	JBQ	0.115	4.61	JBQ	0.551	3.72	JBQ	0.445	2.5	J I B	0.053	1.5	J I B	0.038	1.2	J I B cn	0.066	1.1	J I	0.22	N.D.	U	1.3	N.D.	U	0.11
Total PeCDF	N.D.		--	1.5	JBQ	0.0765	10.7	JBQ	0.343	2.83	JBQ	0.135	1.1	J I B	0.07	2.7	J I B	0.025	0.82	J I B cn	0.044	4.1	J I B	0.17	1.3	J I B	0.24	0.84	J I B	0.043
Total PCDD	N.D.		--	0.2	JBQ	0.0818	93.2	QB		8.19	QB		6.9	J I B	0.16	15	I B	0.08	8.4	I B cn	0.074	24	I B	0.33	12	I B	0.45	4.4	J I B	0.21
Total PCDF	N.D.		--	4	QB	---	25.4	QB		6.66	QB		5	J I B	0.072	7.2	J I B	0.046	5.9	I B cn	0.049	17	I B	0.21	3.4	J I B	0.32	4.0	J I B	0.058
Total PCDD/PCDF	N.D.		--	12.5	QB	---	119	QB		14.8	QB		12	J I B	0.044	22	I	0.063	16	I B cn	0.062	40	I B	0.27	15	I B	0.38	8.4	I B	0.13

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
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	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
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N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-08																													
Sampling Date	3/25/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/14/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	10.2	J	--	N.D.		0.087	0.92	JBQ	0.0609	0.38	JBQ	0.166	2.3	J I B	0.042	1.5	J I B	0.13	ND	U cn	0.47	3.5	J B	0.13	N.D.	U	0.92	1.0	J I	0.37
1,2,3,4,6,7,8-HpCDF	5.74	J	--	0.446	JQ	0.163	0.768	JBQ	0.239	0.949	JQ	0.118	0.98	J I B	0.031	1	J B	0.027	0.95	J I B cn	0.049	0.69	J I B	0.05	N.D.	U	0.062	N.D.	U	0.11
1,2,3,4,7,8,9-HpCDF	N.D.		--	0.876	JBQ	0.169	0.595	JBQ	0.266	0.825	JB	0.139	0.27	J I B	0.052	0.5	J I B	0.035	0.66	J I B cn	0.073	0.32	J I B	0.06	N.D.	U	0.088	N.D.	U	0.14
1,2,3,4,7,8-HxCDD	N.D.		--	0.417	JBQ	0.185	0.377	JBQ	0.0865	N.D.		0.155	N.D		0.038	N.D		0.021	0.99	J I cn	0.066	ND		0.05	N.D.	U	0.081	N.D.	U	0.36
1,2,3,4,7,8-HxCDF	N.D.		--	1.43	JBQ	0.204	0.232	JBQ	0.0552	0.414	JBQ	0.0946	0.11	J I B	0.034	N.D		0.11	0.58	J I cn	0.053	ND		0.23	N.D.	U	0.23	N.D.	U	0.51
1,2,3,6,7,8-HxCDD	N.D.		--	6.49	JBQ	0.198	0.275	JBQ	0.088	0.201	JQ	0.161	0.24	J I	0.050	N.D		0.02	0.55	J I cn	0.066	0.7	J I B	0.05	N.D.	U	0.094	N.D.	U	0.35
1,2,3,6,7,8-HxCDF	N.D.		--	40	B	0.138	0.151	JBQ	0.0588	0.295	JBQ	0.0935	0.36	J	0.037	N.D		0.11	ND	U cn	0.052	ND		-	N.D.	U	0.23	N.D.	U	0.49
1,2,3,7,8,9-HxCDD	N.D.		--	0.62	JQ	0.0718	0.145	JBQ	0.0794	0.192	JBQ	0.133	0.35	J	0.082	0.31	J I B	0.02	ND	U cn	0.071	1.2	J B	0.05	N.D.	U	0.094	N.D.	U	0.34
1,2,3,7,8,9-HxCDF	N.D.		--	0.909	JBQ	0.087	0.71	JBQ	0.0588	0.424	JBQ	0.102	0.38	J	0.057	N.D		0.12	0.32	J cn	0.058	1.3	J	0.25	N.D.	U	0.32	N.D.	U	0.59
1,2,3,7,8-PeCDD	N.D.		--	0.33	JBQ	0.091	0.244	JBQ	0.168	N.D.		0.329	N.D		0.051	0.46	J I B	0.15	ND	U cn	0.11	ND		0.12	N.D.	U	0.099	N.D.	U	0.12
1,2,3,7,8-PeCDF	N.D.		--	0.708	JBQ	0.103	0.669	JBQ	0.0726	0.611	JBQ	0.118	0.56	J I B	0.040	0.94	J I B	0.034	0.50	J I cn	0.077	ND		0.09	N.D.	U	0.077	N.D.	U	0.32
2,3,4,6,7,8-HxCDF	N.D.		--	0.877	JQ	0.106	0.343	JBQ	0.0541	0.276	JBQ	0.086	0.25	J I B	0.036	N.D		0.1	0.25	J I B cn	0.048	ND		0.21	N.D.	U	0.22	N.D.	U	0.52
2,3,4,7,8-PeCDF	N.D.		--	1.19	JBQ	0.135	0.393	JBQ	0.0584	0.54	JBQ	0.103	0.56	J I	0.05	N.D		0.028	ND	U cn	0.059	0.54	J I B	0.07	0.36	J B	0.060	N.D.	U	0.27
2,3,7,8-TCDD	N.D.		--	1.32	JBQ	0.139	N.D.		0.0552	0.334	JQ	0.205	N.D		0.12	N.D		0.083	ND	U cn	0.089	ND		0.06	N.D.	U	0.095	N.D.	U	0.094
2,3,7,8-TCDF	N.D.		--	4.56	J	0.0946	0.192	JBQ	0.0523	0.305	JQ	0.147	0.55	J I	0.062	N.D		0.048	ND	U cn	0.065	ND		0.06	N.D.	U	0.089	N.D.	U	0.093
OCDD	84.5	J	--	0.946	JBQ	0.127	4.46	JB	0.174	3.19	JBQ	0.211	9.2	J I B	0.062	8.9	J I B	0.16	3.4	J I B cn	0.15	15	J B	0.033	N.D.	U	0.17	3.4	J I	0.48
OCDF	32	J	--	16.5	JBQ	0.0938	1.77	JBQ	0.118	0.869	JBQ	0.15	4	J B	0.037	1.7	J I B	0.13	1.4	J B cn	0.094	4.3	J I B	0.09	1.0	J B	0.18	N.D.	U	0.32
Total TCDD	N.D.		--	1.96	QB	0.087	1.58	JBQ	0.0552	2.58	JBQ	0.205	2	J I B	0.044	N.D		0.083	ND	U cn	0.089	ND		0.06	N.D.	U	0.64	0.49	J	0.094
Total TCDF	N.D.		--	2.53	JBQ	0.163	0.942	JBQ	0.0523	0.695	JBQ	0.147	0.75	J I	0.058	0.57	J I B	0.048	ND	U cn	0.065	ND		0.06	0.23	J	0.089	ND	U	0.30
Total HpCDD	35.6		--	5.63	JBQ	0.186	1.83	JBQ	0.0609	0.823	JBQ	0.166	4.8	J I B	0.042	3	J I B	0.13	ND	U cn	0.47	7.6	J B	0.13	N.D.	U	0.92	1.0	J I	0.37
Total HpCDF	10.1		--	20.4	QB	0.198	17.5	JBQ	0.252	2.09	JBQ	0.127	1.2	J I B	0.033	2	J I B	0.031	1.6	J I B cn	0.061	1	J I B	0.06	N.D.	U	0.088	N.D.	U	0.61
Total HxCDD	N.D.		--	70.5	QB	---	3.19	JBQ	0.0846	2.98	JBQ	0.15	3.1	J I B	0.051	1.7	J I B	0.02	1.5	J I cn	0.068	1.9	J I B	0.05	N.D.	U	0.094	N.D.	U	0.36
Total HxCDF	1.93		--	0.741	JBQ	0.0718	1.8	JBQ	0.0567	1.52	JBQ	0.0941	1.3	J I B	0.038	0.49	J I B	0.11	1.2	J I B cn	0.053	1.3	J B	0.22	N.D.	U	0.32	N.D.	U	0.59
Total PeCDD	N.D.		--	3.05	JBQ	0.089	2.43	JBQ	0.168	2.95	JBQ	0.329	0.9	J I B	0.062	1	J I B	0.15	ND	U cn	0.11	ND		0.12	N.D.	U	0.099	N.D.	U	0.12
Total PeCDF	N.D.		--	6.61	JBQ	0.159	2.67	JBQ	0.0655	2.19	JBQ	0.111	1.5	J I B	0.071	1.8	J I B	0.031	0.5	J I cn	0.068	0.54		0.08	0.36	J B	0.069	N.D.	U	0.32
Total PCDD	N.D.		--	8.37	JBQ	0.157	13.5	QB		12.5	QB		20	J I B	0.082	15	I B	0.11	4.9	J I B cn	0.18	25	I B	0.14	N.D.	U	0.92	4.9	J I B	0.28
Total PCDF	N.D.		--	35.3	QB	---	24.7	QB		7.37	QB		8.8	J I B	0.120	6.6	J I B	0.052	4.7	J I B cn	0.068	7.1	I B	0.1	1.6	J B	0.15	N.D.	U	0.61
Total PCDD/PCDF	N.D.		--	106	QB	---	38.2	QB		19.9	QB		29	I B	0.053	N.D		0.081	9.6	I cn	0.12	32	I B	0.12	1.6	J B	0.53	N.D.	U	0.44

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-09R																													
Sampling Date	3/25/2016			10/26/2017			10/24/2018			10/25/2019			10/14/2020			10/15/2021			10/27/2022			11/2/2023			8/28/2024			11/4/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																														
1,2,3,4,6,7,8-HpCDD	1.18	J	--	N.D.		0.0832	2.25	JBQ	0.128	4.19	JB	0.339	2.3	J B	0.038	2.5	J B	0.092	1.7	J I	0.17	7.4	J I B	0.24	N.D.	U	0.47	3.0	J	0.19
1,2,3,4,6,7,8-HpCDF	N.D.		--	1.53	J	0.135	0.69	JB	0.0533	0.961	JQ	0.173	0.73	J I B	0.028	1.1	J I B	0.051	0.34	J I B	0.041	1.9	J B	0.03	N.D.	U	0.048	0.42	J I	0.039
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.D.		0.161	0.277	JBQ	0.0611	0.574	JBQ	0.191	0.29	J I B	0.043	N.D		0.065	N.D	U	0.055	N.D		0.04	N.D.	U	0.071	0.27	J I	0.049
1,2,3,4,7,8-HxCDD	N.D.		--	0.895	JBQ	0.172	0.275	JBQ	0.112	0.371	JBQ	0.281	N.D		0.03	N.D		0.024	0.84	J I	0.054	N.D		0.04	N.D.	U	0.066	0.28	J I	0.041
1,2,3,4,7,8-HxCDF	N.D.		--	1.54	JBQ	0.185	0.283	JBQ	0.0637	N.D.		0.147	0.32	J I B	0.03	N.D		0.38	N.D	U	0.096	0.57	J I	0.07	N.D.	U	0.12	0.69	J I B	0.15
1,2,3,6,7,8-HxCDD	N.D.		--	2.2	JBQ	0.153	0.233	JBQ	0.109	0.298	JQ	0.295	N.D		0.041	0.83	J I B	0.025	N.D	U	0.051	N.D		0.04	N.D.	U	0.071	N.D.	U	0.041
1,2,3,6,7,8-HxCDF	N.D.		--	38.2	BQ	0.202	0.259	JBQ	0.0688	0.277	JBQ	0.149	0.31	J I	0.031	N.D		0.37	0.47	J B	0.093	N.D		-	N.D.	U	0.12	0.40	J I	0.15
1,2,3,7,8,9-HxCDD	N.D.		--	N.D.		0.0911	0.285	JBQ	0.0999	0.554	JBQ	0.25	N.D		0.064	0.42	J B	0.023	N.D	U	0.056	N.D		0.03	N.D.	U	0.068	0.44	J	0.039
1,2,3,7,8,9-HxCDF	N.D.		--	1.79	JBQ	0.08	0.79	JBQ	0.0679	0.448	JB	0.161	0.33	J	0.062	N.D		0.4	N.D	U	0.11	1	J I	0.08	N.D.	U	0.15	N.D.	U	0.18
1,2,3,7,8-PeCDD	N.D.		--	1.76	JBQ	0.0836	0.327	JBQ	0.174	1.75	JBQ	0.616	N.D		0.043	0.86	J I B	0.13	0.37	J	0.088	N.D		0.07	N.D.	U	0.11	0.33	J I B	0.085
1,2,3,7,8-PeCDF	N.D.		--	0.602	JBQ	0.0759	0.472	JBQ	0.0835	0.818	JBQ	0.202	1	J I B	0.031	0.76	J I B	0.026	0.77	J I	0.063	0.71	J I B	0.09	N.D.	U	0.064	0.33	J	0.072
2,3,4,6,7,8-HxCDF	N.D.		--	1.89	JQ	0.0732	0.252	JBQ	0.0669	0.561	JB	0.141	0.64	J I B	0.029	N.D		0.34	N.D	U	0.091	N.D		0.07	N.D.	U	0.11	N.D.	U	0.15
2,3,4,7,8-PeCDF	N.D.		--	2.55	JBQ	0.115	0.259	JBQ	0.0656	0.548	JBQ	0.167	0.32	J I	0.055	0.56	J I B	0.02	0.36	J I	0.047	N.D		0.07	0.63	J I B	0.047	0.35	J I	0.065
2,3,7,8-TCDD	N.D.		--	1.3	JBQ	0.121	N.D.		0.0517	N.D.		0.399	0.31	J I	0.1	0.21	J I B	0.06	N.D	U	0.079	0.21	J	0.05	N.D.	U	0.075	N.D.	U	0.048
2,3,7,8-TCDF	N.D.		--	1.14	J	0.0798	0.0693	JB	0.0675	N.D.		0.228	0.39	J	0.048	N.D		0.026	0.16	J I	0.054	N.D		0.05	N.D.	U	0.072	N.D.	U	0.047
OCDD	2.65	J	--	2.11	JBQ	0.101	132	B	0.243	220	B	0.422	100	J B	0.11	15	J B	0.33	4.3	J I B	0.086	170	B	0.35	10	J I	0.095	95	J	0.34
OCDF	N.D.		--	7.51	JB	0.1	13.2	JB	0.138	25.7	JBQ	0.375	9.7	J I B	0.028	2.9	J I B	0.094	N.D	U	0.1	18	J B	0.08	1.3	J I B	0.097	7.2	J I	0.20
Total TCDD	1.88		--	1.48	JBQ	0.0832	1.31	JBQ	0.0517	2.52	JBQ	0.399	1.7	J I B	0.039	0.38	J I B	0.06	N.D	U	0.079	0.21	J	0.05	N.D.	U	0.84	N.D.	U	0.72
Total TCDF	N.D.		--	2.72	JBQ	0.135	1.11	JBQ	0.0675	0.583	JBQ	0.228	0.99	J I	0.055	0.57	J I B	0.026	0.16	J I	0.054	N.D		0.61	N.D.	U	0.072	N.D.	U	0.19
Total HpCDD	2.65		--	5.64	JBQ	0.173	4.77	JBQ	0.128	4.19	JB	0.339	3.9	J I B	0.038	2.5	J B	0.092	1.7	J I	0.17	16	J I B	0.24	N.D.	U	0.47	3.0	J	0.19
Total HpCDF	N.D.		--	3.21	JBQ	0.153	1.56	JBQ	0.0569	2.08	JBQ	0.182	1	J I B	0.029	2.4	J I B	0.058	0.34	J I B	0.048	4.9	J B	0.03	N.D.	U	0.071	0.69	J I	0.044
Total HxCDD	N.D.		--	51.2	BQ	---	5.25	JBQ	0.107	4.89	JBQ	0.275	2.8	J I B	0.042	5	J I B	0.024	0.84	J I	0.053	2.6	J B	0.04	N.D.	U	0.071	1.7	J I	0.040
Total HxCDF	N.D.		--	0.449	JBQ	0.0911	2	JBQ	0.0668	1.8	JBQ	0.149	1.6	J I B	0.03	N.D		0.4	0.47	J I B	0.098	3.5	J I B	0.07	N.D.	U	0.15	1.1	J I B	0.16
Total PeCDD	N.D.		--	4.37	JBQ	0.0818	2.89	JBQ	0.174	7.52	JBQ	0.616	0.98	J I B	0.048	0.86	J I B	0.13	0.37	J I	0.088	ND		0.07	0.90	J	0.11	0.33	J I B	0.085
Total PeCDF	N.D.		--	6.55	JBQ	0.13	3.31	JBQ	0.0745	1.64	JBQ	0.185	2.6	J I B	0.071	3.5	J I B	0.023	1.1	J I	0.055	0.71	J I B	0.08	0.63	J I B	0.056	0.67	J I	0.068
Total PCDD	N.D.		--	3.3	JBQ	0.108	146	BQ		239	QB		110	I B	0.064	24	I B	0.13	7.2	I B	0.095	190	I B	0.15	11	I B	0.32	100	I B	0.27
Total PCDF	N.D.		--	22.2	BQ	---	21.1	BQ		31.8	QB		16	J I B	0.1	9.4	I B	0.12	2.1	J I B	0.071	27	I B	0.17	1.9	J I B	0.090	9.7	I B	0.13
Total PCDD/PCDF	N.D.		--	73.4	BQ	---	167	BQ		271	QB		130	I B	0.058	33	I B	0.12	9.3	I	0.083	220	I B	0.16	13	I B	0.20	110	I	0.20

Notes
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	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2016-2025 Groundwater
Dioxin/Furan Analytical Results
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-10																														
Sampling Date	3/23/2016			10/27/2017			10/25/2018			10/25/2019			10/14/2020			10/21/2021			10/25/2022			11/1/2023			8/27/2024			10/31/2025		
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
Dioxins / Furans (Method 1613B) pg/L																															
1,2,3,4,6,7,8-HpCDD	N.D.		--	0.0513	JQ	0.051	3.03	JBQ	0.256	0.616	JBQ	0.21	4.6	J I B	0.075	3.2	J I B	0.49	ND	U	0.65	4.7	J I B	0.64	2.1	J I	0.41	1.6	J I B	0.041
1,2,3,4,6,7,8-HpCDF	N.D.		--	0.297	JQ	0.0862	0.596	JBQ	0.109	0.363	J	0.106	0.71	J I B	0.054	2	J I B	0.025	0.49	J I B	0.036	1.3	J I B	0.04	N.D.	U	0.11	1.0	J I B	0.016
1,2,3,4,7,8,9-HpCDF	N.D.		--	N.D.		0.146	1.31	JB	0.142	0.309	JBQ	0.162	0.78	J I B	0.079	1.3	J B	0.032	ND	U	0.043	0.71	J B	0.05	N.D.	U	0.17	1.1	J I B	0.020
1,2,3,4,7,8-HxCDD	N.D.		--	0.617	JB	0.146	1.02	JBQ	0.349	0.182	JBQ	0.136	N.D		0.059	0.88	J B	0.047	ND	U	0.054	0.78	J	0.04	N.D.	U	0.050	0.92	J B	0.012
1,2,3,4,7,8-HxCDF	N.D.		--	1.12	JBQ	0.169	0.775	JBQ	0.2	0.273	JBQ	0.0897	0.32	J I B	0.057	1.9	J I B	0.15	0.26	J I	0.076	1.1	J B	0.3	N.D.	U	0.21	0.93	J B	0.031
1,2,3,6,7,8-HxCDD	N.D.		--	17.9	B	0.247	0.839	JBQ	0.367	0.19	JQ	0.133	1.3	J I	0.083	1	J I B	0.049	ND	U	0.051	ND		0.04	0.20	J I	0.052	0.94	J B	0.012
1,2,3,6,7,8-HxCDF	N.D.		--	434	B	0.122	1.17	JBQ	0.195	0.355	JBQ	0.0909	0.45	J I	0.059	1.4	J I B	0.14	ND	U	0.07	ND		-	N.D.	U	0.21	0.87	J B	0.029
1,2,3,7,8,9-HxCDD	N.D.		--	0.279	JQ	0.0852	1.32	JB	0.359	N.D.		0.119	0.64	J I	0.130	0.77	J I B	0.047	ND	U	0.051	0.67	J B	0.04	0.42	J I B	0.055	0.99	J B	0.011
1,2,3,7,8,9-HxCDF	N.D.		--	0.477	JBQ	0.0518	1.91	JB	0.227	0.4	JBQ	0.0918	0.8	J I	0.130	1.2	J I B	0.16	0.3	J I	0.077	ND		0.39	0.78	J I	0.27	1.0	J I B	0.030
1,2,3,7,8-PeCDD	N.D.		--	0.253	JBQ	0.058	1.26	JBQ	0.527	N.D.		0.389	N.D		0.081	N.D		0.058	0.82	J I B	0.078	0.99	J I	0.07	N.D.	U	0.14	1.1	J I B	0.034
1,2,3,7,8-PeCDF	N.D.		--	0.0992	JBQ	0.0697	1.39	JBQ	0.273	0.61	JBQ	0.142	1.2	J I B	0.068	0.91	J B	0.13	ND	U	0.059	0.77	J I B	0.11	N.D.	U	0.10	0.67	J B	0.029
2,3,4,6,7,8-HxCDF	N.D.		--	0.406	JQ	0.0635	1.01	JB	0.229	0.413	JBQ	0.0902	0.71	J I B	0.059	1.7	J I B	0.1	ND	U	0.064	ND		0.29	N.D.	U	0.19	0.99	J B	0.028
2,3,4,7,8-PeCDF	N.D.		--	0.26	JBQ	0.0832	2.12	JBQ	0.249	0.35	JBQ	0.119	0.28	J I	0.100	1.1	J I B	0.11	ND	U	0.046	0.57	J I	0.09	N.D.	U	0.080	0.76	J B	0.022
2,3,7,8-TCDD	N.D.		--	0.171	JBQ	0.0946	0.528	JQ	0.363	N.D.		0.272	N.D		0.13	N.D		0.064	ND	U	0.1	2.3	J	0.1	N.D.	U	0.056	0.097	J	0.037
2,3,7,8-TCDF	N.D.		--	3.57	JQ	0.0684	N.D.		0.31	N.D.		0.111	N.D		0.087	N.D		0.057	ND	U	0.078	ND		0.08	N.D.	U	0.054	0.18	J I	0.015
OCDD	725		--	0.159	JBQ	0.0922	24.8	JB	0.582	9.76	JB	0.271	120	B	0.140	16	J B	0.27	43	J B	0.16	84	J B	0.6	11	J	0.48	11	J B	0.040
OCDF	20	J	--	10.6	JB	0.0431	2.33	JBQ	0.305	1.23	JBQ	0.221	2.7	J I B	0.054	2.8	J I B	0.11	ND	U	0.079	4.7	J I	0.27	N.D.	U	0.29	2.5	J B	0.0079
Total TCDD	N.D.		--	0.704	JBQ	0.051	2.35	JBQ	0.363	N.D.		0.272	N.D		0.075	1.4	J I B	0.064	ND	U	0.1	2.7	J	0.1	N.D.	U	0.56	0.22	J	0.037
Total TCDF	N.D.		--	0.806	JBQ	0.0862	1.52 B	JBQ	0.31	0.21	JB	0.111	0.7	J I	0.093	2.8	J I B	0.057	ND	U	0.078	0.24	J	0.08	N.D.	U	0.21	0.39	J I B	0.015
Total HpCDD	83.4		--	5.38	JBQ	0.152	5.72	JBQ	0.256	0.9	JBQ	0.21	4.6	J I B	0.075	3.2	J I B	0.49	ND	U	0.65	4.7	J I B	0.64	2.1	J I	0.41	1.6	J I B	0.041
Total HpCDF	12.5		--	44	QB	0.247	2.42	JBQ	0.124	1.23	JBQ	0.127	1.5	J I B	0.056	4.3	J I B	0.028	0.49	J I B	0.039	2	J I B	0.05	N.D.	U	0.17	2.3	J I B	0.018
Total HxCDD	8.23		--	485	QB	---	7.5	JBQ	0.358	1.72	JBQ	0.129	5.2	J I B	0.081	6.6	J I B	0.048	ND	U	0.052	1.4	J B	0.04	0.86	J I B	0.052	2.8	J B	0.012
Total HxCDF	N.D.		--	0.972	JBQ	0.0852	5.38	JBQ	0.211	1.46	JBQ	0.0907	2.3	J I B	0.061	6.8	J I B	0.15	0.56	J I B	0.072	1.1	J B	0.32	0.78	J I	0.22	3.8	J I B	0.029
Total PeCDD	N.D.		--	2.4	JBQ	0.0549	5.02	JBQ	0.527	1.71	JBQ	0.389	2.1	J I B	0.087	3.1	J I B	0.058	0.82	J I B	0.078	0.99	J I	0.07	N.D.	U	0.14	1.1	J I B	0.034
Total PeCDF	N.D.		--	4.23	JBQ	0.105	9.34	JBQ	0.261	1.39	JBQ	0.131	1.5	J I B	0.110	4.5	J I B	0.12	ND	U	0.059	1.7	J I B	0.1	N.D.	U	0.42	1.4	J B	0.026
Total PCDD	N.D.		--	7.09	JBQ	0.107	45.4	BQ		14.1	QB		130	I B	0.130	30	I B	0.19	44	I B	0.21	94	I B	0.29	14	I B	0.33	17	I B	0.033
Total PCDF	N.D.		--	25.3	QB	---	21	BQ		5.53	QB		8.7	J I B	0.130	21	I B	0.093	1.1	J I B	0.065	9.7	I B	0.16	0.78	J I B	0.26	10	I B	0.019
Total PCDD/PCDF	N.D.		--	510	QB	---	66.4	BQ		19.6	QB		140	I B	0.120	51	I B	0.14	45	I B	0.14	100	I B	0.23	15	I B	0.29	26	I B	0.026

Notes
1. N.S. = No sample. A groundwater sample could not be obtained from the monitoring well.
2. N.D. = Not Detected.
3. J = Estimated concentration between Estimated Detection Limit and Minimum Reporting Level.
4. R = Relative Percent Recovery < data level rejection, reported result is unusable.
5. U = Analyte was not detected.
6. Q = Estimated Maximum Possible Concentration.
7. B = Detected in Method Blank.
8. I = Value is EMPC (estimated maximum possible concentration)
9. cn = Refer to Case Narrative for further detail
10. pg/L = picograms per liter

	Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.
	Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.
	Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.
	Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.
	Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.
N.D.	Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2024 Groundwater Dioxin/Furan Analytical Results Method Blank Validation
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01			MW-02			MW-03			MW-04R			MW-05R			MW-06			MW-07			MW-08			MW-09R			MW-10			EB-20240828			Applicable Method Blank August 2024						
Sampling Date	8/28/2024			8/28/2024			8/27/2024			8/28/2024			8/28/2024			8/27/2024			8/27/2024			8/28/2024			8/28/2024			8/27/2024			8/28/2024			MB 410-548802/1-A PREP BATCH 548802 / ANALYSIS BATCH 551712						
Matrix	Water			Water			Water			Water			Water			Water			Water			Water			Water			Water			Water			Results	Q	RL	EDL	3Xresult	5Xresult
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL						
Dioxins / Furans (Method 1613B) pg/L																																							
1,2,3,4,6,7,8-HpCDD	1.1	J	0.38	N.D.	U	0.38	13	J1	0.088	N.D.	U	0.18	N.D.	U	0.82	1.1	J	0.14	2.9	J1	0.19	N.D.	U	0.92	N.D.	U	0.47	2.1	J1	0.41	1.2	J1	0.34	1,2,3,4,6,7,8-HpCDD	-----	-----	-----	-----	-----	-----
1,2,3,4,6,7,8-HpCDF	N.D.	U	0.042	N.D.	U	0.042	N.D.	U	0.060	0.57	J	0.058	N.D.	U	0.060	0.46	J	0.090	0.76	J1	0.12	N.D.	U	0.062	N.D.	U	0.048	N.D.	U	0.11	0.15	J1	0.045	1,2,3,4,6,7,8-HpCDF	-----	-----	-----	-----	-----	-----
1,2,3,4,7,8,9-HpCDF	N.D.	U	0.058	N.D.	U	0.058	N.D.	U	0.079	N.D.	U	0.078	N.D.	U	0.082	N.D.	U	0.13	1.3	J1	0.17	N.D.	U	0.068	N.D.	U	0.071	N.D.	U	0.17	N.D.	U	0.061	1,2,3,4,7,8,9-HpCDF	ND		25	0.073	-----	-----
1,2,3,4,7,8-HxCDD	N.D.	U	0.040	N.D.	U	0.040	N.D.	U	0.11	N.D.	U	0.080	N.D.	U	0.057	N.D.	U	0.080	N.D.	U	0.12	N.D.	U	0.061	N.D.	U	0.066	N.D.	U	0.059	N.D.	U	0.039	1,2,3,4,7,8-HxCDD	-----	-----	-----	-----	-----	-----
1,2,3,4,7,8-HxCDF	N.D.	U	0.11	N.D.	U	0.11	N.D.	U	0.082	0.22	J1	0.080	N.D.	U	0.16	N.D.	U	0.19	N.D.	U	0.37	N.D.	U	0.23	N.D.	U	0.12	N.D.	U	0.21	N.D.	U	0.14	1,2,3,4,7,8-HxCDF	ND		25	0.16	-----	-----
1,2,3,6,7,8-HxCDD	0.32	J1	0.044	0.32	J1	0.044	N.D.	U	0.097	N.D.	U	0.070	N.D.	U	0.060	N.D.	U	0.086	0.74	J1	0.11	N.D.	U	0.064	N.D.	U	0.071	0.20	J1	0.052	N.D.	U	0.044	1,2,3,6,7,8-HxCDD	ND		25	0.098	-----	-----
1,2,3,6,7,8-HxCDF	N.D.	U	0.11	N.D.	U	0.11	N.D.	U	0.080	N.D.	U	0.062	N.D.	U	0.12	N.D.	U	0.20	N.D.	U	0.36	N.D.	U	0.23	N.D.	U	0.12	N.D.	U	0.21	N.D.	U	0.14	1,2,3,6,7,8-HxCDF	ND		25	0.17	-----	-----
1,2,3,7,8,9-HxCDD	N.D.	U	0.045	N.D.	U	0.045	0.56	J8	0.096	0.34	J1 B	0.063	0.68	J1 B	0.062	N.D.	U	0.088	N.D.	U	0.10	N.D.	U	0.094	N.D.	U	0.068	0.42	J1 B	0.055	N.D.	U	0.044	1,2,3,7,8,9-HxCDD	0.415	J1	25	0.098	1.2	2.1
1,2,3,7,8,9-HxCDF	N.D.	U	0.15	N.D.	U	0.15	0.37	J1	0.088	N.D.	U	0.082	N.D.	U	0.20	N.D.	U	0.24	N.D.	U	0.38	N.D.	U	0.32	N.D.	U	0.15	0.78	J1	0.27	N.D.	U	0.18	1,2,3,7,8,9-HxCDF	ND		25	0.2	-----	-----
1,2,3,7,8-PeCDD	N.D.	U	0.071	N.D.	U	0.071	N.D.	U	0.12	N.D.	U	0.13	N.D.	U	0.090	N.D.	U	0.12	N.D.	U	0.15	N.D.	U	0.099	N.D.	U	0.11	N.D.	U	0.14	N.D.	U	0.14	1,2,3,7,8-PeCDD	ND		25	0.13	-----	-----
1,2,3,7,8-PeCDF	N.D.	U	0.074	N.D.	U	0.074	N.D.	U	0.080	N.D.	U	0.11	N.D.	U	0.068	N.D.	U	0.092	N.D.	U	0.28	N.D.	U	0.077	N.D.	U	0.064	N.D.	U	0.10	N.D.	U	0.068	1,2,3,7,8-PeCDF	0.482	J1	25	0.2	1.4	2.4
2,3,4,6,7,8-HxCDF	N.D.	U	0.11	N.D.	U	0.11	N.D.	U	0.072	0.35	J1	0.075	N.D.	U	0.15	N.D.	U	0.18	N.D.	U	0.33	N.D.	U	0.22	N.D.	U	0.11	N.D.	U	0.19	N.D.	U	0.13	2,3,4,6,7,8-HxCDF	ND		25	0.15	-----	-----
2,3,4,7,8-PeCDF	N.D.	U	0.058	N.D.	U	0.058	N.D.	U	0.066	0.29	J1 B	0.060	N.D.	U	0.054	N.D.	U	0.072	N.D.	U	0.22	N.D.	U	0.072	N.D.	U	0.072	N.D.	U	0.060	N.D.	U	0.055	2,3,4,7,8-PeCDF	0.606	J1	25	0.15	1.8	3.0
2,3,7,8-TCDD	N.D.	U	0.065	N.D.	U	0.065	N.D.	U	0.14	N.D.	U	0.13	0.32	J	0.11	N.D.	U	0.058	N.D.	U	0.23	N.D.	U	0.095	N.D.	U	0.075	N.D.	U	0.056	N.D.	U	0.059	2,3,7,8-TCDD	ND		4.0	0.087	-----	-----
2,3,7,8-TCDF	N.D.	U	0.064	N.D.	U	0.064	N.D.	U	0.13	N.D.	U	0.12	N.D.	U	0.079	N.D.	U	0.057	N.D.	U	0.22	N.D.	U	0.089	N.D.	U	0.072	N.D.	U	0.054	N.D.	U	0.058	2,3,7,8-TCDF	ND		5.0	0.053	-----	-----
OCDD	28	J	0.079	28	J	0.079	N.D.	U	0.12	3.5	J	0.16	10	J	0.12	2.2	J1	0.070	8.2	J1	0.18	N.D.	U	0.17	10	J1	0.095	11	J	0.48	1.3	J1	0.12	OCDD	ND		110	0.1	-----	-----
OCDF	0.39	J B	0.063	0.39	J B	0.063	0.49	J1 B	0.12	N.D.	U	0.11	1.6	J B	0.16	0.31	J1 B	0.074	N.D.	U	0.17	1.0	J B	0.18	1.3	J1 B	0.099	N.D.	U	0.29	0.49	J1 B	0.12	OCDF	0.468	J1	50	0.072	1.4	2.3
Total TCDD	N.D.	U	0.51	N.D.	U	0.51	N.D.	U	0.65	N.D.	U	0.45	0.32	J	0.11	N.D.	U	0.66	N.D.	U	0.44	N.D.	U	0.64	N.D.	U	0.84	N.D.	U	0.56	N.D.	U	0.17	Total TCDD	ND		5	0.087	-----	-----
Total TCDF	N.D.	U	0.064	N.D.	U	0.064	N.D.	U	0.33	N.D.	U	0.57	0.35	J	0.079	ND	U	0.057	N.D.	U	0.85	0.23	J	0.089	N.D.	U	0.072	N.D.	U	0.21	N.D.	U	0.20	Total TCDF	ND		5	0.15	-----	-----
Total HpCDD	N.D.	U	0.38	N.D.	U	0.38	1.3	J1	0.088	N.D.	U	0.18	N.D.	U	0.82	1.1	J	0.14	2.9	J1	0.19	N.D.	U	0.92	N.D.	U	0.47	2.1	J1	0.41	1.2	J1	0.34	Total HpCDD	ND		25	0.46	-----	-----
Total HpCDF	N.D.	U	0.058	N.D.	U	0.058	N.D.	U	0.079	0.57	J	0.068	N.D.	U	0.082	0.46	J	0.11	2.1	J1	0.15	N.D.	U	0.068	N.D.	U	0.071	N.D.	U	0.17	0.15	J1	0.053	Total HpCDF	ND		25	0.28	-----	-----
Total HxCDD	0.72	J1 B	0.043	0.72	J1 B	0.043	0.94	J1	0.10	0.54	J1 B	0.074	0.55	J1 B	0.060	0.31	J1 B	0.085	0.74	J1 B	0.13	N.D.	U	0.064	N.D.	U	0.071	0.58	J1 B	0.062	0.31	J1 B	0.042	Total HxCDD	0.415	J1	25	0.095	1.2	2.1
Total HxCDF	N.D.	U	0.15	N.D.	U	0.15	0.37	J1	0.081	0.58	J1	0.079	N.D.	U	0.20	N.D.	U	0.24	N.D.	U	0.38	N.D.	U	0.32	N.D.	U	0.15	0.78	J1	0.22	N.D.	U	0.62	Total HxCDF	ND		25	0.2	-----	-----
Total PeCDD	N.D.	U	0.071	N.D.	U	0.071	N.D.	U	0.57	N.D.	U	0.62	N.D.	U	0.090	N.D.	U	0.81	N.D.	U	1.3	N.D.	U	0.099	0.90	J	0.11	N.D.	U	0.14	N.D.	U	0.14	Total PeCDD	ND		25	1.3	-----	-----
Total PeCDF	N.D.	U	0.28	N.D.	U	0.28	N.D.	U	0.87	0.20	J1 B	0.098	0.70	J1 B	0.061	N.D.	U	0.22	1.3	J1 B	0.24	0.36	J B	0.069	0.63	J1 B	0.056	N.D.	U	0.42	N.D.	U	0.37	Total PeCDF	1.09	J1	25	0.17	3.3	5.5
Total PCDD	2.1	J B	0.22	2.1	J B	0.22	3.9	J1	0.31	1.7	J1 B	0.14	1.7	J B	0.14	1.1	J B	0.16	2.9	J B	0.24	N.D.	U	0.22	3.1	J B	0.24	3.4	J B	0.33	2.2	J1 B	0.18	Total PCDD	0.415	J1	5	0.4	1.2	2.1
Total PCDF	0.39	J B	0.13	0.39	J B	0.13	0.85	J1 B	0.25	1.4	J1 B	0.18	2.6	J1 B	0.12	0.77	J1 B	0.14	3.4	J1 B	0.32	1.6	J B	0.15	1.9	J1 B	0.090	0.76	J1 B	0.20	0.44	J1 B	0.25	Total PCDF	1.56	J1	5	0.17	4.7	7.8
Total PCDD/PCDF	28	I B	0.17	28	I B	0.17	2.7	J1 B	0.28	5.2	I B	0.26	14	I B	0.18	4.3	J1 B	0.25	15	I B	0.38	1.6	I B	0.53	13	I B	0.20	15	I B	0.29	3.3	J1 B	0.21	Total PCDD/PCDF	1.98	J1	5	0.29	5.9	9.9

Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration, Substance is not considered present in groundwater sample.

Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.

Substance reported at a concentration greater than 5Xs the concentration reported in laboratory blank method and are considered as valid data.

Substance reported at a concentration between 3Xs and 5Xs greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.

Substance reported at a concentration less than 3Xs the concentration reported in laboratory blank method and are considered as data that is not valid.

N.D. Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2025 Groundwater Dioxin/Furan Analytical Results Method Blank Validation
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

Client ID	MW-01				MW-02				MW-03				MW-05R				MW-06				MW-07				MW-10			
Sampling Date	10/31/2025				10/31/2025				10/31/2025				10/31/2025				10/31/2025				10/31/2025				10/31/2025			
Matrix	Water				Water				Water				Water				Water				Water				Water			
	Result	Q	MDL		Result	Q	MDL		Result	Q	MDL		Result	Q	MDL		Result	Q	MDL		Result	Q	MDL		Result	Q	MDL	
Dioxins / Furans (Method 1613B) pg/L																												
1,2,3,4,6,7,8-HpCDD	0.975	J	0.759	1.7	J	0.245	0.79	J	0.569	30		0.56	1.4	J	0.153	1.3	J	0.12	2.6	J	0.241	1,2,3,4,6,7,8-HpCDD	4.63	J	25	0.089	13.9	23.2
1,2,3,4,6,7,8-HpCDF	0.25	J	0.0532	0.23	J	0.031	N.D.	U	0.054	2.4	J	0.32	0.48	J	0.013	0.54	J	0.031	1.0	J	0.016	1,2,3,4,6,7,8-HpCDF	2.34	J	25	0.03	7.0	11.7
1,2,3,4,7,8,9-HpCDF	N.D.	U	0.0693	0.22	J	0.042	N.D.	U	0.053	1.7	J	0.31	0.63	J	0.019	0.42	J	0.026	0.9	J	0.023	1,2,3,4,7,8,9-HpCDF	1.60	J	25	0.038	4.8	8.0
1,2,3,4,7,8-HxCDD	N.D.	U	0.042	N.D.	U	0.067	N.D.	U	0.059	4.2	J	0.13	0.19	J	0.037	0.16	J	0.027	0.22	J	0.032	1,2,3,4,7,8-HxCDD	0.967	J	25	0.018	2.9	4.8
1,2,3,4,7,8-HxCDF	N.D.	U	0.054	0.26	J	0.028	N.D.	U	0.047	0.9	J	0.12	0.51	J	0.013	N.D.	U	0.047	0.93	J	0.031	1,2,3,4,7,8-HxCDF	1.28	J	25	0.062	3.8	6.4
1,2,3,6,7,8-HxCDD	N.D.	U	0.052	0.29	J	0.031	0.15	J	0.059	N.D.	U	0.13	0.51	J	0.018	0.497	J	0.031	0.47	J	0.028	1,2,3,6,7,8-HxCDD	1.04	J	25	0.019	3.1	5.2
1,2,3,6,7,8-HxCDF	N.D.	U	0.051	0.26	J	0.026	N.D.	U	0.04	2.5	J	0.30	N.D.	U	0.011	0.40	J	0.061	0.87	J	0.029	1,2,3,6,7,8-HxCDF	1.53	J	25	0.62	4.6	7.7
1,2,3,7,8,9-HxCDD	0.15	J	0.129	0.47	J	0.039	0.27	J	0.115	4.5	J	0.12	0.57	J	0.028	0.45	J	0.023	0.99	J	0.031	1,2,3,7,8,9-HxCDD	1.07	J	25	0.068	3.2	5.4
1,2,3,7,8,9-HxCDF	N.D.	U	0.056	0.63	J	0.029	0.35	J	0.043	3.6	J	0.21	1.0	J	0.035	0.83	J	0.055	2.0	J	0.030	1,2,3,7,8,9-HxCDF	1.42	J	25	0.068	4.3	7.1
1,2,3,7,8-PeCDD	N.D.	U	0.045	0.20	J	0.017	N.D.	U	0.017	1.1	J	0.14	0.20	J	0.008	0.15	J	0.015	0.31	J	0.018	1,2,3,7,8-PeCDD	0.868	J	25	0.45	2.6	4.3
1,2,3,7,8-PeCDF	N.D.	U	0.060	0.36	J	0.018	N.D.	U	0.021	2.3	J	0.26	N.D.	U	0.044	0.42	J	0.050	0.67	J	0.029	1,2,3,7,8-PeCDF	0.746	J	25	0.047	2.2	3.7
2,3,4,6,7,8-HxCDF	0.24	J	0.168	0.36	J	0.025	0.23	J	0.043	2.1	J	0.13	0.65	J	0.029	0.23	J	0.058	0.59	J	0.029	2,3,4,6,7,8-HxCDF	1.18	J	25	0.58	3.5	5.9
2,3,4,7,8-PeCDF	N.D.	U	0.044	0.27	J	0.014	N.D.	U	0.017	N.D.	U	0.27	0.49	J	0.036	0.42	J	0.026	0.45	J	0.022	2,3,4,7,8-PeCDF	0.727	J	25	0.05	2.6	3.6
2,3,7,8-TCDD	N.D.	U	0.034	N.D.	U	0.022	N.D.	U	0.042	N.D.	U	0.8	N.D.	U	0.004	N.D.	U	0.12	0.097	J	0.037	2,3,7,8-TCDD	ND		4.0	0.13	----	----
2,3,7,8-TCDF	N.D.	U	0.038	N.D.	U	0.054	N.D.	U	0.053	4.7	J	0.29	N.D.	U	0.017	N.D.	U	0.049	0.18	J	0.015	2,3,7,8-TCDF	ND		5.0	0.049	----	----
OCDD	5.2	J	0.503	17	J	0.099	1.3	J	0.825	79	J	0.55	5.2	J	0.106	2.0	J	0.10	11	J	0.040	OCDD	25.6	J	110	0.13	76.8	128.0
OCDF	N.D.	U	0.048	1.3	J	0.118	0.63	J	0.0830	7.5	J	0.26	0.72	J	0.021	0.81	J	0.056	2.5	J	0.0979	OCDF	5.21	J	50	0.043	15.6	26.1
Total TCDD	N.D.	U	0.47	N.D.	U	0.022	N.D.	U	0.048	N.D.	U	0.8	N.D.	U	0.004	N.D.	U	0.99	0.22	J	0.037	Total TCDD	ND		5.0	0.13	----	----
Total TCDF	N.D.	U	0.16	0.60	J	0.054	N.D.	U	0.053	9.1	J	0.29	0.54	J	0.017	N.D.	U	0.58	0.56	J	0.015	Total TCDF	0.0635	J	5.0	0.049	0.2	0.3
Total HpCDD	0.95	J	0.759	1.7	J	0.245	0.79	J	0.569	30		0.56	1.5	J	0.153	1.3	J	0.12	2.6	J	0.241	Total HpCDD	4.63	J	25	0.089	13.9	23.2
Total HpCDF	0.25	J	0.0532	0.79	J	0.035	0.29	J	0.067	4.9	J	0.36	1.3	J	0.014	1.3	J	0.035	2.3	J	0.018	Total HpCDF	5.24	J	25	0.034	15.7	26.2
Total HxCDD	0.15	J	0.129	2.3	J	0.100	0.52	J	0.115	8.1	J	0.33	0.77	J	0.028	0.61	J	0.023	1.3	J	0.032	Total HxCDD	3.77	J	25	0.018	11.3	18.9
Total HxCDF	0.24	J	0.168	3.5	J	0.027	0.54	J	0.043	17	J	0.70	2.2	J	0.022	1.2	J	0.058	3.6	J	0.029	Total HxCDF	5.76	J	25	0.063	17.3	28.8
Total PeCDD	N.D.	U	0.045	0.20	J	0.017	N.D.	U	0.017	N.D.	U	0.27	0.49	J	0.036	0.42	J	0.026	0.45	J	0.022	Total PeCDD	1.11	J	25	0.045	3.3	5.6
Total PeCDF	N.D.	U	0.116	0.83	J	0.018	0.27	J	0.035	4.9	J	0.31	0.50	J	0.009	0.84	J	0.043	1.4	J	0.026	Total PeCDF	1.47	J	25	0.042	4.4	7.4
Total PCDD	1.1	J	0.804	3.7	J	0.445	1.6	J	0.838	42	J	0.48	2.3	J	0.181	2.4	J	0.151	4.2	J	0.213	Total PCDD	35.1	J	5.0	0.084	105.3	175.5
Total PCDF	0.49	J	0.224	4.3	J	0.030	1.7	J	0.055	42	J	0.29	5.8	J	0.025	4.0	J	0.058	10	J	0.030	Total PCDF	17.7	J	5.0	0.05	53.1	88.5
Total PCDD/PCDF	1.6	J	1.0	8.0	J	0.475	3.3	J	0.893	84	J	0.77	8.1	J	0.206	6.4	J	0.209	14	J	0.243	Total PCDD/PCDF	52.8	J	5.0	0.065	158.4	264.0

Client ID	MW-04R				MW-08				MW-09R				Equipment Blank			
Sampling Date	8/28/2024				8/28/2024				8/28/2024				8/29/2024			
Matrix	Water				Water				Water				Water			
	Result	Q	MDL		Result	Q	MDL		Result	Q	MDL		Result	Q	MDL	
1,2,3,4,6,7,8-HpCDD	23	J1	3.7		1.5	J1	0.37		3.3	J1	0.19		5.9	J1	0.73	
1,2,3,4,6,7,8-HpCDF	3.4	J1	0.25		0.42	J1	0.033		0.49	J1	0.029		3.4	J1	0.25	
1,2,3,4,7,8,9-HpCDF	N.D.	U	2.0		N.D.	U	0.14		0.27	J1	0.049		N.D.	U	0.31	
1,2,3,4,7,8-HxCDD	N.D.	U	1.2		N.D.	U	0.36		0.28	J1	0.041		N.D.	U	0.22	
1,2,3,4,7,8-HxCDF	N.D.	U	1.5		N.D.	U	0.61		0.69	J1B	0.15		N.D.	U	0.16	
1,2,3,6,7,8-HxCDD	N.D.	U	1.2		N.D.	U	0.36		N.D.	U	0.071		N.D.	U	0.21	
1,2,3,6,7,8-HxCDF	N.D.	U	3.6		N.D.	U	0.46		0.40	J1	0.15		N.D.	U	0.16	
1,2,3,7,8,9-HxCDD	N.D.	U	1.3		N.D.	U	0.36		0.44	J	0.039		N.D.	U	0.22	
1,2,3,7,8,9-HxCDF	N.D.	U	3.8		N.D.	U	0.58		N.D.	U	0.18		N.D.	U	0.16	
1,2,3,7,8-PeCDD	N.D.	U	1.3		N.D.	U	0.32		N.D.	U	0.11		N.D.	U	0.13	
1,2,3,7,8-PeCDF	N.D.	U	3.70		N.D.	U	0.37		0.33	J	0.072		N.D.	U	0.099	
2,3,4,6,7,8-HxCDF	N.D.	U	3.4		N.D.	U	0.32		N.D.	U	0.11		N.D.	U	0.14	
2,3,4,7,8-PeCDF	N.D.	U	2.9		N.D.	U	0.29		0.065	J1	0.028		N.D.	U	0.041	
2,3,7,8-TCDD	N.D.	U	1.4		N.D.	U	0.004		N.D.	U	0.048		N.D.	U	0.16	
2,3,7,8-TCDF	N.D.	U	0.87		N.D.	U	0.043		N.D.	U	0.047		N.D.	U	0.11	
OCDD	330	J	5.3		3.4	J1	0.48		96	J	0.34		40	J	0.54	
OCDF	3.4	J	1.8		N.D.	U	0.30		7.2	J	0.20		4.6	J	0.40	
Total TCDD	0.49	J	0.094		N.D.	U	0.72		N.D.	U	0.15		N.D.	U	0.17	
Total TCDF	ND	U	0.36		N.D.	U	0.19		N.D.	U	0.12		N.D.	U	0.16	
Total HpCDD	23	J1	3.7		1.5	J1	0.37		3.3	J1	0.19		5.9	J1	0.73	
Total HpCDF	4.8	J	1.8		N.D.	U	0.045		0.69	J1	0.044		6.8	J1	0.28	
Total HxCDD	N.D.	U	1.5		N.D.	U	0.36		1.7	J1	0.040		N.D.	U	1.1	
Total HxCDF	N.D.	U	1.5		N.D.	U	0.61		1.1	J1B	0.16		N.D.	U	2.4	
Total PeCDD	N.D.	U	1.3		N.D.	U	0.32		0.73	J1B	0.095		N.D.	U	0.27	
Total PeCDF	N.D.	U	9.5		N.D.	U	0.37		0.67	J1	0.068		N.D.	U	0.84	
Total PCDD	353	J	5.4		4.9	J1	0.48		100	J	0.34		46	J	0.54	
Total PCDF	8.2	J	2.8		0.42	J1	0.30		9.7	J	0.20		11	J	0.83	
Total PCDD/PCDF	361	J	5.1		5.3	J1	0.20		110	J	0.20		57	J	0.77	

Applicable Method Blank October 2025 MB 410-734036/1-A PREP BATCH 734036 / ANALYSIS BATCH 734771					
	Results	Q	RL	EDL	10xresult	5Xresult
1,2,3,4,6,7,8-HpCDD	4.63	J	25	0.089	13.9	23.2
1,2,3,4,6,7,8-HpCDF	2.34	J	25	0.03	7.0	11.7
1,2,3,4,7,8,9-HpCDF	1.60	J	25	0.038	4.8	8.0
1,2,3,4,7,8-HxCDD	0.967	J	25	0.018	2.9	4.8
1,2,3,4,7,8-HxCDF	1.28	J	25	0.062	3.8	6.4
1,2,3,6,7,8-HxCDD	1.04	J1	25	0.019	3.1	5.2
1,2,3,6,7,8-HxCDF	1.53	J1	25	0.62	4.6	7.7
1,2,3,7,8,9-HxCDD	1.07	J1	25	0.068	3.2	5.4
1,2,3,7,8,9-HxCDF	1.42	J1	25	0.068	4.3	7.1
1,2,3,7,8-PeCDD	0.868	J	25	0.45	2.6	4.3
1,2,3,7,8-PeCDF	0.746	J1	25	0.047	2.2	3.7
2,3,4,6,7,8-HxCDF	1.18	J1	25	0.58	3.5	5.9
2,3,4,7,8-PeCDF	0.727	J1	25	0.036	2.2	3.6
2,3,7,8-TCDD	ND		4.0	0.13	----	----
2,3,7,8-TCDF	ND		5.0	0.049	----	----
OCDD	25.6	J	110	0.13	76.8	128.0
OCDF	5.21	J	50	0.043	15.6	26.1
Total TCDD	ND		5.0	0.13	----	----
Total TCDF	0.0635	J	5.0	0.049	0.2	0.3
Total HpCDD	4.63	J	25	0.089	13.9	23.2
Total HpCDF	5.24	J	25	0.034	15.7	26.2
Total HxCDD	3.77	J1	25	0.018	11.3	18.9
Total HxCDF	5.76	J1	25	0.063	17.3	28.8
Total PeCDD	1.11	J	25	0.045	3.3	5.6
Total PeCDF	1.47	J	25	0.042	4.4	7.4
Total PCDD	35.1	J	5.0	0.084	105.3	175.5
Total PCDF	17.7	J	5.0	0.05	53.1	88.5
Total PCDD/PCDF	52.8	J	5.0	0.065	158.4	264.0

Applicable Method Blank November 2025 MB 410-733277/1-A PREP BATCH 733277 / ANALYSIS BATCH 733317					
	Results	Q	RL	EDL	10xresult	5Xresult
1,2,3,4,6,7,8-HpCDD	ND		25	0.32	----	----
1,2,3,4,6,7,8-HpCDF	ND		25	0.094	----	----
1,2,3,4,7,8,9-HpCDF	ND		25	0.11	----	----
1,2,3,4,7,8-HxCDD	ND		25	0.095	----	----
1,2,3,4,7,8-HxCDF	ND		25	0.048	----	----
1,2,3,6,7,8-HxCDD	ND		25	0.067	----	----
1,2,3,6,7,8-HxCDF	0.247	J1	25	0.052	0.7	1.2
1,2,3,7,8,9-HxCDD	ND		25	0.059	----	----
1,2,3,7,8,9-HxCDF	ND		25	0.059	----	----
1,2,3,7,8-PeCDD	0.428	J1	25	0.044	1.3	2.1
1,2,3,7,8-PeCDF	ND		25	0.071	----	----
2,3,4,6,7,8-HxCDF	ND		25	0.051	----	----
2,3,4,7,8-PeCDF	ND		25	0.065	----	----
2,3,7,8-TCDD	ND		4.0	0.075	----	----
2,3,7,8-TCDF	ND		5.0	0.06	----	----
OCDD	ND		110	0.43	----	----
OCDF	ND		50	0.35	----	----
Total TCDD	ND		5.0	0.17	----	----
Total TCDF	ND		5.0	0.18	----	----
Total HpCDD	ND		25	0.32	----	----
Total HpCDF	ND		25	0.11	----	----
Total HxCDD	ND		25	0.095	----	----
Total HxCDF	ND		25	0.048	----	----
Total PeCDD	ND		25	0.067	----	----
Total PeCDF	ND		25	0.63	----	----
Total PCDD	0.428	J1	5.0	0.41	1.3	2.1
Total PCDF	0.510	J1	5.0	0.26	1.5	2.6
Total PCDD/PCDF	ND		5.0	0.34	----	----

Substance reported as detected in equipment rinse blank. Substance concentration reported in groundwater sample was less than 5 times larger than the blank concentration. Substance is not considered present in groundwater sample.

Substance reported as detected in equipment rinse blank, but concentration reported in groundwater sample was more than 5 times larger than the equipment blank concentration. Substance is considered to be present in groundwater sample.

Substance reported at a concentration greater than 5/3s the concentration reported in laboratory blank method and are considered as valid data.

Substance reported at a concentration between 3/s and 5/3s greater than the concentration reported in laboratory blank method and are considered as data that should be used with caution.

Substance reported at a concentration less than 3/s the concentration reported in laboratory blank method and are considered as data that is not valid.

N.D. Substance was not detected in sample.

This table is being prepared as part of the "2024-2025 Annual Post-Closure Care Plan for Closed Surface Impoundments" report for the Former Chemours Edgemoor Facility (March 2026) and should only be viewed in that context.

Appendix B
Summary of 2025 Groundwater Dioxin/Furan Analytical Results Method Blank Validation
PCCP Monitoring - Closed Surface Impoundments
Chemours Edgemoor Plant
Edgemoor, Delaware

	Applicable Method Blank August 2024 MB 410-548802/1-A PREP BATCH 548802 / ANALYSIS BATCH 551712					
	pg/L					
	Results	Q	RL	EDL	3Xresult	5Xresult
Dioxins / Furans (Method 1613B) pg/L						
1,2,3,4,7,8-HxCDF	ND		25	0.16	----	----
1,2,3,4,7,8,9-HpCDF	ND		25	0.073	----	----
1,2,3,6,7,8-HxCDD	ND		25	0.098	----	----
1,2,3,6,7,8-HxCDF	ND		25	0.17	----	----
,2,3,7,8-PeCDD	ND		25	0.13	----	----
1,2,3,7,8-PeCDF	0.482	J I	25	0.2	1.4	2.4
1,2,3,7,8,9-HxCDD	0.415	J I	25	0.098	1.2	2.1
1,2,3,7,8,9-HxCDF	ND		25	0.2	----	----
2,3,4,6,7,8-HxCDF	ND		25	0.15	----	----
2,3,4,7,8-PeCDF	0.606	J I	25	0.15	1.8	3.0
2,3,7,8-TCDD	ND		4.0	0.087	----	----
2,3,7,8-TCDF	ND		5.0	0.053	----	----
OCDD	ND		110	0.1	----	----
OCDF	0.468	J I	50	0.072	1.4	2.3
Total HpCDD	ND		25	0.46	----	----
Total HpCDF	ND		25	0.28	----	----
Total HxCDD	0.415	J I	25	0.095	1.2	2.1
Total HxCDF	ND		25	0.2	----	----
Total PeCDD	ND		25	1.3	----	----
Total PeCDF	1.09	J I	25	0.17	3.3	5.5
Total TCDD	ND		5	0.087	----	----
Total TCDF	ND		5	0.15	----	----
Total PCDD	0.415	J I	5	0.4	1.2	2.1
Total PCDF	1.56	J I	5	0.17	4.7	7.8
Total PCDD/PCDF	1.98	J I	5	0.29	5.9	9.9

	Applicable Method Blank November 2025 MB 410-733377/1-A PREP BATCH 733377 / ANALYSIS BATCH 733217					
	pg/L					
	Results	Q	RL	EDL	3Xresult	5Xresult
Dioxins / Furans (Method 1613B) pg/L						
1,2,3,4,6,7,8-HpCDD	ND		25	0.32	----	----
1,2,3,4,6,7,8-HpCDF	ND		25	0.094	----	----
1,2,3,4,7,8-HxCDD	ND		25	0.065	----	----
1,2,3,4,7,8-HxCDF	ND		25	0.048	----	----
1,2,3,4,7,8,9-HpCDF	ND		25	0.11	----	----
1,2,3,6,7,8-HxCDD	ND		25	0.067	----	----
1,2,3,6,7,8-HxCDF	0.247	J I	25	0.052	0.7	1.2
1,2,3,7,8-PeCDD	0.428	JI	25	0.044	1.3	2.1
1,2,3,7,8-PeCDF	ND		25	0.071	----	----
1,2,3,7,8,9-HxCDD	ND		25	0.059	----	----
1,2,3,7,8,9-HxCDF	ND		25	0.059	----	----
2,3,4,6,7,8-HxCDF	ND		25	0.051	----	----
2,3,4,7,8-PeCDF	ND		25	0.065	----	----
2,3,7,8-TCDD	ND		4.0	0.075	----	----
2,3,7,8-TCDF	ND		5.0	0.06	----	----
OCDD	ND		110	0.43	----	----
OCDF	ND		50	0.35	----	----
Total HpCDD	ND		25	0.32	----	----
Total HpCDF	ND		25	0.11	----	----
Total HxCDD	ND		25	1.1	----	----
Total HxCDF	0.510	J I	25	0.053	1.5	2.6
Total PeCDD	0.428	J I	25	0.044	1.3	2.1
Total PeCDF	ND		25	0.63	----	----
Total TCDD	ND		5.0	0.17	----	----
Total TCDF	ND		5.0	0.18	----	----
Total PCDD	0.428	J I	5.0	0.41	1.3	2.1
Total PCDF	0.510	J I	5.0	0.26	1.5	2.6
Total PCDD/PCDF	ND		5.0	0.34	----	----

	Applicable Method Blank October 2025 MB 410-734036/1-A PREP BATCH 734036 / ANALYSIS BATCH 734771					
	pg/L					
	Results	Q	RL	EDL	3Xresult	5Xresult
Dioxins / Furans (Method 1613B) pg/L						
1,2,3,4,6,7,8-HpCDD	4.63	J	25	0.089	13.9	23.2
1,2,3,4,6,7,8-HpCDF	2.34	J	25	0.03	7.0	11.7
1,2,3,4,7,8-HxCDD	0.967	J	25	0.018	2.9	4.8
1,2,3,4,7,8-HxCDF	1.28	J	25	0.062	3.8	6.4
1,2,3,4,7,8,9-HpCDF	1.60	J	25	0.038	4.8	8.0
1,2,3,6,7,8-HxCDD	1.04	J I	25	0.019	3.1	5.2
1,2,3,6,7,8-HxCDF	1.53	J I	25	0.62	4.6	7.7
1,2,3,7,8-PeCDD	0.868	J	25	0.45	2.6	4.3
1,2,3,7,8-PeCDF	0.746	J I	25	0.047	2.2	3.7
1,2,3,7,8,9-HxCDD	1.07	J I	25	0.058	3.2	5.4
1,2,3,7,8,9-HxCDF	1.42	J I	25	0.068	4.3	7.1
2,3,4,6,7,8-HxCDF	1.18	J I	25	0.58	3.5	5.9
2,3,4,7,8-PeCDF	0.727	J I	25	0.036	2.2	3.6
2,3,7,8-TCDD	ND		4.0	0.13	----	----
2,3,7,8-TCDF	ND		5.0	0.049	----	----
OCDD	25.6	J	110	0.13	76.8	128.0
OCDF	5.21	J	50	0.041	15.6	26.1
Total HpCDD	4.63	J	25	0.089	13.9	23.2
Total HpCDF	5.24	J	25	0.034	15.7	26.2
Total HxCDD	3.77	J I	25	0.018	11.3	18.9
Total HxCDF	5.76	J I	25	0.063	17.3	28.8
Total PeCDD	1.11	J	25	0.045	3.3	5.6
Total PeCDF	1.47	J	25	0.042	4.4	7.4
Total TCDD	ND	J	5.0	0.13	----	----
Total TCDF	0.0635	J	5.0	0.049	0.2	0.3
Total PCDD	35.1	J	5.0	0.084	105.3	175.5
Total PCDF	17.7	J	5.0	0.05	53.1	88.5
Total PCDD/PCDF	52.8	J	5.0	0.065	158.4	264.0

Appendix C
Asphalt Specifications and Design Drawings

ENSTRUCTURE

DIAMOND STATE PORT CORPORATION

DELAWARE CONTAINER TERMINAL

EDGEMOOR, DELAWARE

ENSTRUCTURE DOT LLC

PERMIT SET - PHASE ONE PAVING PLAN

DRAWING INDEX		
SHEET No.	DRAWING No.	DRAWING TITLE
01	96-GN-0001	COVER SHEET AND DRAWING INDEX
02	96-CI-2500-P1	PAVEMENTS LAYOUT KEY PLAN - PHASE 1
03	96-CI-2501-P1	PAVEMENTS LAYOUT PLAN SHEET 1 - PHASE 1
04	96-CI-2502-P1	PAVEMENTS LAYOUT PLAN SHEET 2 - PHASE 1
05	96-CI-2503-P1	PAVEMENTS LAYOUT PLAN SHEET 3 - PHASE 1
06	96-CI-2504-P1	PAVEMENTS LAYOUT PLAN SHEET 4 - PHASE 1
07	96-CI-2505-P1	PAVEMENTS LAYOUT PLAN SHEET 5 - PHASE 1
08	96-CI-2506-P1	PAVEMENTS LAYOUT PLAN SHEET 6 - PHASE 1
09	96-CI-5501	PAVEMENTS SECTIONS SHEET 1
10	96-CI-5502	PAVEMENTS SECTIONS SHEET 2

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

						AD	MS
1	03.02.25	DNREC PERMITTING SUBMITTAL				81	APVD
NO.	DATE	REVISION		CHK	APVD		
DSGN	D. KNIGHT	DR	D. KNIGHT	M. SHEELEY	C. LAWRENCE		

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WALSH

ENSTRUCTURE

DIAMOND STATE PORT CORPORATION

DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

PERMIT SET
COVER SHEET
AND DRAWING INDEX

NOT TO SCALE
VES 5 SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-GN-0001
SHEET	01

PERMIT REVIEW SET

SHEET 1

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

N: 636767.81'
E: 631170.93'
EL: 12.62'
SMAG

N: 637300.69'
E: 631787.93'
EL: 12.62'
SMAG

N: 637622.67'
E: 632187.53'
EL: 23.85'
SMAG/CONC

N: 638043.11'
E: 633162.94'
EL: 28.39'
SMAG

N: 638286.48'
E: 633602.36'
EL: 22.90'
SMAG 117

N: 638562.60'
E: 633940.16'
EL: 18.49'
SMAG 116

N: 635921.32'
E: 632323.57'
EL: 14.01'
SMAG

N: 637904.65'
E: 634010.51'
EL: 9.09'
SMAG

XMAG PANEL

SWMU-1 & 3
SWMU-1
SWMU-2
SWMU-4
SWMU-5
SWMU-6A
SWMU-6B
SWMU-6C
SWMU-6D
SWMU-13A
SWMU-13B
SWMU-25

SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6

KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

0 150 300 450
1" = 150'

NO.	DATE	REVISION	BY	APVD
A.	03.02.25	DNREC PERMITTING SUBMITTAL	AD	MS
DSGN	DR	CHK	APVD	

DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

PERMIT SET
PAVEMENTS LAYOUT
KEY PLAN
PHASE 1

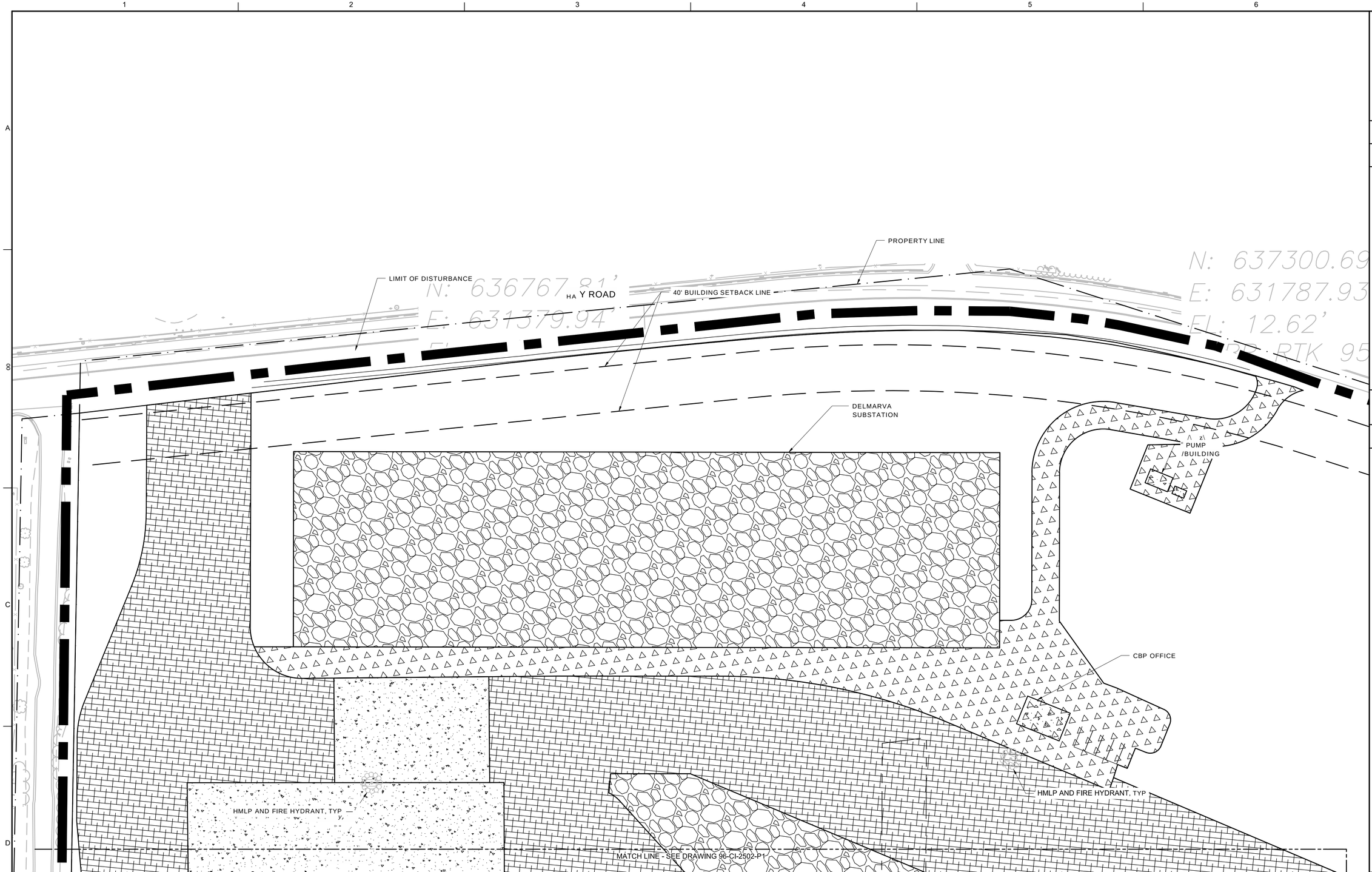
AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2500-P1
SHEET	02

PERMIT REVIEW SET

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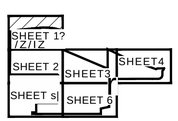


LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- LIMITS OF EXISTING SWMU

NOTES

1. LEGEND SHOWS ALL PAVEMENT TYPES FOR THE PROJECT. ALL TYPES SHOWN IN LEGEND MAY NOT APPEAR IN PLAN.
2. SEE DRAWINGS 96-CI-5501 THRU 96-CI-5502 FOR PAVEMENT TYPE DETAILS.



KEY PLAN

0 40 80 120

1" = 40'

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

NO.	DATE	DSGN	DR	CHK	APVD
A	03.02.25	A. DUBOSE	J. PEASE	B. RAHIMZADEH	M. SHEELEY

DNREC PERMITTING SUBMITTAL

REVISION BY AD MS APVD

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DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

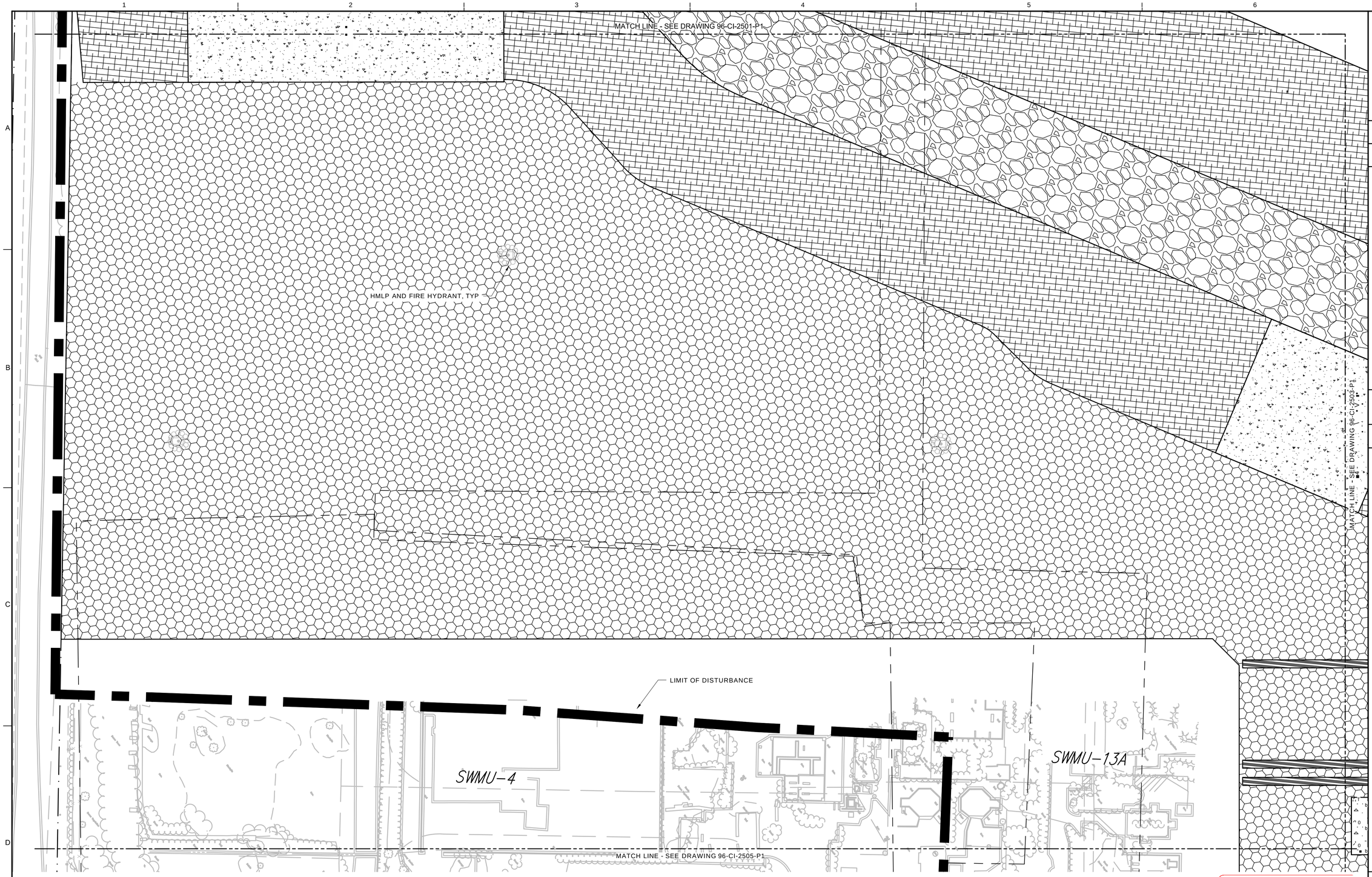
PERMITSET
PAVEMENTS LAYOUT PLAN
SHEET 1
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2501-P1
SHEET	03

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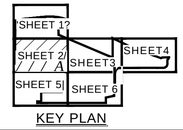


LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- LIMITS OF EXISTING SWMU

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KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

0 40 80 120
1" = 40'

NO	DATE	DSGN	DR	CHK	APVD
A	03.02.25	A. DUBOSE	J. PEASE	B. RAHIMZADEH	M. SHEELEY

DNREC PERMITTING SUBMITTAL — REVISION — AD MS BY APVD

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ENSTRUCTURE DCT LLC

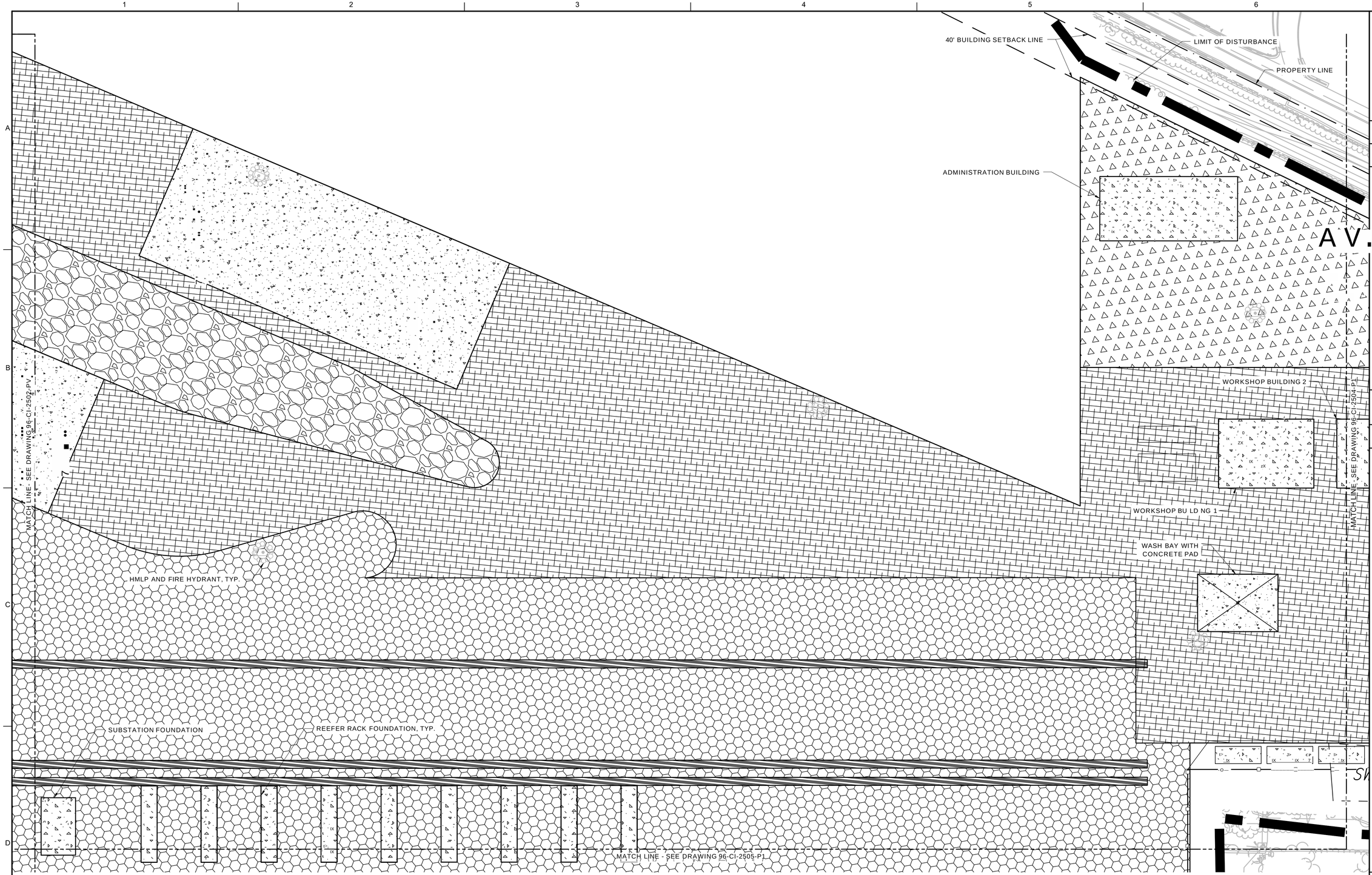
PERMIT SET
PAVEMENTS LAYOUT PLAN
SHEET 2
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2502-P1
SHEET	04

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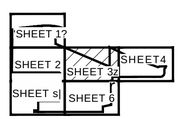


LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
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- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- LIMITS OF EXISTING SWMU

NOTES

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KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

0 40 80 120
1" = 40'

				AD	MS
A	03.02.25	DNREC PERMITTING SUBMITTAL		BY	APVD
NCL	DATE	REVISION	CHK	APVD	M. SHEELEY
DSGN	A. DUBOSE	J. PEASE	B. RAHIMZADEH		

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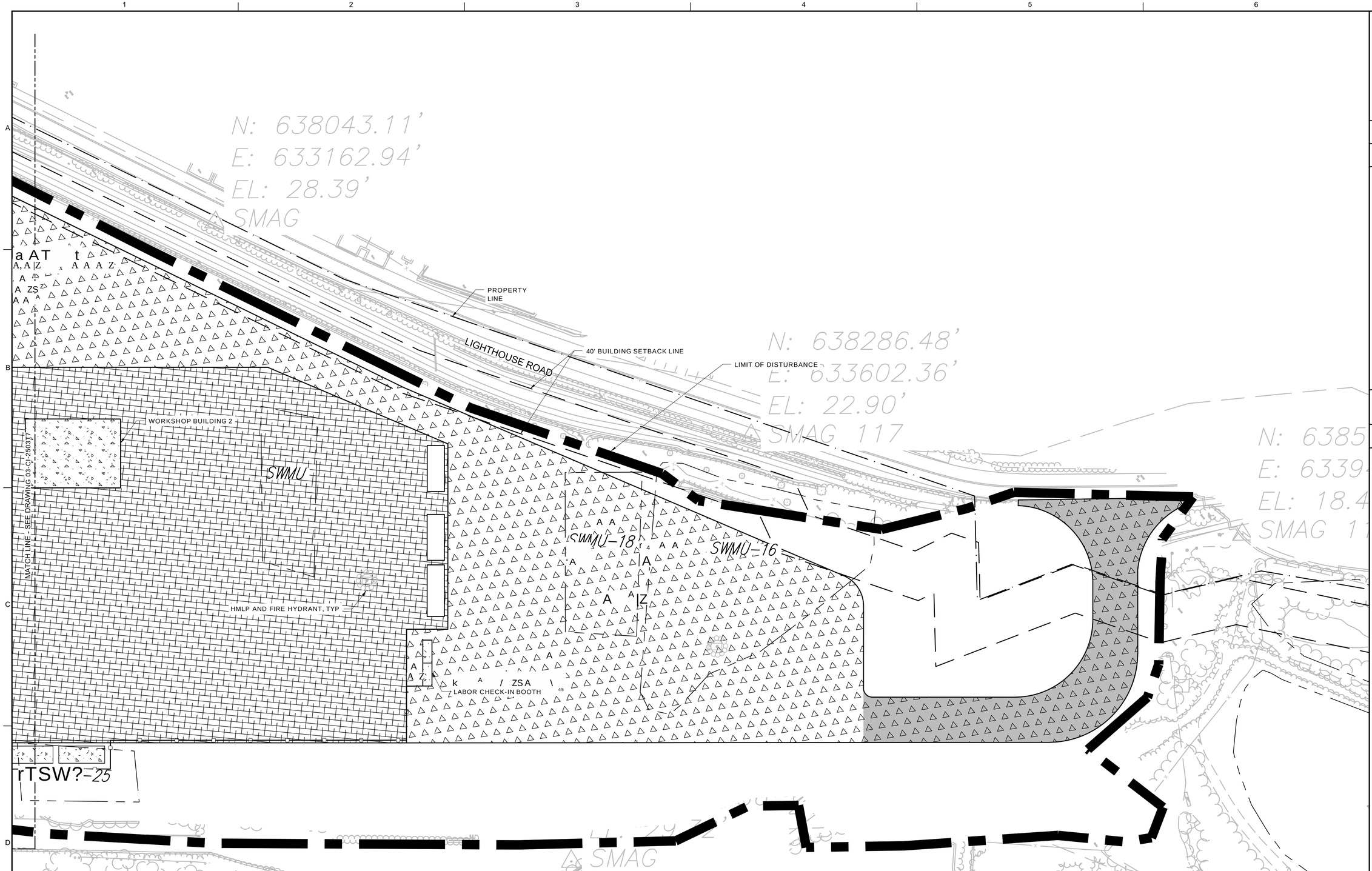
PERMIT SET
PAVEMENTS LAYOUT PLAN
SHEET 3
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2503-P1
SHEET	05

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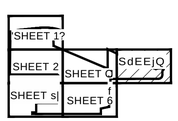


LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
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KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

0 40 80 120
1" = 40'

NO.	DATE	REVISION	BY	APVD
A	03.02.25	DNREC PERMITTING SUBMITTAL	AD	MS

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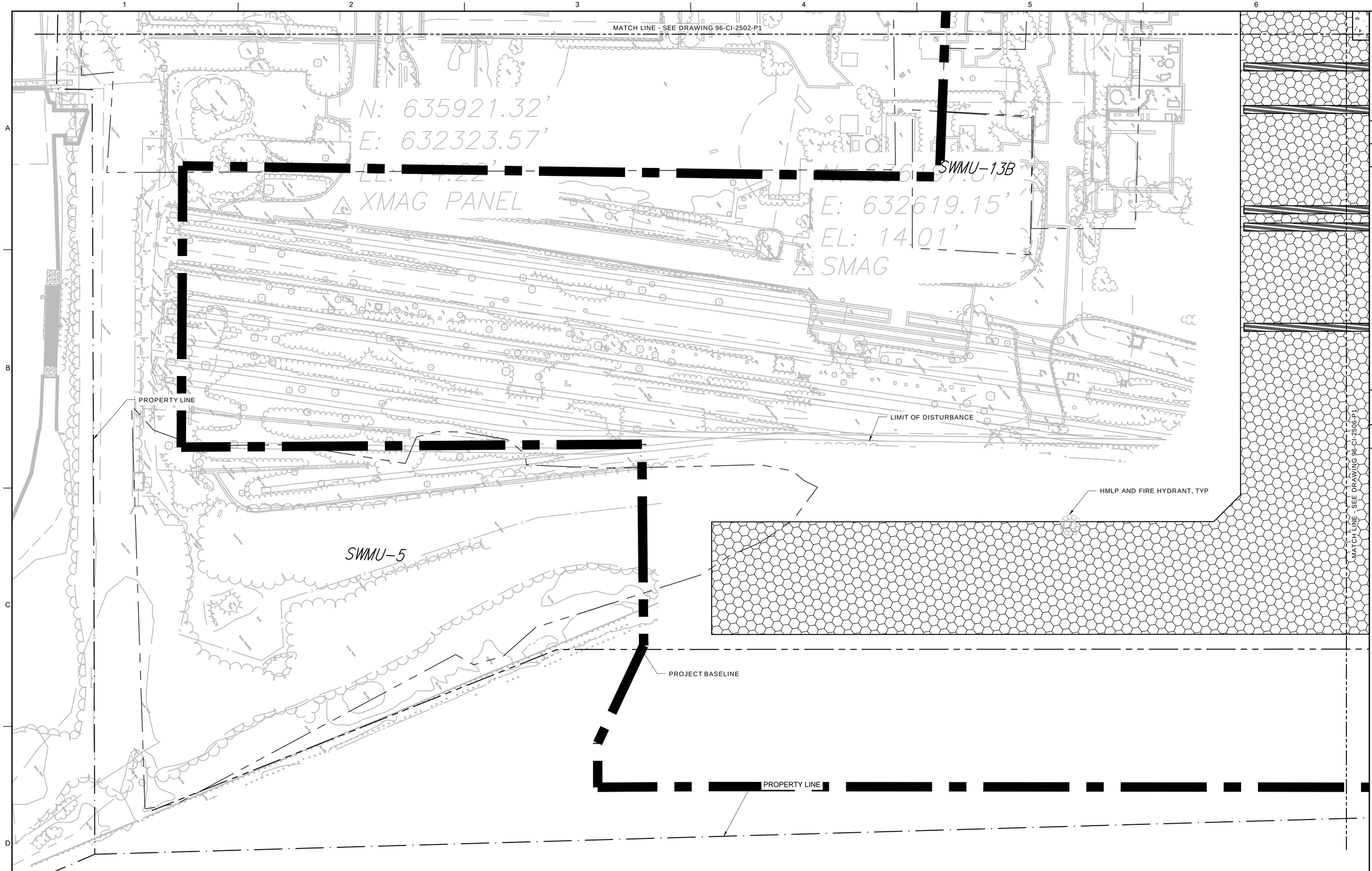
PERMIT SET
PAVEMENTS LAYOUT PLAN
SHEET 4
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2504-P1
SHEET	06

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LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- LIMITS OF EXISTING SWMU

NOTES

1. LEGEND SHOWS ALL PAVEMENT TYPES FOR THE PROJECT. ALL TYPES SHOWN IN LEGEND MAY NOT APPEAR IN PLAN.
2. SEE DRAWINGS 96-CI-5501 THRU 96-CI-5502 FOR PAVEMENT TYPE DETAILS.

KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

0 40 80 120
1" = 40'

NO.	DATE	DSGN	DR	CHK	APVD
A	03.02.25	A. DUBOSE	J. PEASE	B. RAHIMZADEH	M. SHEELEY

A - DNREC PERMITTING SUBMITTAL — AD . MS — BY . APVD

REVISION

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IEh STRUCTURE

DIAMOND STATE PORT CORPORATION

DELAWARE CONTAINER TERMINAL

EDGEMOOR, DELAWARE

ENSTRUCTURE DCT LLC

PERMIT SET

PAVEMENTS LAYOUT PLAN
SHEET 5
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2505-P1
SHEET	07

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PERMIT REVIEW SET

1 2 3 4 5 6

A B C D

MATCHLINE -SEE DRAWING 96-CI-2503-P1

SUBSTATION, SEE DRAWING 07-EL-7009 FOR FOUNDATION DETAILS

REEFER RACK FOUNDATION, TYP. SEE DRAWING 03-ST-3102 AND 03-ST-5101 FOR DETAILS

SUBSTATION, SEE DRAWING 07-EL-7006 FOR FOUNDATION DETAILS

SWMU

SWMU-1 & 3

8

SWMU-20

SWML

SUBSTATION, SEE DRAWING 07-EL-7010 FOR FOUNDATION DETAILS

MATCH LINE - SEE DRAWING 96-CI-2505-P1

HMLP AND FIRE HYDRANT, TYP

LIMIT OF DISTURBANCE

PROJECT BASELINE

PERT E

LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- LIMITS OF EXISTING SWMU

NOTES

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2. SEE DRAWINGS 96-CI-5501 THRU 96-CI-5502 FOR PAVEMENT TYPE DETAILS.

SHEET1 SHEET2 SHEET3 SHEET4 SHEET5 SHEET6

KEY PLAN

PERMIT REVIEW SET
NOT FOR CONSTRUCTION

N

0 40 80 120
1" = 40'

NO.	DATE	REVISION	CHK
A	03.02.25	DNREC PERMITTING SUBMITTAL	AD MS

DSGN A. DUBOSE | DR J. PEASE | CHK B. RAHIMZADEH | APVD M. SHEELEY | BY | APVD

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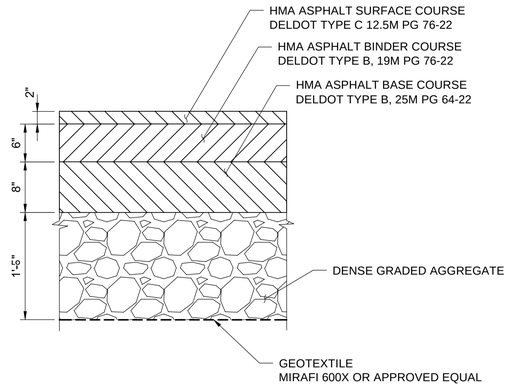
PERMITSET
PAVEMENTS LAYOUT PLAN
SHEET 6
PHASE 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-2506-P1
SHEET	08

PERMIT REVIEW SET

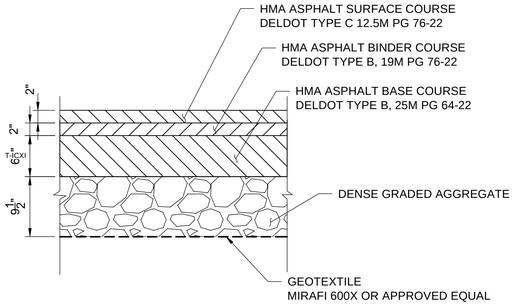
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1 HEAVY-DUTY PAVEMENT SECTION

SCALE: 1" = T-0"

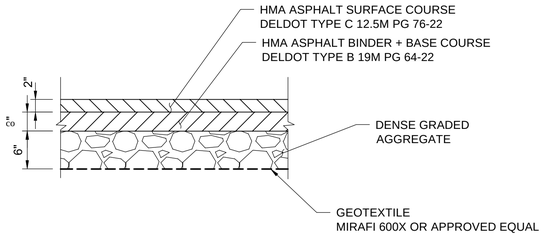
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2 MEDIUM-DUTY PAVEMENT SECTION

SCALE: 1" = T-0"

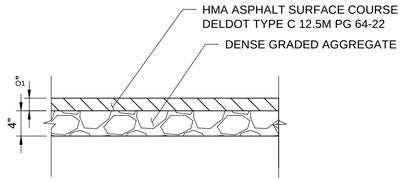
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3 LIGHT-DUTY PAVEMENT SECTION

SCALE: 1" = T-0"

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4 TEMPORARY PAVEMENT SECTION

SCALE: 1" = T-0"

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PERMIT REVIEW SET
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NO.	DATE	DSGN	DR	CHK	APVD	BY
A	03.02.25	X. LI	A. RANJAN	B. RAHIMZADEH	M. SHEELEY	AD / MS

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DELAWARE CONTAINER TERMINAL
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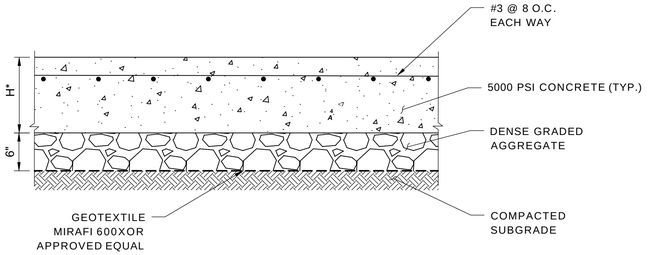
PERMIT SET
PAVEMENTS
SECTIONS
SHEET 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-5501
SHEET	09

PERMIT REVIEW SET

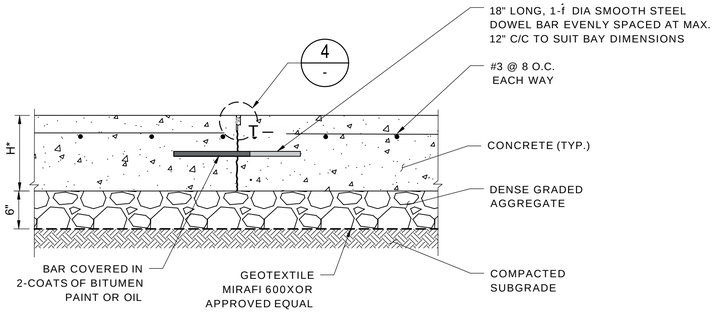
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1 CONCRETE PAVEMENT SECTION

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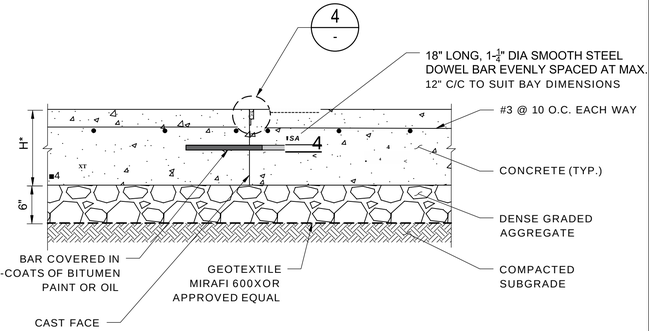
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2 CONTRACTION JOINT IN CONCRETE PAVEMENT

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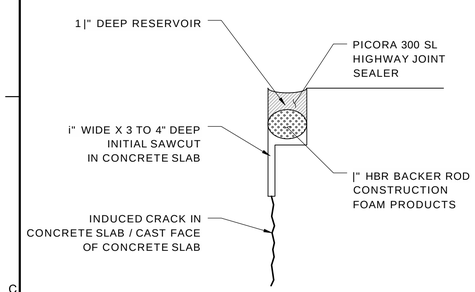
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3 CONSTRUCTION JOINT IN CONCRETE PAVEMENT

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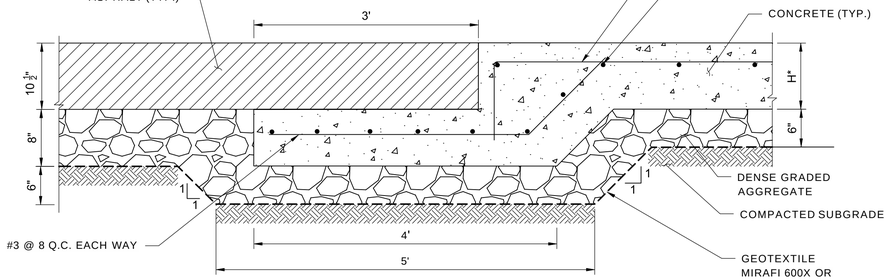
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4 ' CONTRACTION/CONSTRUCTION JOINT DETAIL

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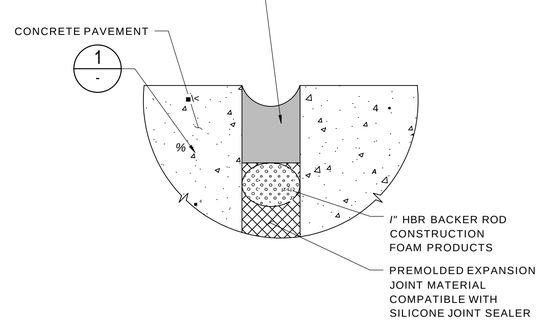
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5 TRANSITION DETAIL - CONCRETE AND ASPHALT PAVEMENT

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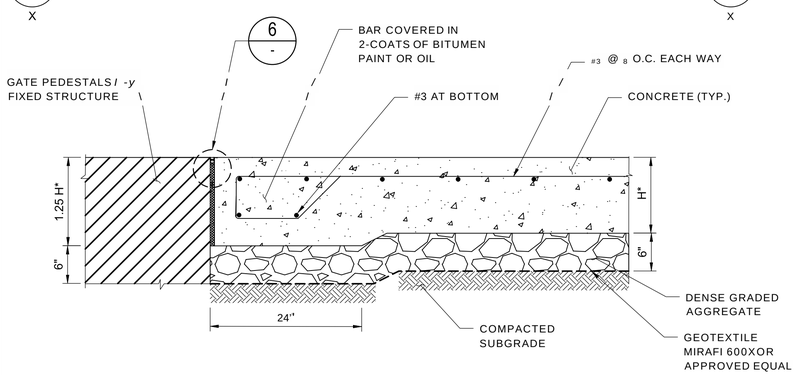
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6 EXPANSION/ISOLATION JOINT DETAIL

N.T.S.

X



7 ISOLATION JOINT - CONCRETE PAVEMENT FIXED STRUCTURES

N.T.S.

X

NOTE :

H* INDICATES CONCRETE PAVEMENT DESIGN THICKNESS
- H = 12" IN OCR LANES
- H = 10" IN GATE LANES

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NO.	DATE	DSGN	DR	CHK	APVD	BY
A	03.02.25	X. LI	A. RANJAN	B. RAHIMZADEH	APVD	M. SHEELEY

REVISION

A DNREC PERMITTING SUBMITTAL — AD MS

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PAVEMENTS
SECTIONS
SHEET 2

NOT TO SCALE
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"

DATE	MARCH 2026
PROJ	D3958901
DWG	96-CI-5502
SHEET	10

PERMIT REVIEW SET

SECTION 32 12 16
ASPHALT PAVING

PART 1 GENERAL

1.01 REFERENCES

A. The following is a list of standards which may be referenced in this section:

1. American Association of State Highway and Transportation Officials (AASHTO):
   a. Ml 7, Standard Specification for Mineral Filler for Bituminous Paving Mixtures.
   b. M81, Standard Specification for Cut-Back Asphalt (Rapid Curing Type).
   c. M82, Standard Specification for Cut-Back Asphalt (Medium Curing Type).
   d. Ml 40, Standard Specification for Emulsified Asphalt.
   e. Ml 56, Standard Specification for Requirements for Mixing Plants for Hot-mixed, Hot-laid Bituminous Paving Mixes.
   f. M208, Standard Specification for Cationic Emulsified Asphalt.
   g. R35, Standard Practice for Superpave Volumetric Design for Hot Mix Asphalt.
   h. T166, Standard Method of Test for Bulk Specific Gravity (Gmb) of Compacted Hot Mix Asphalt (HMA) Mixtures Using Saturated Surface-Dry Specimens.
   i. T176 Standard Method of Test for Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test.
   j. T209, Standard Method of Test for Theoretical Maximum Specific Gravity (Gmm) and Density of Hot Mix Asphalt (HMA).
   k. T247, Standard Method of Test for Preparation of Test Specimens of Hot Mix Asphalt (HMA) by Means of California Kneading Compactor.
   l. T283, Standard Method of Test for Resistance of Compacted Hot Mix Asphalt (HMA) to Moisture-Induced Damage.
   m. T304, Standard Method of Test for Uncompacted Void Content of Fine Aggregate.
   n. T312, Standard Method of Test for Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of a Superpave Gyratory Compactor.
2. Asphalt Institute (Al):
   a. Manual Series No. 2 (MS-2), Mix Design Methods for Asphalt Concrete.
   b. Superpave Series No. 2 (SP-2), Superpave Mix Design.

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3. ASTM International (ASTM):
   a. D75, Standard Method of Test for Sampling of Aggregates.
   b. D140, Standard Method of Test for Sampling Bituminous Materials.
   c. D979, Standard Method of Test for Sampling Bituminous Paving Mixtures.
   d. D2041, Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures.
   e. D2489, Standard Method of Test for Determining Degree of Particle Coating of Asphalt Mixtures.
   f. D4318, Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
   g. D4791, Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate.
   h. D5821, Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate.
   i. E329 REV A, Standard Specification for Agencies Engaged in Construction Inspection Testing, or Special Inspection.
4. State of Delaware: Standard Specifications for Road and Bridge Construction, August 2016.

1.02 DEFINITIONS

A. Combined Aggregate: All mineral constituents of asphalt concrete mix, including mineral filler and separately sized aggregates.

B. Maximum Aggregate Size: One sieve size larger than the nominal aggregate size.

C. Nominal Aggregate Size: One sieve size larger than the first sieve that retains more than 10 percent aggregate.

D. Prime Coat: Low viscosity cutback or emulsified asphalt applied to granular base in preparation of paving to coat and bond loose materials, harden the surface, plug voids, prevent moisture migration, and provide adhesion.

E. Reclaimed asphalt pavement (RAP): Removed and/or processed pavement materials containing binder and aggregate.

F. Seal Coat: Term used for various applications of emulsified asphalt, with or without sand or aggregate, to protect the asphalt surface from aging due to wear, degradation from the sun, wind, and water. Also used to improve skid resistance and aesthetics. The term seal coat can be used to define fog seal, slurry seal, chip seal or sand seal, depending on application.

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G. Standard Specifications: When referenced in this section, shall mean Department of Transportation, State of Delaware, Standard Specifications for Road and Bridge Construction, August 2016.

H. Tack Coat: Thin layer of emulsified asphalt applied to hard surfaces, including new pavement lifts, to promote adhesion and bonding.

I. Macadam: A mixture of soil aggregate and coarse aggregate.

1.03 DESIGN REQUIREMENTS

A. Prepare asphalt concrete mix design, meeting the following design criteria, tolerances, and other requirements of this specification.

B. Design Criteria:

1. Superpave Method, Al SP-2, AASHTO R35:
   a. Design Gyrations, NDES: 125 average for PG 76-22 and
   b. Coarse Aggregate Angularity, ASTM D5821: One or more fractured faces 95 percent minimum; two or more fractured faces 90 percent, minimum.
   c. Fine Aggregate Angularity, AASHTO T304: 45 percent below 4 inches (100 millimeters) from surface and 45 percent above 4 inches (100 millimeters) from surface.
   d. Flat and Elongated Particles, ASTM D4791: 8 percent, maximum.
   e. Clay Content, AASHTO T176: Minimum sand equivalent of 45 percent.
   f. Voids in Mineral Aggregate: See Table 1.
   g. Voids Filled with Asphalt: 70 percent to 80 percent.
   h. Mixture Density as a Percentage of Theoretical Maximum Density at Initial Gyration Level: 89 percent, maximum.
   i. Mix Density at Maximum Number of Gyrations: Less than 98 percent of theoretical maximum density.
   j. Dust Proportion: 0.8 to 1.6.
   k. Air Voids: 4 percent.
   l. Tensile Strength Ratio, AASHTO T283: 80 percent, minimum.

Table 1
Voids in Mineral Aggregate (VMA) Criteria

Nominal Maximum Aggregate Size (mm)	Minimum VMA, Percent
1/2" (12.5)	14
3/4" (19.0)	13

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Table 1 Voids in Mineral Aggregate (VMA) Criteria	
Nominal Maximum Aggregate Size (mm)	**Minimum VMA, Percent**
1" (25.0)	12
1-1/2” (37.5)	11

C. Furnished Mix Tolerances:

1. Conform to asphalt concrete mix formula within the following, plus or minus:
   a. Aggregate Passing No. 4 (4.76 millimeter) and Larger Sieves: 5 percent.
   b. Aggregate Passing the No. 8 (2.38 millimeter) to No. 100 (150 pm) Sieves: 4 percent.
   c. Aggregate Passing the No. 200 (75 pm) Sieve: 2 percent.
   d. Bitumen Content: 0.3 percent of volume or batch weight of aggregate.
   e. Temperature Leaving Mixer: 20 degrees F (11 degrees C).
   f. Temperature in Paving Machine Hopper: 20 degrees F (11 degrees C).

1.04 SUBMITTALS

A. Informational Submittals:

1. Asphalt Concrete Mix Formula:
   a. Submit minimum of 15 days prior to start of production.
   b. Submittal to include the following information:
      1) Gradation and portion for each aggregate constituent used in mixture to produce a single gradation of aggregate within specified limits.
      2) Bulk specific gravity for each aggregate constituent.
      3) Measured maximum specific gravity of mix at optimum asphalt content determined in accordance with ASTM D2041.
      4) Properties as stated in this section for at least four different asphalt contents other than optimum, two below optimum, and two above optimum.
      5) Percent of asphalt lost due to absorption by aggregate.
      6) Index of Retained Strength (TSR) at optimum asphalt content as determined by AASHTO T283.

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7) Percentage of asphalt cement, to nearest 0.1 percent, to be added to mixture.
8) Optimum mixing temperature.
9) Optimum compaction temperature.
10) Temperature-viscosity curve of asphalt cement to be used.
11) Brand name of any additive to be used and percentage added to mixture.

2. Test Report for Asphalt Cement:
   a. Submit minimum 10 days prior to start of production.
   b. Show appropriate test method(s) for each material and the test results.
3. Manufacturer's Certificate of Compliance, in accordance with Section 01 61 00, Common Product Requirements, for the following materials:
   a. Aggregate: Gradation, source test results as defined in the Standard Specifications.
   b. Asphalt for Binder: Type, grade, and viscosity-temperature curve.
   c. Prime Coat: Type and grade of asphalt.
   d. Tack Coat: Type and grade of asphalt.
   e. Additives.
   f. Mix: Conforms to job-mix formula.
4. Statement of qualification for independent testing laboratory.
5. Test Results:
   a. Mix design.
   b. Asphalt concrete core.
   c. Gradation and asphalt content of uncompacted mix.
   d. Field density.
   e. Quality control.

1.05 QUALITY ASSURANCE

A. Qualifications:

1. Independent Testing Laboratory: In accordance with ASTM E329 REV A.
2. Asphalt concrete mix formula shall be prepared by approved certified independent laboratory under the supervision of a certified asphalt technician.

B. Compaction Control Strip:

1. General:
   a. Construct to approximately 400 square yards in area and at location that will become a portion of completed paved area.
   b. Thickness: Typical of thickness to be paved on Project.

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2. Rollers Used for Compaction:
    a. Steel Wheel Rollers: Minimum static weight 10 tons (9 mg).
    b. Pneumatic Rollers: Capable of exerting pressure of 80 psi (550 kPa) on bituminous surface.
    c. Vibratory Rollers: Static weight minimum 6 tons (5.5 mg), capable of applying a 10-ton (9-mg) impact force equipped with amplitude and frequency control specifically designed for compaction of bituminous mixtures.
3. Compaction:
    a. Compact bituminous mat, using a standard rolling pattern that covers entire control strip. Request that independent testing laboratory performs final density test.
    b. Continue rolling until no further compaction can be obtained as determined by field density testing.
    c. Temperature and condition of bituminous mat shall be considered workable when further compaction can no longer be obtained.
4. Target Density Determination:
    a. Select test point near center of normal roller pass, but no closer than 2 feet (600 millimeters) from edge of mat and 50 feet (15 meters) from either end of control strip. Mat thickness at this point shall be at least depth of finished pavement.
    b. Point at which no further densification can be obtained.
5. Establish new target density if change is made in mix design, nominal depth of mat being placed, aggregate source, or material properties.

1.06 ENVIRONMENTAL REQUIREMENTS

A. Temperature: Do not apply asphalt materials or place asphalt mixes when ground temperature is lower than 50 degrees F (10 degrees C) or air temperature is lower than 40 degrees F (4 degrees C). Measure ground and air temperature in shaded areas away from heat sources or wet surfaces.

B. Moisture: Do not apply asphalt materials or place asphalt mixes when application surface is wet.

PART 2 PRODUCTS

2.01 MATERIALS

A. Tack Coat: Emulsified Asphalt for Tack Coat or Seal Coat: Conform to Section 1011, Tack Coat of the Standard Specifications.

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2.02 ASPHALT CONCRETE MIX

A. General:

1. Mix formula shall not be modified except with written approval of Engineer.
2. Source Changes:
   a. Should material source(s) change, establish new asphalt concrete mix formula before new material(s) is used.
   b. Perform check tests of properties of plant-mix bituminous materials on first day of production and as requested by Engineer to confirm that properties are in compliance with design criteria.
   c. Make adjustments in gradation or asphalt content as necessary to meet design criteria.

B. Asphalt Concrete:

1. Surface Course shall be HMA 12.5 mm with PG76-22 (Polymer-modified) to AASHTO M320.
2. Binder Course shall be HMA 19 mm with PG 76-22 (Polymer-modified) to AASHTO M320.
3. Base: HMA 25 mm with PG 76-22 (polymer-modified) to AASHTO M320.

C. Composition: Hot-plant mix of aggregate, mineral filler if required, and paving grade asphalt cement. The several aggregate fractions shall be sized, uniformly graded, and combined in such proportions that resulting mixture meets grading requirements of mix formula.

D. Aggregate:

1. As specified in the Standard Specifications. RAP material may be used up to a maximum of 10 percent by total weight.
2. Coarse: In accordance with Section 1014, Asphalt Materials Production of the Standard Specifications.
   a. Material retained on a No. 8 (2.36-millimeter) sieve.
   b. Minimum 90 percent by weight of individual pieces having two or more fractured faces, and 95 percent by weight having at least one fractured face.
3. Fine: In accordance with Section 1014, Asphalt Materials Production of the Standard Specifications.
   a. Material passing a No. 8 (2.36-millimeter) sieve.
   b. Clean, sound, durable, angular shaped particles produced by crushing.
   c. Plasticity Index: Maximum 6.

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d. Liquid Limit: Maximum 25, when tested in accordance with ASTM D4318.

4. Natural Sand: Shall not be used.

E. Asphalt Cement: Paving Grade PG76M and Base Coarse PG70, as specified in Section 1012, Asphalt Cement of the Standard Specifications.

2.03 BITUMINOUS STABILIZED MACADAM

A. Hot-plant mix of aggregate, mineral filler, if required, and bituminous stabilizing agent.

B. Aggregate: Type Coarse Aggregate gradation meeting requirements of Section 1014 of the Standard Specifications.

C. Stabilizing Agent: Cut-back asphalt or emulsified asphalt meeting the requirements of Section 1016 of the Standard Specifications.

PART 3 EXECUTION

3.01 LINE AND GRADE

A. Provide and maintain intermediate control of line and grade, independent of underlying base, to meet finish surface grades and minimum thickness.

3.02 APPLICATION EQUIPMENT

A. In accordance with Section 401, Bituminous Pavement of the Standard Specifications.

3.03 PREPARATION

A. Prepare subgrade as specified in Section 31 23 13, Subgrade Preparation.

B. Existing Terminal:

1. Modify profile by grinding, milling, or overlay methods as approved, to provide meet lines and surfaces and to produce smooth riding connection to existing facility.
2. Remove existing material to a minimum depth of 1 inch (25 millimeters).
3. Paint edges of meet line with tack coat prior to placing new pavement.

C. Thoroughly coat edges of contact surfaces (curbs, manhole frames) with emulsified asphalt or asphalt cement prior to laying new pavement. Prevent staining of adjacent surfaces.

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3.04 PAVEMENT APPLICATION

A. General: Place asphalt concrete mixture on approved, prepared base in conformance with this section.

B. Prime Coat:

1. Apply uniformly to clean, dry surfaces avoiding overlapping of applications.
2. Do not apply when moisture content of upper 3 inches (75 millimeters) of base exceeds optimum moisture content of base, or if free moisture is present.
3. Application Rate: 0.15 gallon to 0.50 gallon per square yard (70 liters to 2.28 liters per square meter) of surface area. Engineer will determine amount to be applied within range specified.
4. Remove or redistribute excess material.
5. Allow a minimum of 5 full days for curing of primed surface before placing asphalt concrete.

C. Tack Coat:

1. Prepare material, as specified in Section 1011, Tack Coat of the Standard Specifications, prior to application.
2. Apply uniformly to clean, dry surfaces avoiding overlapping of applications.
3. Do not apply more tack coat than necessary for the day’s paving operation.
4. Touch up missed or lightly coated surfaces and remove excess material.
5. Application Rate:
   a. 0.05 gallon per square yard to 0.15 gallon per square yard (0.25 liter per square meter to 0.70 liter per square meter) of asphalt (residual if diluted emulsified asphalt).
   b. Apply at rate, within range specified, sufficient to assure good bonding, but not so heavy that surplus asphalt flushes into asphalt concrete being placed.

D. Pavement Mix:

1. Prior to Paving:
   a. Sweep primed surface free of dirt, dust, or other foreign matter.
   b. Patch holes in primed surface with asphalt concrete pavement mix.
   c. Blot excess prime material with sand.
2. Place asphalt concrete pavement mix in two equal lifts.

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3. Compacted Lift Thickness:
    a. Minimum: Twice maximum aggregate size, but in no case less than 1 inch (25 millimeters).
    b. Maximum: 4 inches (100 millimeters).
4. Total Compacted Thickness: As shown on construction Plan Details.
5. Sequence placement so that meet lines are straight and edges are vertical.
6. Collect and dispose of segregated aggregate from raking process. Do not scatter material over finished surface.
7. Joints:
    a. Offset edge of each layer a minimum of 6 inches (150 millimeters) so joints are not directly over those in underlying layer.
    b. Offset longitudinal joints in roadway pavements so longitudinal joints in wearing layer coincide with pavement centerlines and lane divider lines.
    c. Form transverse joints by cutting back on previous day's run to expose full vertical depth of layer.
8. Succeeding Lifts: Apply tack coat to pavement surface between each lift.
9. After placement of pavement, seal meet line by painting a minimum of 6 inches (150 millimeters) on each side of joint with cutback or emulsified asphalt. Cover immediately with sand.

E. Compaction:

1. Roll until roller marks are eliminated and minimum density of 97 percent of mix design unit weight at optimum asphalt content is obtained.
2. Joint Compaction:
    a. Place top or wearing layer as continuously as possible.
    b. Pass roller over unprotected end of freshly laid mixture only when placing of mix is discontinued long enough to permit mixture to become chilled.
    c. Cut back previously compacted mixture when Work is resumed to produce slightly beveled edge for full thickness of layer.
    d. Cut away waste material and lay new mix against fresh cut.

F. Tolerances:

1. General: Conduct measurements for conformity with crown and grade immediately after initial compression. Correct variations immediately by removal or addition of materials and by continuous rolling.
2. Completed Surface or Wearing Layer Smoothness:
    a. Uniform texture, smooth, and uniform to crown and grade.

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b. Maximum Deviation: 1/8 inch (3 millimeter) from lower edge of a 12-foot (3.6-meter) straightedge, measured continuously parallel and at right angle to centerline.
c. If surface of completed pavement deviates by more than twice specified tolerances, remove and replace wearing surface.

3. Transverse Slope Maximum Deviation: (1/4 inch (6 millimeters) in 12 feet (3.6 meters) from rate of slope shown.
4. Finished Grade:
   a. Perform field differential level survey on maximum 50-foot (15-meter) grid and along grade breaks.
   b. Maximum Deviation: 0.02 foot (6 millimeters) from grade shown.

G. Seal Coat:

1. General: Apply seal coat of paving grade or emulsified asphalt to finished surface at longitudinal and transverse joints, joints at abutting pavements, areas where asphalt concrete was placed by hand, patched surfaces, and other areas as directed by Engineer.
2. Preparation:
   a. Surfaces that are to be sealed shall be maintained free of holes, dry, and clean of dust and loose material.
   b. Seal in dry weather and when temperature is above 35 degrees F (2 degrees C).
3. Application:
   a. Fill cracks over 1/16 inch (1.5 millimeters) in width with asphalt-sand slurry or approved crack sealer prior to sealing.
   b. When sealing patched surfaces and joints with existing pavements, extend minimum 6 inches (150 millimeters) beyond edges of patches.

3.05 PAVEMENT OVERLAY

A. Preparation:

1. Remove fatty asphalt, grease drippings, dust, and other deleterious matter.
2. Surface Depressions: Fill with asphalt concrete mix, and thoroughly compact.
3. Damaged Areas: Remove broken or deteriorated asphalt concrete and patch as specified in Article Patching.
4. Portland Cement Concrete Joints: Remove joint filler to minimum 1/2 inch (12 millimeters) below surface.

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B. Application:

1. Tack Coat: As specified in this section.
2. Place and compact asphalt concrete as specified in Article Pavement Application.
3. Place first layer to include widening of pavement and leveling of irregularities in surface of existing pavement.
4. When leveling irregular surfaces and raising low areas, the actual compacted thickness of any one lift shall not exceed 2 inches (50 millimeters).
5. Actual compacted thickness of intermittent areas of 120 square yards (100 square meters) or less may exceed 2 inches (50 millimeters), but not 4 inches (100 millimeters).
6. Final wearing layer shall be of uniform thickness, and meet grade and cross-section as shown.

3.06 PATCHING

A. Preparation:

1. Remove damaged, broken, or unsound asphalt concrete adjacent to patches. Trim to straight lines exposing smooth, sound, vertical edges.
2. Prepare patch subgrade as specified in Section 31 23 13, Subgrade Preparation.

B. Application:

1. Patch Thickness: 3 inches (75 millimeters) or thickness of adjacent asphalt concrete, whichever is greater.
2. Place asphalt concrete mix across full width of patch in layers of equal thickness.
3. Spread and grade asphalt concrete with hand tools or mechanical spreader, depending on size of area to be patched.

C. Compaction:

1. Roll patches with power rollers capable of providing compression of 200 pounds per linear inch to 300 pounds per linear inch (350 Newtons per linear centimeter to 525 Newtons per linear centimeter). Use hand tampers where rolling is impractical.
2. Begin rolling top course at edges of patches, lapping adjacent asphalt surface at least one-half the roller width. Progress toward center of patch overlapping each preceding track by at least one-half width of roller.
3. Make sufficient passes over entire area to remove roller marks and to produce desired finished surface.

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D. Tolerances:

1. Finished surface shall be flush with and match grade, slope, and crown of adjacent surface.
2. Tolerance: Surface smoothness shall not deviate more than plus 1/4 inch (6 millimeters) or minus 0 inch when straightedge is laid across patched area between edges of new pavement and surface of old surfacing.

3.07 FIELD QUALITY CONTROL

A. General: Provide services of approved certified independent testing laboratory to conduct tests.

B. Field Density Tests:

1. Perform tests from cores or sawed samples in accordance with AASHTOT166.
2. Measure with properly operating and calibrated nuclear density gauge in accordance with ASTM D2950.
3. Maximum Density: In accordance with ASTM D2041, using sample of mix taken prior to compaction from same location as density test sample.

C. Testing Frequency:

1. Quality Control Tests:
   a. Asphalt Content, Aggregate Gradation: Once per every 500 tons (400 mg) of mix or once every 4 hours, whichever is greater.
   b. Mix Design Properties, Measured Maximum (Rice's) Specific Gravity: Once every 1,000 tons (900 mg) or once every 8 hours, whichever is greater.
2. Density Tests: Once every 500 tons (450 mg) of mix or once every 4 hours, whichever is greater.

END OF SECTION

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Technical Memorandum

Jacobs

Delaware Container Terminal - Reclaimed Asphalt Pavement

Date:	August 12, 2026
Project name:	Delaware Container Terminal Edgemoor Planning - Reclaimed Asphalt Pavement (RAP) Millings
Project no:	T2484300b
Attention:	Katie Faulkner
Client:	State of Delaware Department of Natural Resources and Environmental Control - Remediation Section
Prepared by:	Jacobs
Document no:	TM_002
Copies to:	Walsh: Brian Midlick and Andrew Saunders Enstructure: Diego Lopez and John Reece DSPC: Brian Devine

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In memorialization of the DNREC RCRA progress call held July 31, 2026, we have prepared this memo outlining the Delaware Container Terminal (DCT) development team's intent to repurpose asphalt millings generated from the demolition of existing obsolete site pavements.

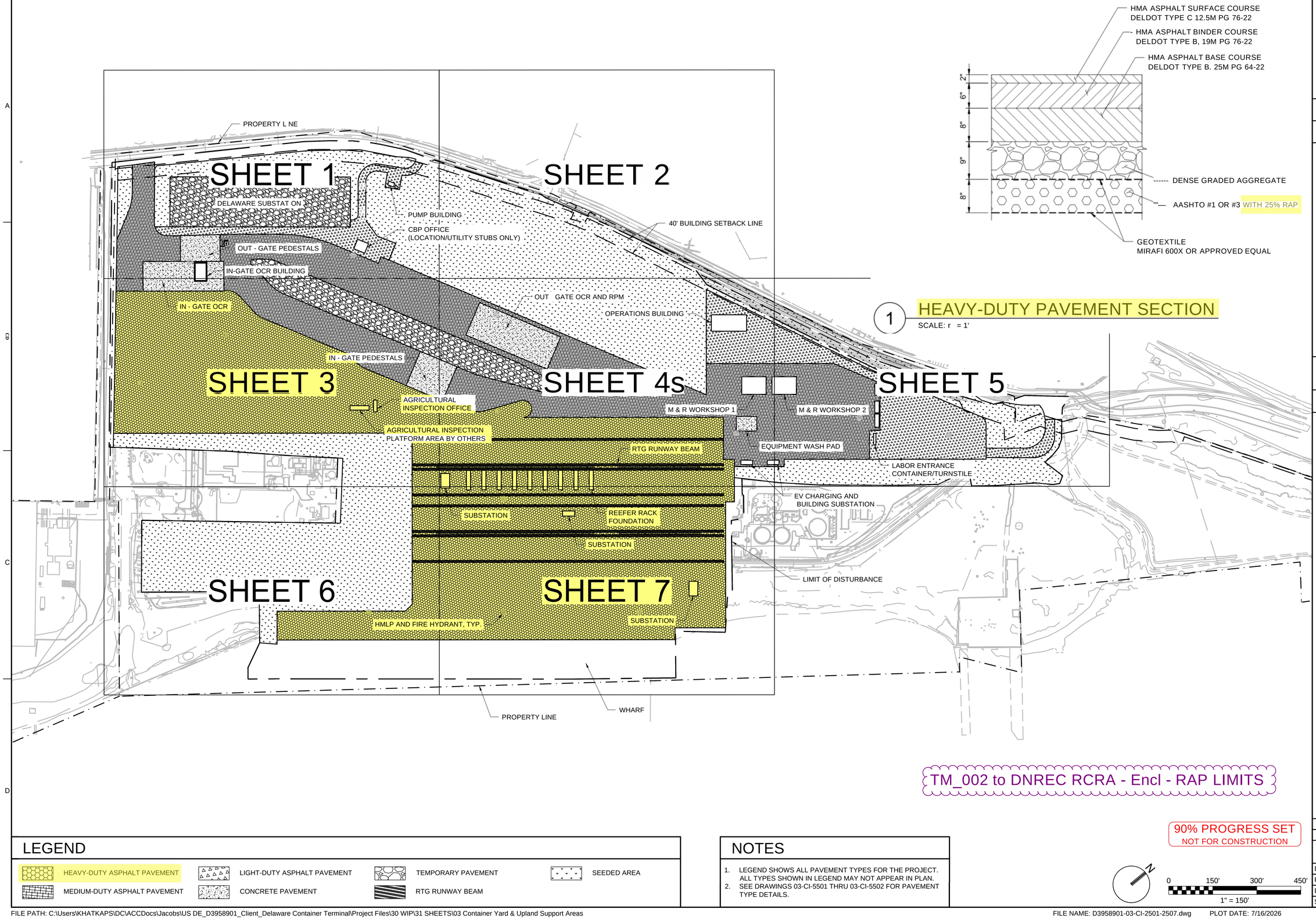
As part of the mass grading operation, existing site pavements, including existing asphalt pavements, are to be demolished, processed, and stockpiled. The team estimates that approximately 15,000 cubic yards of reclaimed asphalt pavement (RAP) millings will be generated from the Phase 1 demolition limits (a site area covering approximately 65 acres). Although none of the approximately 15,000 cubic yards of existing asphalt is known to be contaminated, integral to the processing effort will be screening for visual contamination. If contaminated material is encountered, said asphalt will be segregated, separately stockpiled, designated as not suitable for reclamation (i.e.: not RAP), and managed per EMHCP protocols.

Asphalt pavement millings that are "clean" (suitable for reclamation, i.e.: RAP) will be repurposed exclusively in the lower subbase of new "heavy duty" asphalt pavements. Enclosed with this memo is an overall site paving plan with heavy duty asphalt pavement extents identified, as well as the typical heavy duty asphalt pavement section. As shown, heavy duty asphalt pavement sections have 16" of new asphalt base course, binder course, and surface course, as well as 9" of dense-graded aggregate upper subbase, all to be placed above RAP inclusions. Further, the RAP millings will not be stand-alone. For satisfactory performance of the heavy-duty pavement, project specifications require that RAP be blended with crushed rock in the 8"-thick lower subbase layer at a maximum mix ratio of 25% RAP (75% crushed rock). This requirement is called out in the enclosed typical heavy duty pavement section.

The Phase 1 design calls for approximately 135,000 square yards of heavy-duty asphalt, which, for an 8"-thick lower subbase at a 25% RAP mix ratio, equates to 7,500 cubic yards of RAP inclusions for the entirety of the Phase 1 construction. Excess clean RAP will be stockpiled on site for use in future Phase 2/Full-Build heavy duty pavement. After the Phase 2/Full-Build construction, any remaining excess RAP will be disposed of offsite.

We appreciate the opportunity to outline the project's intended use of RAP. If there are environmental concerns related to the proposed reclamation approach, please do not hesitate to contact the DCT team.

Encl: Marked-up DCT Pavement Layout Plan



1 HEAVY-DUTY PAVEMENT SECTION

SCALE: r = 1'

TM_002 to DNREC RCRA - Encl - RAP LIMITS

LEGEND

- HEAVY-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- TEMPORARY PAVEMENT
- RTG RUNWAY BEAM
- SEEDED AREA

NOTES

1. LEGEND SHOWS ALL PAVEMENT TYPES FOR THE PROJECT. ALL TYPES SHOWN IN LEGEND MAY NOT APPEAR IN PLAN.
2. SEE DRAWINGS 03-CI-5501 THRU 03-CI-5502 FOR PAVEMENT TYPE DETAILS.

90% PROGRESS SET
NOT FOR CONSTRUCTION

0 150' 300' 450'
1" = 150'

NO.	DATE	DSGN	CHK	APVD	REVISION
B	07.15.26	A. DUBOSE	A. RANJAN	B. RAHIMZADEH	90% POST QC PROGRESS SET
A	06.25.26				90% PROGRESS SET

BY	APVD
AR	MS
AR	MS
	M. SHEELEY

DELAWARE CONTAINER TERMINAL
EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

Jacobs
SOLeTAOCHe BACHY INTGRNATIONAL
WALSH
ENSTRUCTURE
DIAMOND STATE PORT CORPORATION

CIVIL
PAVEMENTS
OVERALL LAYOUT PLAN

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	JULY 2026
PROJ	D3958901
DWG	03-CI-2500
SHEET	21

90% PROGRESS SET

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Appendix D
Excavated Materials Handling and Contingency Plan (EMHCP)

Excavation and Materials Handling Contingency Plan (Phase 1)

Date:	February 2026 Revised March 2026 Revised May 2026
Client:	Enstructure DCT LLC/DSPC - a Walsh/SBI JV in contract with Enstructure
Project Name:	Delaware Container Terminal Edgemoor Planning & OR Support
State Permit No.:	HW31B04
US EPA ID No.:	DED000800284
Project No.:	T2484300b
Attention:	Katie Faulkner
Company:	State of Delaware Department of Natural Resources and Environmental Control - Remediation Section
Prepared By:	Jacobs
Document No.:	251117190219_2a8d097c
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1. Introduction

This Excavation and Materials Handling and Contingency Plan (Plan) aims to provide environmental guidance for excavation activities, work in the subsurface environment, and the handling of excavated materials during the development of the Delaware Container Terminal (DCT) at the Former Chemours Edgemoor Plant in Wilmington, Delaware, (Site) during Phase 1 development. This Plan is based on the current understanding of environmental conditions that exist or may be encountered at the Site. It prioritizes onsite reuse by minimizing offsite disposal in accordance with the Department of Natural Resources and Environmental Control (DNREC) Division of Waste and Hazardous Substances, Remediation Section's (DNREC-RS's) Final Decision and Response to Comments (FDRTC or Final Decision) for the Site (DNREC, 2021).

The Plan should be viewed as a living document that is updated, as necessary, when new information concerning the Site becomes available.

1.1 Site Background

The Site consists of the following two tax parcels along Hay Road in Wilmington, Delaware:

1. Tax Parcel Number (No.) 06-153.00-006 (112 acres)
2. Tax Parcel No. 06-153.00-003 (2.08 acres)

Both tax parcels are regulated under the *Resource Conservation and Recovery Act's* (RCRA's) Facility Program, as administered by DNREC. The smaller parcel was previously part of the DNREC-RS's Voluntary

Cleanup Program, identified as Program Identification (ID) No. DE-1489, but was transferred to DNREC's RCRA Program on May 7, 2015. Both parcels are now identified as part of the Former DuPont Edge Moor RCRA Facility with U.S. Environmental Protection Agency (EPA) ID No. DED000800284. A Post-Closure Care Plan (PCCP) (PCCP State Permit No. HW31B04) is in place for four surface impoundments on the larger tax parcel, identified as RCRA Solid Waste Management Units (SWMUs) 6A, 6B, 6C, and 6D (identified as Zone 1A in this Plan). In Zone 1, the Site is regulated by Title 40 *Code of Federal Regulations* (CFR) 1910.120(a)(1)(ii), Hazardous Waste Operations and Emergency Response (HAZWOPER), in accordance with the Occupational Safety and Health Administration (OSHA). If Zone 2 materials are found to be impacted based on the criteria specified in Section 3 of this report, areas within Zone 2 will be managed and regulated in the same manner as Zone 1.

The larger of the parcels contains the former Chemours Edgemoor Plant, which operated as a pigment manufacturing facility from 1931 until 2016 and produced titanium dioxide, titanium tetrachloride, and ferric chloride (Verdantas 2023). This industrial use resulted in the establishment of several RCRA SWMUs in addition to Zone 1A (SWMUs 6A to 6D) (Attachment 1). Per the Final Decision, certain SWMUs have been investigated and determined to have acceptable risk, while others require management in accordance with this Plan. This Plan groups SWMUs in zones, per the status described in the Final Decision. However, excavation and subsurface work within any SWMU should proceed with caution and appropriate contingency planning. Areas outside the SWMUs have not been investigated, and conditions are unknown. Excavation and subsurface work at the Site are to proceed with continuous monitoring for environmental conditions of concern.

The smaller, 2-acre parcel, contains a portion of the former Holland Mulch Site (HMS). The HMS was once part of an oil recycling facility. Manufacturing activities are not known to have occurred on this parcel (Verdantas 2023). Based on previous investigations of this parcel, anticipated environmental conditions of concern are soil impacted by benzo(a)pyrene and arsenic and groundwater impacted by trichloroethylene. The HMS site is not part of current plans for Site redevelopment (other than use for parking/temporary trailer office space), and no soil-disturbing activities are anticipated.

1.2 Plan Limitations/Updates

This version of the Plan is an update of the August 2023 Plan[1], which was prepared by Verdantas and approved by DNREC in September 2023 and was later revised by Verdantas in April 2025 to address only demolition-phase activities at the Site.

This current Plan addresses excavation and subsurface work during the Phase 1 development of the DCT, including the installation of a Sediment and Stormwater Management Plan (Attachment 2). The limit of disturbance in Phase 1 does not include RCRA SWMUs 6A, 6B, 6C, or 6D (all part of Zone 1A of material management). These areas will not be disturbed during Phase 1 of construction; therefore, the management of materials in Zone 1A is not part of this Plan.

2. Summary of Site Environmental Information

Before Jacobs, Verdantas (formerly Duffield Associates) was contracted by Diamond State Port Corporation to undertake previous planning, permitting, regulatory approvals, design, and project support. Verdantas is currently contracted with Diamond State Port Corporation to support the DCT's development.

[1] Excavation and Materials Handling and Contingency Plan, August 2023, prepared by Verdantas and approved by the State of Delaware, DNREC by correspondence dated September 26, 2023.

Additional consultants, including Parsons and Dupont Corporate Remediation Group, also performed Site investigations.

For this Plan, the Site has been divided into the following four zones based on historical uses, reported environmental issues, and potential risks to human health and the environment posed by those environmental issues:

- Zone 1A: RCRA SWMU 6 areas that require further action or may contain waste
- Zone 1: SWMUs that require further action or may contain waste
- Zone 2: Areas determined to have acceptable risk
- Zone 3: Soils in contact with groundwater

Excavation work in Zone 1 will likely encounter substances of environmental concern. While Zone 2 has a status of having acceptable risk, unanticipated environmental conditions may be encountered during excavation. If excavations extend into Zone 3, worker contact with substances of environmental concern is likely. Attachment 1 shows Zones 1 and 2, including the SWMU locations.

As part of the RCRA Part B Permitting Process in 1986, EPA and DuPont developed a list of 29 SWMUs at the Site. By 2001, a Consent Order was issued by the Superior Court of State of Delaware requiring DuPont to obtain a RCRA Corrective Action Plan (CAP) and address previously identified SWMUs. By January 2002, a Closure Plan was submitted to DNREC for Solid Waste Impoundments A, B, C, and D, identified as SWMU 6, which described a plan to neutralize and stabilize waste onsite and then cover the stabilized waste with a geosynthetic liner. The PCCP was approved by DNREC in April 2003, and by March 2004, the closure of the impoundments was completed. This area is identified as Zone 1A.

DuPont and a prior Consultant (Parsons) prepared a facility-wide CAP (DuPont 2003) and performed two RCRA facility investigations (DuPont 2009 and Parsons 2011), a risk analysis (Parsons 2013), and a Corrective Measures Study (Parsons 2013) to determine the status of the SWMUs, apart from SWMU 2 and SWMU 6.

Decision-making for SWMU status was based, in part, on a human health risk analysis by Parsons for contaminants of concern (COCs) in soils within certain SWMUs at concentrations that required further risk assessment (Parsons 2013). Parsons calculated total cancer risk (CR) and total Hazard Index (HI) for industrial worker and construction worker exposures to COCs in soils within these SWMUs at the Site. The results were compared to DNREC's acceptable risk level of 1.0E-05 and HI of 1 (Table 1).

Table 1. Total Excess Cancer Risk Characterization Results (Parsons 2013)

SWMU	Industrial Worker CR	Construction Worker CR	HI
SWMUs 1 and 3	3E-06	7E-07	0.96
SWMU 4	2E-06	3E-08	N/A
SWMU 5	8E-06	3E-06	0.1
SWMU 18	1E-06	2E-08	N/A
SWMU 20	N/A	-N/A	0.0006
SWMU 23	N/A	3E-07	0.037
SWMU 27	N/A	3E-08	N/A

N/A = not applicable

As the results indicate, the total excess CRs estimated for industrial and construction workers under the Reasonable Maximum Exposure scenario in SWMUs 4, 5, 18, 20, 23, and 27 and under the Central

Tendency exposure scenario (that is, mean) for SWMUs 1 and 3 are less than the regulatory levels of 1.0E-05 and 1 for cancer and non-cancer risks. Therefore, the estimated exposure is not expected to result in unacceptable risks for these receptors. The human health risk assessment was performed assuming an industrial worker will work 8 hours, 20 days per year, and a construction worker will work 24 hours per day, 7 days per week, 50 weeks per year. The exposure factors used in the risk assessment are the default values published in the Office of Solid Waste and Emergency Response Directive 9200.1-120 titled *Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors,* dated February 6, 2014 (EPA 2014).

The exposure assumptions used in the risk assessment must not be exceeded. If working hours deviate from the assumptions used in the risk calculation, the risk assessment will be reevaluated to determine whether the risk to workers changes with the change of exposure duration. If a change of exposure assumptions occurs, DNREC-RS will be informed, and the risk assessment results will be discussed with, and approved by, DNREC-RS before work within such areas continues.

The following terms are used throughout this Plan:

- Competent Person: Someone who is aware of the Site hazards, aware of Site history, onsite during soil-disturbing activities for monitoring, authorized to stop work, and trained to recognize and react to conditions of environmental and human health concern in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER).
- Environmentally impacted materials: Materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns.

2.1 Zone 1/Zone 1A: Solid Waste Management Units That Require Further Action or May Contain Waste

This section describes SWMUs in Zone 1 and Zone 1a that require further action or may contain waste.

2.1.1 Zone 1A: Solid Waste Management Unit 6 Areas that Require Further Action or May Contain Waste

SWMUs 6A, 6B, 6C, and 6D areas are considered a part of Zone 1, but have special requirements, so are labeled Zone 1A. No Site work will occur in Zone 1A during Phase 1 of construction. This Plan will be updated to address activities in Zone 1A at a later date.

2.1.2 Zone 1: Solid Waste Management Units that Require Further Action or May Contain Waste

Based on the findings from prior investigations and assessments, except for SWMU 6, the following SWMU identified on the Site requires further action:

- SWMU 1: Wastewater Treatment System - surface water only
  - Recommendations for the handling of SWMU surface water are discussed in Section 5.2 and shown on the Surface Water Testing Decision Matrix in Attachment 3

Based on the findings of prior investigations and assessments, the soils outside SWMU 2 have special testing and disposal requirements because of elevated levels of lead (refer to Section 5.1.4.2).

Attachment 1 shows these soils as SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, along the western and eastern edges of SWMU 2.

The following SWMUs received no further action and have acceptable risk but were identified as potentially containing waste material:

- SWMU 4: Former Trash Landfill
- SWMU 5: Waste Settling Area
- SWMU 20: Former Fuel Oil Aboveground Storage Tanks

Assessments of subsurface conditions in the SWMU 4 and SWMU 5 areas have indicated COCs are present in Site soils, but at concentrations that were determined acceptable under construction worker and industrial worker exposure scenarios. An assessment of subsurface conditions in SWMU 20 had a limited analytical program, and SWMU 4 soils reportedly were placed in SWMU 20 in 2005, so results of the risk assessment are assumed to not fully represent environmental conditions.

2.2 Zone 2: Areas Determined to Have Acceptable Risk

Zone 2 consists of Site areas that are outside the bounds of SWMU 6 and the four SWMUs listed in Zone 1. In accordance with the FDRTC, the areas outside Zone 1 reportedly present no conditions of concern to human health, but a sitewide characterization of soils was not performed. The following SWMUs have acceptable risk; however, the potential to encounter environmental concerns may occur during Site-disturbing activities:

- SWMU 1: Wastewater Treatment System (sediment only)
- SWMU 2: Pond E (Effluent Holding Basin) (sediment and surface water only)
- SWMU 3: Waste Mixing Area and Split Box
- SWMU 7A: Building 23 Polychlorinated Biphenyl (PCB) Storage Area
- SWMU 7B: Kiln 2 PCB Storage Area
- SWMU 8: Former Less-Than-90-Day Hazardous Waste Accumulation Area
- SWMU 9: Hazardous Waste Accumulation Pad
- SWMU 10: Eastern Shore Area
- SWMU 11: Drainage Culvert
- SWMU 12: Emergency Overflow Basin
- SWMUs 13A and 13B: Process Sewers
- SWMU 14: Underground Pipelines
- SWMU 15: Former Unpaved Ditch
- SWMU 16: Scrap Metal Area
- SWMU 17A: Former Underground Storage Tanks (USTs) - 1, 2, 3, 4, B, C, F, and G
- SWMU 17B: Former USTs - 6, 7, 8. 1, J, K, and L
- SWMU 18: Iron-Rich Staging Area
- SWMU 19: Iron-Rich Filter Press Building
- SWMU 21: Copper Vanadium Sludge Pad
- SWMU 22: Ferric Chloride Tank Truck Loading Spot
- SWMU 23: Recovered Ore Storage Area
- SWMU 24: Oil-Water Separator/Skimmer
- SWMU 25: Ferric Chloride Railcar Loading Area
- SWMU 26: Titanium Dioxide Railcar Loading Area
- SWMU 27: Fuel Oil-Stained Soil
- SWMU 28: Caustic Storage Area
- SWMU 29: Southland Tank
- HMS

2.3 Zone 3: Materials Within the Groundwater Table

Site groundwater was encountered between 12 and 31 feet below ground surface. According to environmental assessments at the Site and as summarized in the FDRTC, a clay unit is present near the surface that limits the extent of a shallow permeable unit, and groundwater is not present within the shallow zone of most of the Site. Analytical results for groundwater samples from across the Site indicated metals are the primary constituent of concern.

3. Excavation and Subsurface Work

Regulatory agency notification requirements vary by zone. The Site Owner or authorized representative must proceed with caution for excavation work in SWMUs that Require Further Action (Zone 1). Before subsurface work begins in Zone 1, Contractors should review the following documentation for additional background and substances of concern identified in the SWMUs:

- FDRTC (DNREC, 2021).
- Statement of Basis and Corrective Action Permit (DNREC, 2021).
- Previous Phase I and Phase II RCRA Facility Investigations (Dupont 2009 and Parsons 2011).
- Draft Risk Analysis prepared by Parsons on behalf of DuPont (Parsons, 2013).

Excavation work is not anticipated to occur within the groundwater table (Zone 3) during the first phase of Site excavation and grading activities. Section 5 provides guidance regarding the handling of excavated materials.

Environmentally impacted materials are defined as materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns. The location where the potentially environmentally impacted materials will be stockpiled is identified on the center portion of the Site to the west. This proposed stockpile location is paved. There is also a stockpile location at the southern end of the Site that is on an area of deteriorating pavement. This area may also be used to pile potentially environmentally impacted materials as long as the area is lined with polyvinyl plastic sheeting and the stockpile is covered with the sheeting. The stockpile on the northern end of the Site will not be used for potentially environmentally impacted materials and is on a pervious surface.

3.1 Zone 1: Solid Waste Management Units That Require Further Action or May Contain Waste

Excavation work in Zone 1 will be performed by personnel trained to recognize and react to conditions of environmental and human health concern, in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). A Competent Person must screen the excavation and excavated materials for conditions of potential concern using handheld instrumentation, including a photoionization detector (PID) with a 10.6-electron-voltage lamp energy, a flame-ionization detector (FID) or an x-ray fluorescence instrument, and a combustible gas meter. Visual observations will also include review for non-water liquids, solid waste, odors, and soil discoloration/staining while work is in progress.

The Competent Person must be aware of the Site hazards and Site history, and they must be onsite during soil-disturbing activities for monitoring, authorized to stop work when environmental conditions appear to pose a threat to human health or the environment that the workers at the Site are not prepared to address, and trained to recognize and react to conditions of environmental and human health concern in

accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). At a minimum, excavation workers and the Competent Person engaged to screen excavating activities must wear Level D personal protective equipment (PPE) at the start of work. If screening results indicate that additional protection is warranted, workers will upgrade to Level C protection or cease work until conditions are further assessed. Based on the findings from prior investigations and assessments, Level C PPE is required during the excavation of materials with known hazardous concentrations of lead outside SWMU 2 (Attachment 1). Section 6 discusses worker health and safety in more detail.

Materials excavated in Zone 1 will be considered environmentally impacted (as defined at the beginning of this section). As such, excavated materials should be deposited on top of plastic sheeting (at Least 10 millimeters thick) and securely covered with plastic sheeting (at least 10 millimeters thick) at the end of each workday, or the materials should be placed in storage containers lined with plastic and covered with tarps at the end of each workday. The covering plastic should be anchored with weights or other restraints to ensure that it will remain in place in case of strong winds.

Before subsurface work takes place in Zone 1, Contractors and the Competent Person should review background information on SWMUs and potential substances of concern. At a minimum, during subsurface work, the Competent Person should be able to identify wastes in materials excavated from the SWMUs that differ from understood environmental conditions. If no substantial differences are identified and no waste is present, SWMUs can be backfilled with excavated materials.

SWMUs 4, 5, and 20 were identified as potentially containing waste. Materials excavated from these areas may contain solid wastes, titanium dioxide pigment, waste solvents, sulfate sludge, and iron-rich wastes. SWMU 20 will be disturbed during Phase 1, and SWMUs 4 and 5 will be partially disturbed during Phase 1. Similar to the handling of other excavated materials onsite, the results of the material characterization analyses for these soils from SWMU 4, 5, and 20 will be compared to State criteria for categorizing hazardous wastes and treatment or disposal facility acceptance criteria. If these soils are found to be hazardous, the material requires disposal at a hazardous waste landfill. If the soils are not hazardous, the material may be disposed of at a qualified landfill facility or reused within the same area of the Site. If the material is being disposed of, the application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment or disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

RCRA SWMU Areas 6A, 6B, 6C, or 6D were also identified as containing waste and are part of Zone 1A, but will not be disturbed in Phase 1, and therefore management of materials in these SWMU areas will be provided at a later date.

Precautions must be taken, including using diversionary berms, to prevent stormwater runoff from entering excavations or stockpiles of excavated materials. Open excavations must be covered (with support) or lined with plastic sheeting to minimize the potential for precipitation to directly contact subsurface materials. If the excavation is lined and stormwater accumulates on the liner, the Competent Person will review the accumulated stormwater for indications of substances of concern, such as visible free-phase liquids on top of the pooled stormwater or visibly suspended sediment, before work resumes. If visible indications of concern are present, the accumulated water will be pumped from the excavation into containers of adequate volume and held for further assessment. If no visible indications of concern are present, accumulated water will be pumped from the excavation and discharged to the ground surface near the excavation.

If excavated materials exhibit different environmental conditions than what was previously identified, the stockpiled materials will be tested to evaluate material-handling requirements based on reported results (Attachment 3 provides a detailed decision matrix about when sampling and testing are required).

Excavated materials from specific Zone 1 locations will not be removed from that Zone 1 location or removed from the Site without an appropriate assessment of the environmental characteristics, including sampling and analytical testing. Section 5 provides additional guidance regarding handling excavated materials.

Based on the findings of prior investigations and assessments, soils outside SWMU 2, specifically soil sample locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-SO-D4, were identified with lead concentrations that exceeded the DNREC Screening Level of 400 milligrams per kilogram (Attachment 1). One sample, SWMU2-D0-D4, from 4 to 6 feet below the ground surface, was also reported with a Toxicity Characteristic Leaching Procedure (TCLP) concentration that exceeded the regulatory limit, so the soils in this sampling area are classified as hazardous if excavated. Currently, this area is secured and fenced, prohibiting unauthorized contact with the soil.

Before earth-disturbing activities begin, lead in the soils outside of SWMU 2 must be delineated, and DNREC-RS must be notified if grading activities require excavation in these areas. If earth-disturbing activities are not taking place in these areas as part of the Site's redevelopment, 2 feet of clean soil with an impervious liner will be placed over the areas with elevated lead concentrations to prevent human contact with the soil. This soil, with impervious liner, will remain as an interim layer before the final asphalt cap This recommendation is consistent with the RCRA Corrective Measures Remedy established in the FDRTC document, which identified capping as the primary measure to mitigate exposure to Site soils.

Soil in the areas outside of SWMU 2 where earth-disturbing activities are anticipated require DNREC-RS notification and correspondence; specifically, soil sample locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, where lead was reported at concentrations that exceeded DNREC Screening Levels. The delineation of lead concentrations exceeding the DNREC-RS Screening Level of 400 milligrams per kilogram is required before earth-disturbing activities. Where Lead concentrations are identified exceeding the Screening Level, TCLP testing is required for hazardous classification of the soils. Work that follows excavation, such as installing conductors or pipes, must be performed by workers appropriately trained for the actual conditions exposed by excavation. The Competent Person will screen the excavation to assess the location specific risk to worker health for the activities planned.

Most excavation work, bulk grading, utility installation, and sediment and stormwater control installations likely to occur in Zone 1 are not anticipated to intercept the groundwater table or require excavation below the groundwater table. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage the groundwater.

There are areas at the bank of the Delaware River, some within the tidal range elevations that include grading. These areas are mainly filled with minimal excavation to recontour before placing engineered fill for the bulkhead tieback supports. There is potential to encounter water during this work at or near the water edge. This water is hydraulically connected to the river and would not be considered groundwater, so would not need to be managed as such. If water encountered here during excavation is suspected of being groundwater (perched higher than the tidal elevation range), it will be managed as stated previously.

3.2 Zone 2: Areas Determined to Have Acceptable Risk

Excavation work in Zone 2 is anticipated to have low potential of encountering regulated substances at concentrations that are of potential human health or environmental concern. A Competent Person will monitor excavation work for indications of environmental or health concerns. The Competent Person must be aware of the Site hazards and Site history, and they will be onsite during soil-disturbing activities for monitoring, authorized to stop work when environmental conditions appear to pose a threat to human health or the environment that the workers at the Site are not prepared to address, and trained to recognize and react to conditions of environmental and human health concern in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). The Competent Person will be equipped with instruments that can detect organic vapors and potentially combustible vapors to monitor conditions exposed during excavation. Section 6 discusses worker health and safety in more detail.

Materials excavated in Zone 2 will remain onsite and be used as fill near the location and within the zone they are excavated from unless screening indicates the potential for regulated substances to be present in the soils at concentrations of concern or the material appears to be environmentally impacted (refer to the definition in Section 2). Such indications would include chemical or petroleum odors, visible discoloration, and instrument readings greater than ambient atmospheric readings. In response to such observations, the excavated material will be sampled and tested to determine appropriate management options for the materials. Attachment 3 describes the decision matrices that can help determine when sampling and testing are required for soils, concrete/crushed stone/other materials, and groundwater.

If screening suggests the presence of substances of concern, such as chemical or petroleum odors, visible discoloration, and instrument readings greater than ambient atmospheric readings, subsurface work in that area must be stopped. Any evidence of a release during land-disturbing activities will require the Competent Person, or Owner's Representative, to notify the DNREC-RS within 24 hours using the 24-Hour Release Hotline (800-662-8802). Land-disturbing activities may continue on another part of the Site as long as it is not immediately adjacent to the area where there is evidence of a release. If evidence of a release is encountered at the new work area, work must again stop, and excavation activities must be moved elsewhere onsite where no evidence of a release is apparent. Evidence of a release includes, but is not limited to, the appearance of a sheen, soil staining, or odors characteristic of hazardous substances; buried materials that may contain hazardous substances; or presence of free product. Refer to DNREC-RS's *Guidance for Notification Requirements, and HSCA Reporting Level Table* document for more information (DNREC-RS 2025) in Attachment 4.

Most demolition activities, bulk grading, utility installations, and sediment and stormwater control installations are likely to occur in Zone 2 and are not anticipated to intercept the groundwater table or require excavation below the groundwater table, based on available information about the probable depths of groundwater at the Site.

3.3 Zone 3: Materials Within the Groundwater Table

Most work activities likely to occur in Zones 1 and 2 are unlikely to intercept the groundwater table, based on available information about the probable depths to groundwater and current construction plans. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage groundwater. Attachment 3 includes a decision matrix about when to sample groundwater. As noted in Section 3.1, there is potential to encounter tidal water during work at or near the water edge that is hydraulically connected to the river, but it is not considered groundwater and does not need to be handled as such.

4. Underground/Aboveground Utility and Storage Systems

Numerous underground, privately maintained, utility systems are present at the Site, including the following:

- High-voltage electricity lines
- Natural gas lines
- Steam and condensate lines
- Fire mains
- Potable water pipes
- Sanitary/industrial wastewater sewers and appurtenances
- Storm sewers, culverts, and appurtenances
- Pipelines that formerly conveyed materials from aboveground and underground storage
- Tanks to end use locations
- Former USTs that were abandoned-in-place

The facility has undergone multiple renovations during its period of use, which may have resulted in several generations of underground utility systems. The currently understood locations of utility systems are shown on design drawings. The utility locations on these drawings may not depict all buried utilities at the Site. Persons engaged in excavating or intrusive activities must work with care and caution during removal of existing utility systems unless they are designed to temporarily remain to minimize potential danger to themselves, coworkers, and the environment.

Persons responsible for excavation (Contractors, Consultants, or Owner) will request public utility clearance through the Miss Utility service. The Owner will arrange for marking and clearing private utilities within the work area. This effort may be performed by the Owner or a Contractor engaged for the purpose. These utility markouts and clearances will be completed before excavation starts, and the information will be reviewed with the persons responsible for excavation before excavation starts.

If USTs or associated piping is encountered during subsurface work, Contractors will immediately notify the Competent Person or Owner's Representative. The Competent Person or Owner's Representative will, in turn, notify DNREC-RS and DNREC-Tank Management Section. A licensed UST removal contractor will be engaged to properly drain, clean, remove, and dispose of encountered UST system components in accordance with the Delaware regulations governing UST Systems. Personnel should also consider that Site USTs may contain substances other than petroleum products and additional regulations may apply.

5. Materials Management

This section discusses materials management.

5.1 Soil and Sediment

Soils and other materials excavated on the Site will remain onsite for reuse as fill or until they are appropriately assessed for offsite reuse, treatment, or disposal. However, every effort will be made to reuse excavated materials onsite before offsite disposal opportunities are considered. Attachment 3 contains a decision matrix to help assess whether materials (soil, sediment, surface water, groundwater, and concrete/crushed stone/other materials) require sampling and testing.

The Competent Person reviewing the excavation will use the screening information gathered during excavation to assess whether excavated materials may be used as backfill at the location of the work. For instance, excavated materials without indications of environmental impact (visible discoloring, obvious

chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material) would be considered environmentally suitable for use as backfill. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns. Additionally, impacted soils excavated from areas within Zone 1 may be used as backfill at the same source locations from where they were excavated as long as materials appear to be similar to those described in prior investigations at the Site. Soil and vegetative covers will be replaced where necessary in Zone 1.

At a minimum, the Competent Person will consider the following criteria when assessing the environmental suitability of the excavated materials for use as backfill:

- Zone or SWMU where excavation is taking place
- Distance between the bottom of the excavation and the estimated groundwater
- Relative permeability of soil(s) present (gravel, sand, silt, or clay)
- Purpose of the excavation
- Ground cover that will be placed over the excavation

Erosion and sediment control measures will be established before Site-disturbing activities begin. These measures will conform to a Sediment and Stormwater Management Plan provided by Jacobs (Attachment 2), once approved by DNREC.

When a decision has been made to temporarily store excavated materials, the materials will be transported to the prepared storage area or storage containers. Separate storage areas or containers will be provided for each zone and excavation location. While excavated materials are placed in the storage area, they will not be allowed to cover the peripheral berms of the storage area or spill over the sides of storage containers. The stored materials will be covered with plastic sheeting or tarps at the end of excavating activities or the end of each workday, whichever occurs sooner. Sufficient weights will be placed on the plastic cover to hold it in place in case of windy conditions or precipitation.

In addition, a soil and waste tracking log will be used to track the origin, quantity, and date that the excavated materials are placed into storage (Attachment 5). The log will detail the original SWMU area that the soils in storage originated from, along with details about characterization sampling if performed, included the type of analysis performed and the laboratory used.

When excavation and material additions to the storage site are completed, stored materials will be handled in accordance with the sampling and testing decision matrix in Attachment 3.

5.1.1 Testing for Onsite Soil Reuse (Preferred Method of Materials Management)

Soil characterization testing will be performed for onsite reuse when soils exhibit environmental impacts or to allow for unrestricted use between Zones 1 and 2. Sampling frequency will conform to the DNREC's *Guidance for Soil/Material Re-Use by the Hazardous Substance CLeanup Act (HSCA),* dated May 2023. If the materials are planned for reuse onsite, the laboratory will be requested to perform the following initial analyses:

- Grab samples:
  - Target Compound List (TCL) Volatile Organics +10 by EPA Method SW-846 8260B
  - pH by EPA Method SW-846-9045C
  - TCL Semivolatile Organics +15 by EPA Method SW-846 8270C
  - TCL Pesticides by EPA Method SW-846 8081A
  - Total PCBs by EPA Method 680 (only when iron-rich material is present)

- Total Dioxins and Furans by EPA Method 1613 (only when iron-rich material is present)
- Target Analyte List Inorganics by EPA Methods SW-846 6020B and 7471A
- Total Cyanide by EPA Method 9010

The results of these analyses will be compared to regulatory standards, as appropriate, for the intended use location. The testing results and comparison information will be summarized in a brief report and submitted to DNREC for review. The report will contain a recommendation that either the materials be released from storage for reuse onsite or it be further assessed. With the concurrence of DNREC-RS, the materials will either be reused onsite or remain in storage until an appropriate end use (reuse, treatment, or disposal) is identified.

5.1.2 Testing for Onsite Concrete/Crushed Stone/Other Similar Material Reuse (Preferred Method of Materials Management)

Concrete, crushed stone, or other similar material will be tested for onsite reuse when concrete exhibits environmental impact or to allow for unrestricted use between Zones 1 and 2. Sampling will conform to DNREC (2023). If the materials are planned for reuse onsite, the laboratory will be requested to perform the following initial analyses:

- Grab samples:
  - TCL Volatile Organics +10 by EPA Method SW-846 8260B.
  - pH by EPA Method SW-846-9045C
  - TCL Semivolatile Organics + 15 by EPA Method SW-846 8270C
  - Total PCBs by EPA Method 680
  - Target Analyte List Inorganics by EPA Methods SW-846 6020B and 7471A
  - Total Cyanide by EPA Method 9010

The results of these analyses will be compared to regulatory standards, as appropriate, for the intended use location. The testing results and comparison information will be summarized in a brief report and submitted to DNREC for review. The report will contain a recommendation that either the materials be released from storage for reuse onsite or be further assessed. With the concurrence of DNREC-RS, the materials will either be reused onsite or remain in storage until an appropriate end use (reuse, treatment, or disposal) is identified.

5.1.3 Testing for Offsite Reuse

If the project requires that excavated materials cannot be reused at the area of excavation and offsite reuse may be an option, the laboratory will be requested to perform a suite of analyses similar to those listed is Section 5.1.1 and 5.1.2 for onsite reuse and in accordance with DNREC (2023).

5.1.4 Testing for Treatment or Disposal

The following describes testing for treatment of disposal.

5.1.4.1 Excavated Materials

If the excavated materials cannot be kept onsite and screening indicates substantial environmental impacts, the Laboratory will be requested to perform the following initial analyses or the analyses requested by the potential treatment or disposal facility when the source of the substances of concern is not apparent or is unknown:

- Grab samples:
  - TCL Volatile Organics by EPA Method SW-846 8260B
  - Diesel Range Organics by EPA Method SW-846 8015B
  - Gasoline Range Organics by EPA Method SW-846 8015B
  - Total Metals (Arsenic, Antimony, Barium, Beryllium, Cadmium, Chromium, Hexavalent Chromium, Copper, Mercury, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, and Zinc) by EPA
  - Methods SW-846 6020B and 7471A
  - Total PCBs by EPA Method SW-846 680
  - Ignitability in accordance with 40 CFR261.21
  - Corrosivity by EPA SW-846 Chapter 7
  - Reactivity by EPA SW-846 Chapter 7.3
  - Oil and Grease by EPA Method 413.1
  - Total Organic Carbon by EPA Method 415.1
  - Chemical Oxygen Demand by EPA Method 410.1
  - Total Extractable Halides by EPA Method SW-846 9020B
  - Ammonia-Nitrogen by EPA Method 350.2
  - Total Solids by EPA Method 160.3
  - Total Volatile Solids by EPA Method 160.4
  - Paint Filter Liquids Test by EPA Method SW-846 9095A
  - TCLP (Metals, Volatile Organics, Semivolatile Organics, Pesticides, and Herbicides) by EPA Methods SW-846 1311/6010B, 1311/8260B, 1311/8270C, and 1311/8081A/8151A
  - Total Cyanide by EPA Method 9010

The analyses reflect a combination of testing typically requested by treatment and disposal facilities in the region. Where the source of the substances of concern is established, such as petroleum from USTs, characterization testing will be limited to analytes required by the receiving facility.

The results of material characterization analyses will be compared to State criteria for categorizing solid waste or hazardous wastes and treatment or disposal facility acceptance criteria, as appropriate. The application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment of disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

5.1.4.2 Soils Outside of Solid Waste Management Unit 2

Soil in the areas outside SWMU 2 where earth-disturbing activities are anticipated require DNREC-RS notification and correspondence; specifically, soil sample Locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, where lead was reported at concentrations that exceeded DNREC Screening Levels. The delineation of lead concentrations exceeding the DNREC-RS Screening Level of 400 milligrams per

kilogram is required before earth-disturbing activities. Where lead concentrations are identified exceeding the Screening Level, TCLP testing is required for hazardous classification of the soils.

Similar to the handling of other excavated materials onsite, the results of the material characterization analyses for the soils outside of SWMU 2 will be compared to State criteria for categorizing hazardous wastes and treatment or disposal facility acceptance criteria. If concentrations of lead in the soil are hazardous, the material requires disposal at a hazardous waste landfill. If concentrations of lead in the soil are not hazardous, the material may be disposed of at a qualified landfill facility or reused within the same area of the Site. If the material is being disposed of, the application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment or disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

5.1.4.3 Testing for Imported Materials Onsite

Soils imported to the Site will be assessed on a case-by-case basis as to whether environmental sampling is necessary before they are placed. The source location and the approximate volume for imported soils will be provided. Imported materials may not be placed onsite until authorized by the Site Owner and DNREC-RS.

5.1.5 Sediments

SWMUs 1 and 2 are the only locations where sediment is present onsite (other than along the shoreline). SWMU 1 and 2 sediments should be managed as part of Zone 2, in accordance with the results of previous determinations, indicating sediments in these areas do not pose a risk to human health for excavation, composite, or outdoor workers (Table 2). Analytical results for SWMU 1 sediment samples did not exceed the DNREC Screening Levels; therefore, the concentrations of regulated substances in these sediments are considered acceptable to human health.

Table 2. Solid Waste Management Unit 2 Total Excess Cancer Risk Characterization Results

SWMU	Excavation Worker CR	Excavation Worker HI	Composite Worker CR	Composite Worker HI	Outdoor Worker CR	Outdoor Worker HI
SWMU 2	2E-08	0.07	4E-07	0.4	2E-06	0.3

Source: Verdantas 2024

SWMU 1 and 2 sediment may be placed onsite but must maintain a clean soil cover or an impervious cover to minimize the potential for continued drainage of PCBs from the SWMU 1 sediment into the river through the mechanism of stormwater runoff. It is recommended that the SWMU 1 and 2 sediments be buried in the proposed confined disposal facility or disposed of offsite at a permitted landfill.

5.2 Surface Water Management

The surface water within the SWMU 1 and SWMU 2 ponds is considered industrial wastewater. The Contractor may manage surface water using one of the following three approaches:

- Evaporation of Surface Water (SWMU 1, surface water only): It is anticipated that in SWMU 1, standing water would be permitted to evaporate before dewatering activities begin.
- Processing Through New Castle County Sewer System: If the industrial wastewater is present before dewatering, the industrial wastewater may be processed through the New Castle County Sewer System. If this action is deemed necessary, the appropriate approvals from New Castle County are required before discharge.
- Pumping of Surface Water into Vacuum Truck, Treatment, and Offsite Disposal: If the industrial wastewater is present before dewatering, it may be pumped out of the ponded area(s) into a vacuum truck, treated, and disposed of as wastewater offsite. The documentation of proper transportation and disposal is required.

5.3 Groundwater Management

Most work activities in Zones 1 and 2 are unlikely to intercept the groundwater table, based on available information about the probable depths to groundwater and current construction plans. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage groundwater. Attachment 3 includes a decision matrix about when to sample groundwater. If groundwater is encountered, it should be handled according to the guidance in the following sections.

5.3.1 Identification of Contaminated Groundwater

Contractors should assume groundwater encountered at the Site may contain COCs, and workers should wear appropriate PPE and avoid prolonged contact with the water. If indicators of obvious contamination are observed (such as petroleum products, sheen, unusual discoloration, or strong odors), the Contractor will halt work in the affected area and contact the Consultant. The Consultant or DNREC-RS will assess the situation to determine whether work can continue or whether remedial or additional PPE measures (or both) are required.

5.3.2 Management of Nonaqueous Phase Liquids

Nonaqueous phase liquids (NAPL) have not been identified onsite and are not anticipated to be encountered.

However, if NAPL is discovered, Contractors assigned to recover NAPL, such as petroleum products, will collect the NAPL in Consultant-approved containers (sealed drums or tanks). Containers of recovered NAPL will be stored within secondary containment structures for characterization and eventual disposal. Documentation of proper disposal of wastes is required.

5.4 Equipment Decontamination

The Consultant will designate a decontamination area for equipment that is operated within Zone 1. The Contractor will have the appropriate supplies onsite for decontamination, as needed, including a clean water supply, plastic sheeting, oil absorbent pads, and empty sealable drums.

Soil can be washed from equipment using tap water and discharged to the ground surface unless obvious contamination is encountered. Equipment used to handle contaminated materials will be decontaminated on a plastic sheet to collect and containerize the wash water. The equipment will be cleaned using a soap solution and tap water. The wash water will be collected into a drum or tank and labeled with the contents, a description of observed contamination, and the date of the work.

In addition, the Contractor will have a dedicated access/egress for each SWMU and dedicated vehicles working in SWMUs. At each entrance/exit location, the Contractor will use a rock construction entrance (large stone aggregate surface stabilized with a geotextile fabric), along with trackout control mats, which deform tires and release debris and sediment that is lodged between the tire lugs.

6. Worker Hazard Mitigation

This section describes criteria that will guide the Competent Person's recommendations regarding PPE and Site work. This section assumes Contractors engaged to provide services at the Site have their own corporate health and safety plans and will prepare Site-specific health and safety plans. For this Plan, environmentally impacted materials include materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material.

If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns.

6.1 Zone 1: Solid Waste Management Units That Require Further Action or May Contain Waste

Excavation work in SWMUs in Zone 1 will be performed by workers who have been 40-hour HAZWOPER-trained, and the Competent Person will be present during excavation work in SWMUs in Zone 1.

The initial minimum PPE worn by workers who are likely to be in direct contact with excavated materials or subsurface materials will conform to EPA Level D criteria and consist of the following equipment:

- Level D PPE
  - Hard hat
  - Eye protection
  - Disposable gloves
  - Ear protection
  - Work boots with toe protection

A cleaning station will be provided to remove materials that cling to the outer surface of work boots and where workers can wash their hands during breaks and before leaving the work area. No drinking, eating, or smoking will be permitted in the work area.

If work area monitoring indicates a potential breathing hazard is present in the form of organic vapors, workers will be required to wear Level C PPE. Level C PPE will include the equipment required for Level D, plus a disposable coverall suit and use of a full-face negative air respirator with organic vapor cartridges. The full-face coverage provided by the respirator will provide the eye protection specified for Level D PPE. Level C PPE is required during the excavation of soils outside of SWMU 2 where hazardous concentrations of lead are present (Attachment 1).

While work is in progress, the Competent Person will monitor breathing zone atmospheric conditions and atmospheric conditions within the excavation and will screen excavated materials for indications of substance-related hazards. The following criteria indicate the appropriateness of Level D PPE during work:

- PID or FID readings less than 5 units greater than ambient background readings with the meter calibrated to isobutylene
- Combustible gas meter readings less than 10% of the lower explosive limit (LEL) with the meter calibrated to methane and oxygen meter readings between 19.5% and 23%
- Oxygen meter readings between 19.5% and 23%

If PID or FID readings are sustained at 5 deflection units or greater than ambient background readings for more than 30 seconds, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If PID or FID meter readings have returned to levels less than 5 deflection units, the Competent Person will allow work to resume. If PID or FID readings remain greater than 5 deflection units but less than 50 deflection units, the workers will be required to upgrade PPE to Level C. The Competent Person will contact the Site Manager and inform them of conditions encountered and actions being taken.

If oxygen meter readings are between 19.5% and 23%, and combustible gas meter readings exceed 10% of the LEL but remain less than 25% of the LEL, the Competent Person will inform the excavation supervisor and workers of the condition. Work will proceed with caution. If combustible gas meter readings exceed 25% of the LEL for 30 seconds, the Competent Person will require work to cease, confirm potential sources of ignition are de-energized or extinguished, and confirm workers leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If combustible gas meter readings have returned to levels less than 25% of the LEL, the Competent Person will allow work to resume. If combustible gas readings remain great than 25% of the LEL, the Competent Person will contact the Site Manager and inform them of conditions encountered and actions being taken. The Competent Person will continue to periodically monitor the work area with the combustible gas meter for approximately 30 minutes. If readings do not fall to less than 25% of the LEL, the Competent Person will again contact the Site Manager and will contact the Brandywine Hundred Fire Company to inform them of the situation and request assistance. The Site Manager will contact the DNREC Case Manager and inform them about the situation. Work will be halted until the situation can be further assessed and a safe course of action can be planned.

If oxygen meter readings fall to less than 19.5%, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will cautiously return to the work area after 5 minutes and resume monitoring. If oxygen meter readings have rebounded to greater than 19.5%, the Competent Person will allow work to resume and contact the Site Manager to inform them of conditions encountered and actions being taken. If oxygen levels are indicated to remain at less than 19.5% in portions of the work area, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

6.2 Zone 2: Areas Determined to Have Acceptable Risk

HAZWOPER training will not be required for workers engaged in subsurface work in Zone 2, based on the available information, which indicates hazardous substances are not present in these zones at concentrations of concern. However, subsurface work area conditions will be monitored by a Competent Person, who is the developer's representative.

While work is in progress, the Competent Person will monitor breathing zone atmospheric conditions and atmospheric conditions within the excavation and will screen excavated materials for indications of substance-related hazards. The following criteria will be used to assess the appropriateness of the worker protection in use:

- PID or FID readings less than 5 units exceeding ambient background readings and no sustained readings exceeding ambient background with the meter calibrated to isobutylene
- Combustible gas meter readings less than 10% of the LEL with the meter calibrated to methane and oxygen meter readings between 19.5% and 23%
- Oxygen meter readings between 19.5% and 23%

If PID or FID readings are sustained exceeding ambient background readings for more than 30 seconds, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If PID or FID meter readings have returned to ambient background readings, the Competent Person will allow work to resume. If PID or FID readings remain greater than ambient background, the Competent Person will continue monitoring organic vapors for 30 minutes. If the organic vapor readings do not return to ambient background values after 30 minutes, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Competent Person will contact the Site Manager and inform them of conditions encountered and action being taken. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

If oxygen meter readings are between 19.5% and 23% and combustible gas meter readings exceed 10% of the LEL for 30 seconds, the Competent Person will require work to cease, confirm that potential sources of ignition are de-energized or extinguished, and confirm that workers leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If combustible gas meter readings have returned to levels less than 10% of the LEL, the Competent Person will allow work to resume. If combustible gas readings remain greater than 10% of the LEL, the Competent Person will contact the Site Manager to inform them of encountered conditions and actions being taken. The Competent Person will continue to periodically monitor the work area with the combustible gas meter for approximately 30 minutes. If readings do not fall to less than 10% of the LEL, the Competent Person will again contact the Site Manager and halt work until the situation can be further assessed and a safe course of action has been planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

If oxygen meter readings fall to less than 19.5%, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will cautiously return to the work area after 5 minutes and resume monitoring. If oxygen meter readings have rebounded to greater than 19.5%, the Competent Person will allow work to resume and contact the Site Manager to inform them of conditions encountered and actions being taken. If oxygen levels remain at less than 19.5% in portions of the work area, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

7. Emergency Procedures

This section discusses emergency procedures.

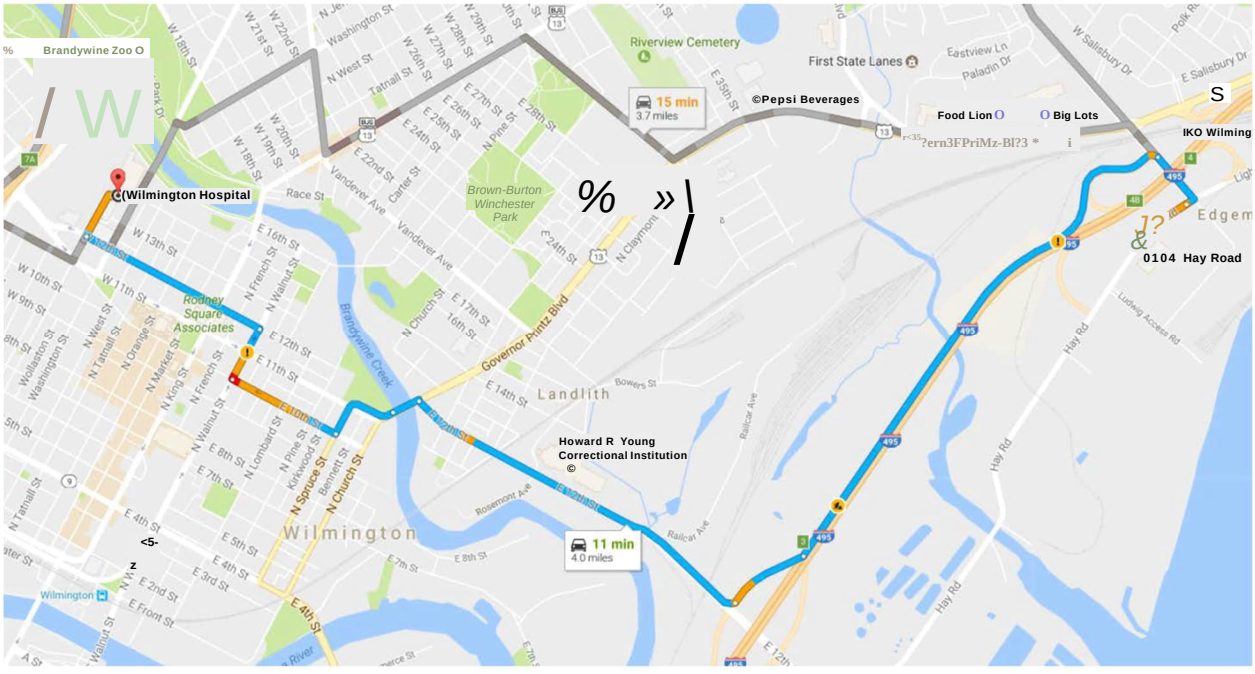
7.1 Possible Fire or Explosion

The Competent Person will notify the proper authorities for emergency response (fire and police personnel). Alert the appropriate regulatory authorities (telephone numbers provided in Section 7.3) and will also notify the Site Manager.

7.2 Personal Injury

Any injured Site worker must seek immediate medical care. If a Site worker is seriously injured, the Competent Person will call an ambulance to transport the individual to the nearest hospital for emergency room care. The nearest hospital to the Site is Christiana Care Wilmington Hospital at 501 W 14th Street, Wilmington, Delaware 19801. Figure 1 shows a route to Christiana Care Wilmington Hospital. The Competent Person will notify the Site Manager of any Site worker who needs medical attention via ambulance or needs to see a medical professional.

Figure 1. Hospital Route



7.3 Emergency Evacuation

In case the Site requires an emergency evacuation, all personnel onsite will stop work immediately, shut off equipment, and assemble at a location designated by the Competent Person. The Site Manager will be notified if Site evacuation is required.

In the case of an emergency, relevant contact information is provided as follows:

- Emergency Telephone Numbers
  - Police/Local, State 911
  - Ambulance 911
  - Brandywine Hundred Fire Company 911
  - Wilmington Hospital (Christiana Care) (302) 733-1000
  - DNREC 24-hour emergency hot line (800) 662-8802
  - Federal
    - National Response Center (800) 424-8802
    - Poison Control Center (800) 222-1222
    - EPA Environmental Response Team (215) 814-5000
- Contact
  - Site Manager
    - Office To be determined

8. List of Environmental Documents

Environmental documents are as follows:

- RCRA Consent Order issued by the Superior Court of State of Delaware requiring DuPont to obtain a RCRA CAP (2001)
- Closure Certification Report for Four Surface Impoundments at the DuPont Edge Moor Facility (May 25, 2004)
- Phase I RCRA Facility Investigation Report for DuPont Edge Moor White Pigment Plant (HW003A16, EPA ID: DED00800284) (April 29, 2009)
- PCCP State Permit No. HW31B04 (March 2010)
- Parsons' PCCP - Addendum 1, Revised Monitoring and Maintenance Plan for the Closed Surface Impoundments at the DuPont Edge Moor Plant (March 2010)
- Policy Soil/Material Re-Use Policy at Hazardous Substance Cleanup Act Regulated Sites (Soil Reuse Policy) (May 2023)
- Holland Mulch Site Phase II Investigation Summary Letter Report (July 26, 2010)
- Phase II RCRA Facility Investigation Report for DuPont Edge Moor Plant (HW-03A16, EPA ID: DED00800284) (March 3, 2011)
- Parsons Risk Analysis for DuPont Edge Moor Site (June 2013)
- Corrective Measures Study for DuPont Edge Moor Site (August 2013)
- Statement of Basis (April 29, 2021)
- Corrective Action Permit (April 29, 2021)
- Final Decision and Response to Comments (FDRTC or Final Decision) (April 29, 2021)
- DNREC-RS' *Guidance for Notification Requirements, and HSCA Reporting Level Table* (January 2013) [Updated December 2025]).
- Verdantas' Solid Waste Management Units 1 and 2 Sampling and Analyses Plan, (November 21, 2022)

- Verdantas' Solid Waste Management Units 1 and 2 Data report (Revised March 2024)
- Verdantas' Excavation and Materials Handling and Contingency Plan, August 2023, (Revised April 2025)

9. Identification of the Competent Person

I, _____ _____, am the designated Competent
(First Name) (Last Name)
Person at the Edgemoor Site.

My role at the Site includes but may not be limited to the following:

- Awareness of the Site hazards
- Awareness of Site history
- Monitoring of onsite materials during soil-disturbing activities
- Having the ability to stop work
- Maintain my certification and ability to recognize and react to conditions of environmental and human health concern in accordance with OSHA's HAZWOPER standard, 29 CFR 1910.120 and 1926.65

Signature of Competent Person: _____

10. References

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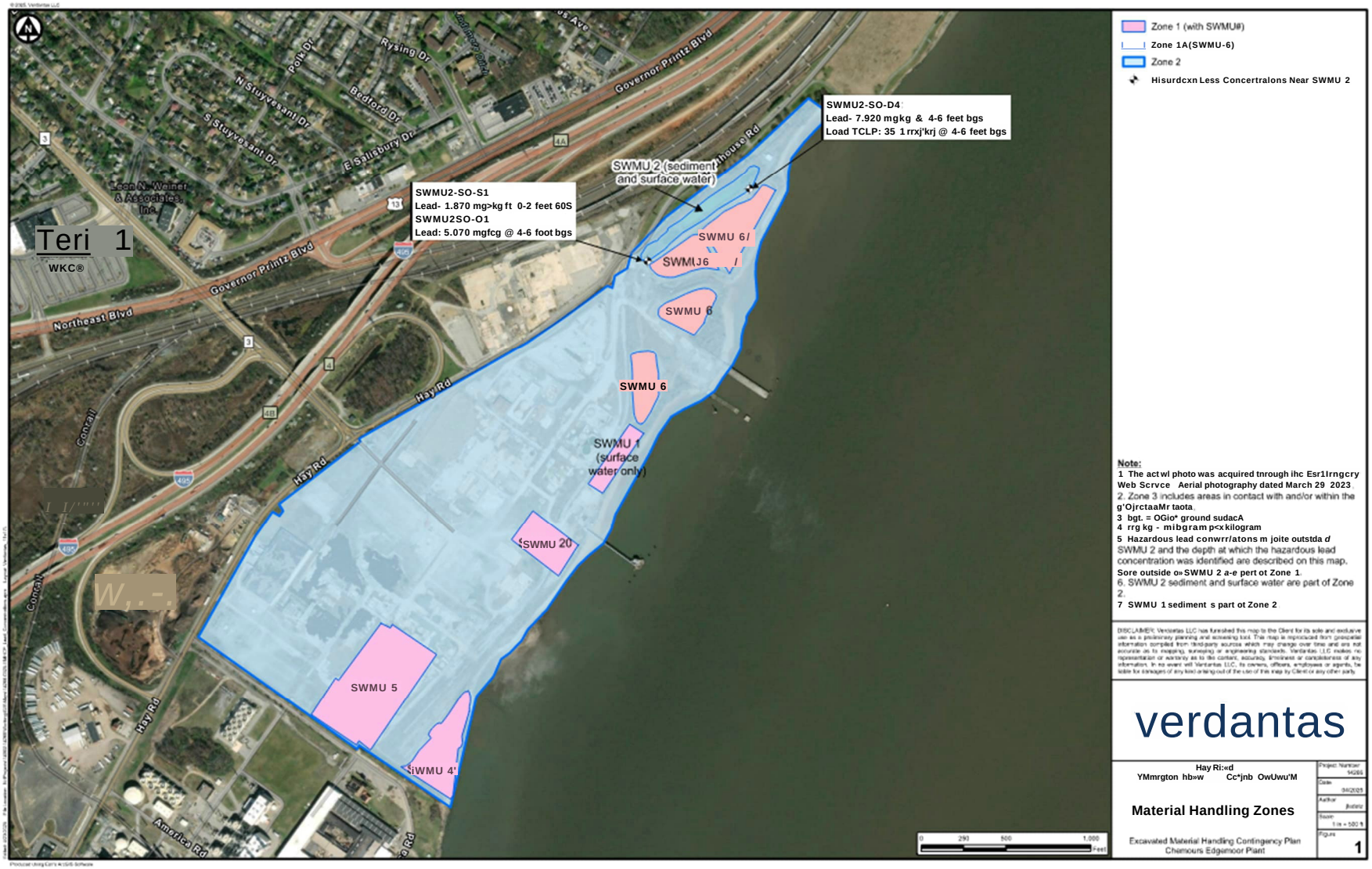
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Attachment 1
Material-Handling Zones

Attachment 1. Material-Handling Zones



Attachment 2
Sediment and Stormwater Management Plan Phase 1 Proof of Concept

ACREAGE BY DRAINAGE AREA	
AREA A	3.43 AC
AREAB	41.53 AC
AREAC	8.92 AC
AREAD	1.95 AC
AREAE	4.67 AC
AREAF	0.71 AC

SEQUENCING NOTES:

1. PRIOR TO ANY EARTHWORK COMMENCING, THE FOLLOWING BMPs SHALL BE INSTALLED:
   - 1.1. ORANGE CONSTRUCTION FENCE
   - 1.2. SUPER SILT FENCE
   - 1.3. STABILIZED CONSTRUCTION ENTRANCE
   - 1.4. CONCRETE WASHOUT
   - 1.5. INSTALL TEMPORARY SEDIMENT BASIN AND RIP RAP OUTLET SEDIMENT TRAPS
   - 1.6. MODIFY GRADING OF SWALES AS NECESSARY TO ACCOMMODATE INTERMEDIATE SITE GRADING.
2. IMMEDIATELY FOLLOWING INSTALLATION OF STORMWATER DRAINAGE INFRASTRUCTURE IN EACH AREA, THE FOLLOWING BMPs SHALL BE INSTALLED:
   - 2.1. FILTER SOCK
   - 2.2. INLET PROTECTION
   - 2.3. OUTLET ENERGY DISSIPATER
   - 2.4. EROSION CONTROL MATTING REQUIRED ON ALL SLOPES GREATER THAN OR EQUAL TO 3:1 SLOPES. SEE DNREC MANUAL FOR CONTROL MATTING TYPES.
3. ALL BMPs SHALL REMAIN IN PLACE UNTIL FINAL PAVING HAS BEEN COMPLETED AND UPON APPROVAL BY ENGINEER.
4. AN EQUIPMENT WASH AND DECONTAMINATION AREAS WILL BE LOCATED AT THE EDGE OF EACH SWMU DURING THE EXCAVATION OPERATIONS.

LEGEND

- DRAINAGE BOUNDARY
- ADJACENT PROPERTY LINE
- EXISTING SURFACE CONTOUR (1.0 FT MAJOR CONTOURS)
- POST CONSTRUCITON SURFACE CONTOUR (1.0 FT MAJOR CONTOURS)
- PROPOSED STOCKPILE LOCATIONS
- PROPOSED STORMWATER DRAINAGE PIPE
- PROPOSED SLOT DRAIN
- SWALE CENTERLINE
- PROPOSED SEDIMENT TRAPS/ SEDIMENT BASIN
- EXISTING SOLID WASTE MANAGEMENT UNITS
- EXISTING SOLID WASTE MANAGEMENT, NFA PENDING ONGOING SAMPLING

PROPOSED RIP RAP OUTLET SEDIMENT TRAP
HAY ROAD
EDGEMOOR ROAD
LIGHTHOUSE ROAD
TEMPORARY PROPOSED STOCKPILE LOCATION
TEMPORARY PROPOSED STOCKPILE LOCATION
PROPOSED RIP RAP OUTLET SEDIMENT TRAP
PROPOSED TEMPORARY SEDIMENT BASIN
RESERVED FOR WHARF CONSTRUCTION
SWMU-1
SWMU-2
SWMU-4
SWMU-5
SWMU-6A
SWMU-6B
SWMU-6C
SWMU-6D
SWMU-20
DELAWARE RIVER

PERMIT SET
NOT FOR CONSTRUCTION

0 200 400 600
1" = 200'

NO.	DATE	REVISION	CHK	APVD
0	01.30.26	ISSUED FOR PERMITTING	L. MARTIN	S. RUTKOWSKI

DSGN	DR	APVD
A. DUBOSE	L. MARTIN	S. RUTKOWSKI

BY	APVD
LM	SR

C. LAWRENCE

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DIAMOND STATE PORT CORPORATION

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EDGEMOOR, DELAWARE
ENSTRUCTURE DCT LLC

SEDIMENT AND STORMWATER MANAGEMENT PLAN - PHASE 1

PROOF OF CONCEPT ATTACHEMENT 1

AS SHOWN
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

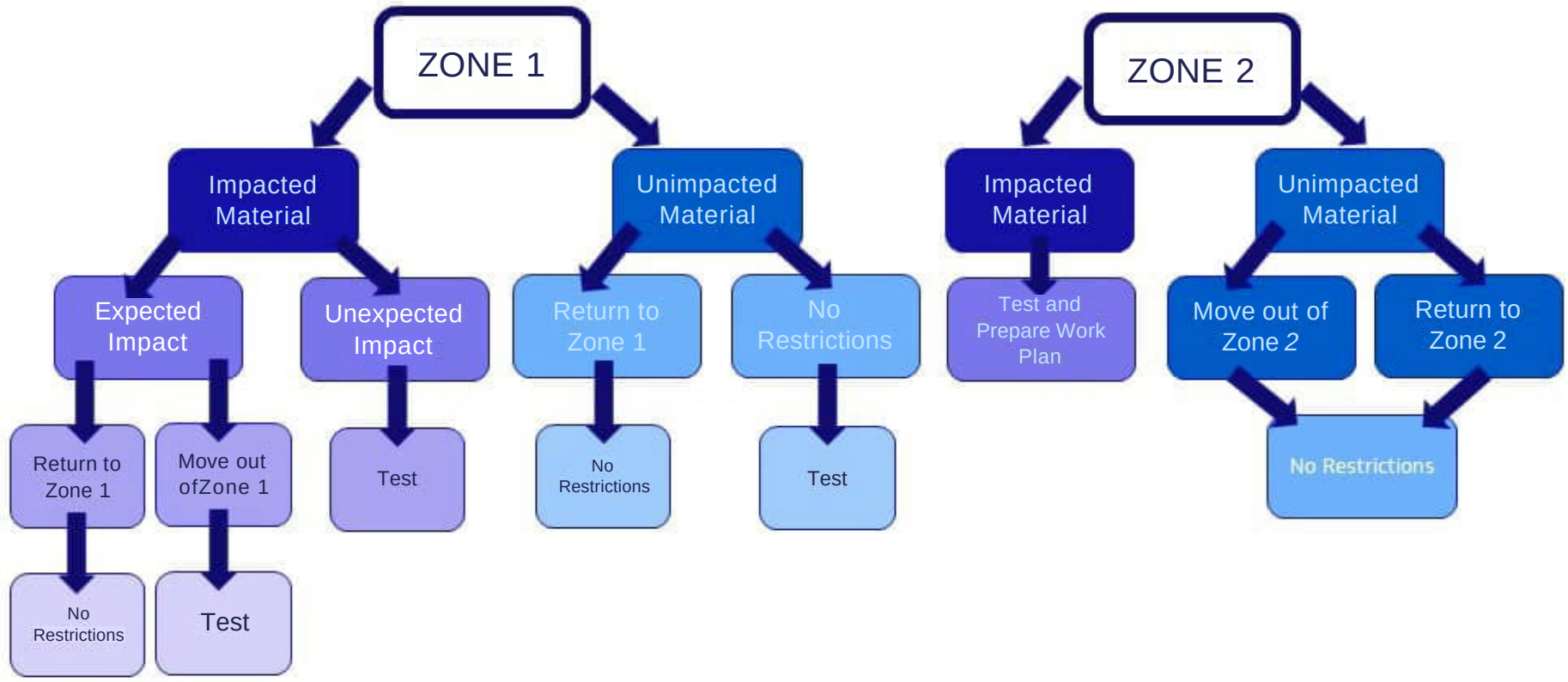
DATE	JANUARY 2026
PROJ	D3958901
DWG	ATTACHMENT 1
SHEET	

FILE PATH: C:\Users\lm038709\DC\ACCDocs\Jacobs\US DE_D3958901_Client_Delaware Container Terminal\Project Files\30 WIP\31 SHEETS\98 Permits\DNREC\SESC
FILE NAME: EXCAVATED MATERIALS HANDLING PLAN_PH1.dwg PLOT DATE: 1/30/2026 PLOT TIME: 4:32:45 PM

Attachment 3
Soil, Concrete, Groundwater, and Surface Water Sample Testing Decision Matrices

Attachment 3. Soil, Concrete, Groundwater, and Surface Water Sample Testing Decision Matrices

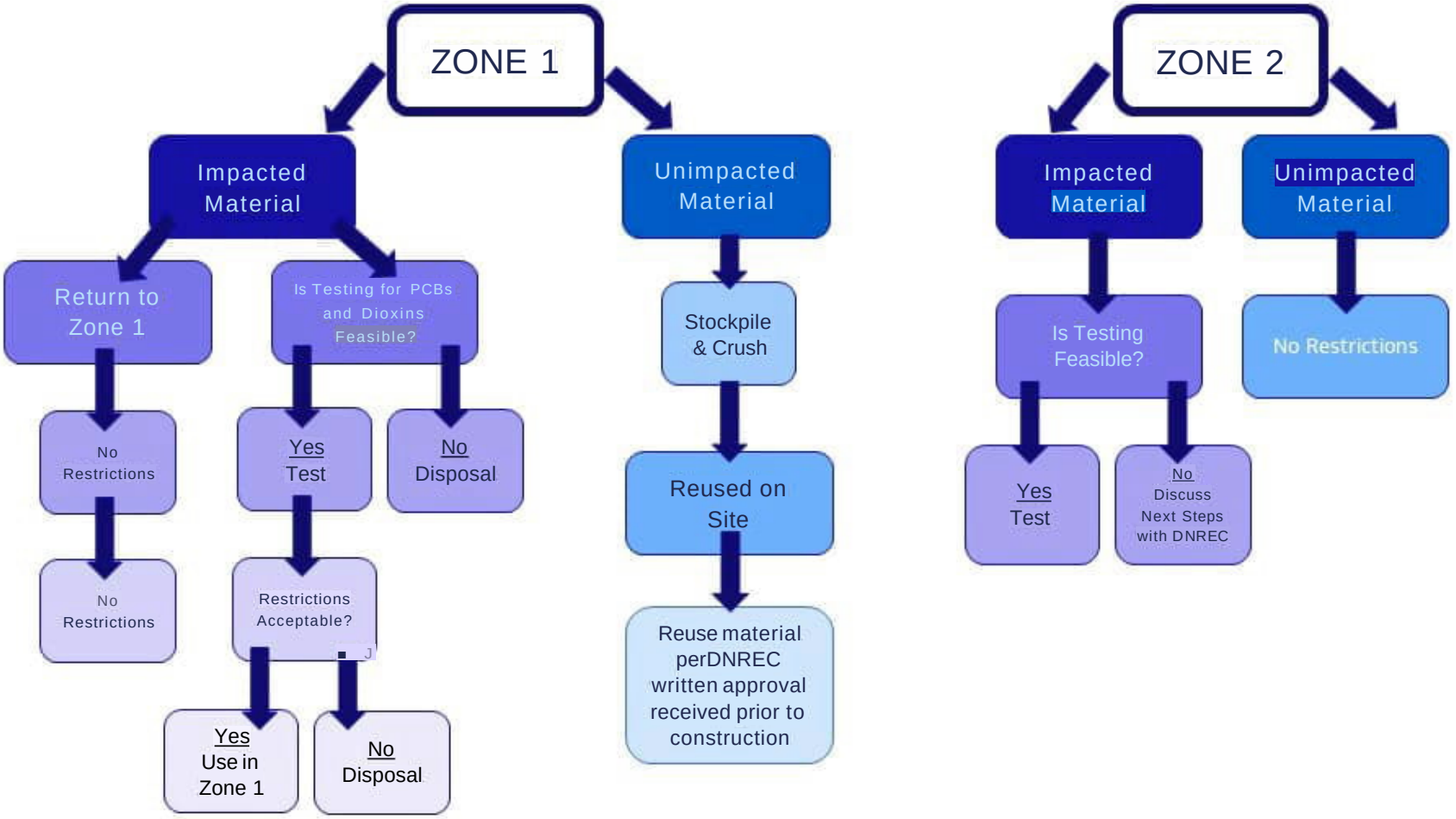
Figure A3-1. Soil and Sediment Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may be an indication of other environmental concerns.

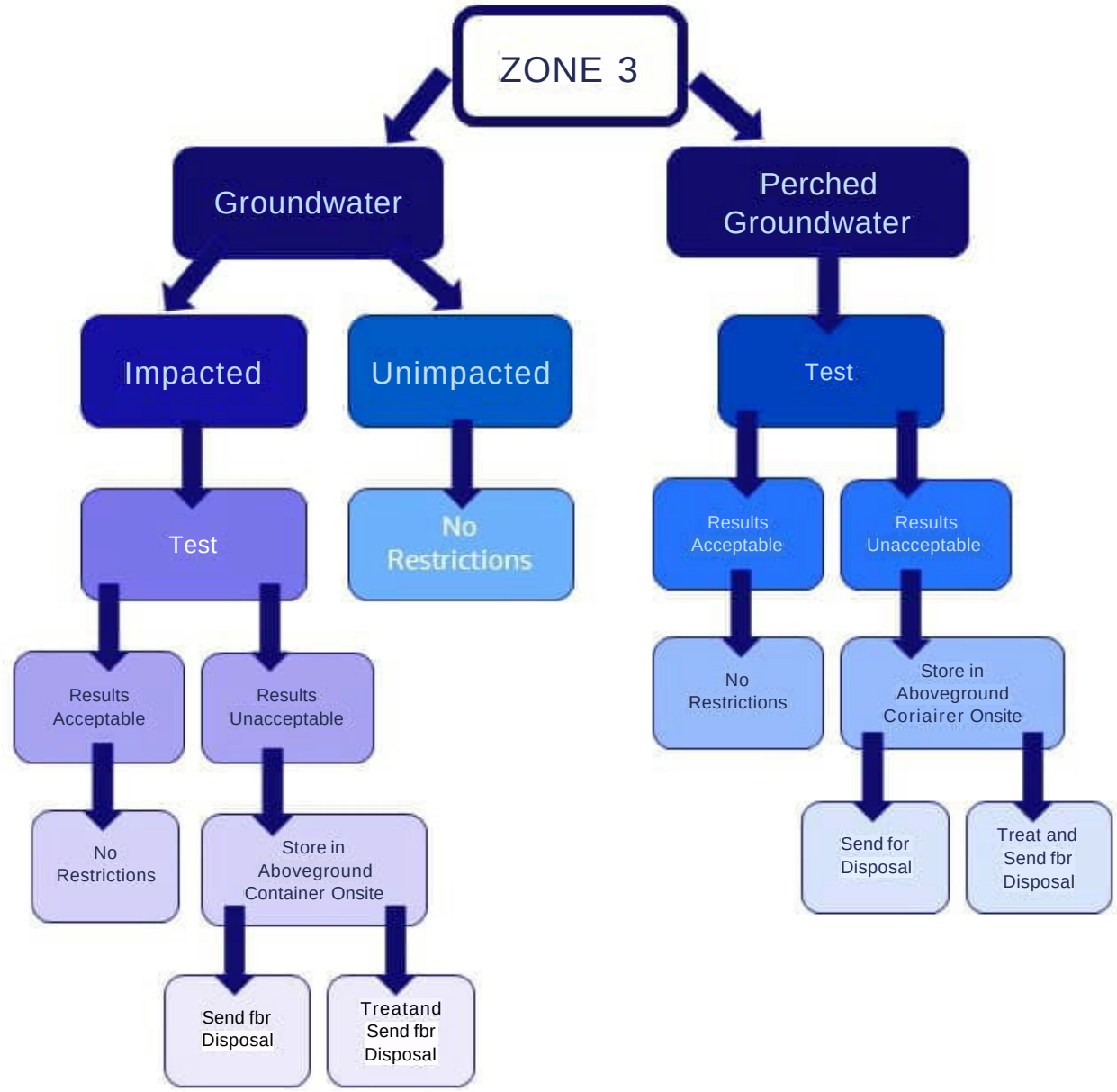
Testing requirements are established in Section 5 of the Excavation and Materials Handling and Contingency Plan (EMHCP) (this attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Figure A3-2. Concrete, Crushed Stone, and Other Material Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may be an indication of other environmental concerns. Testing requirements are established in Section 5 of the EMHCP (his attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

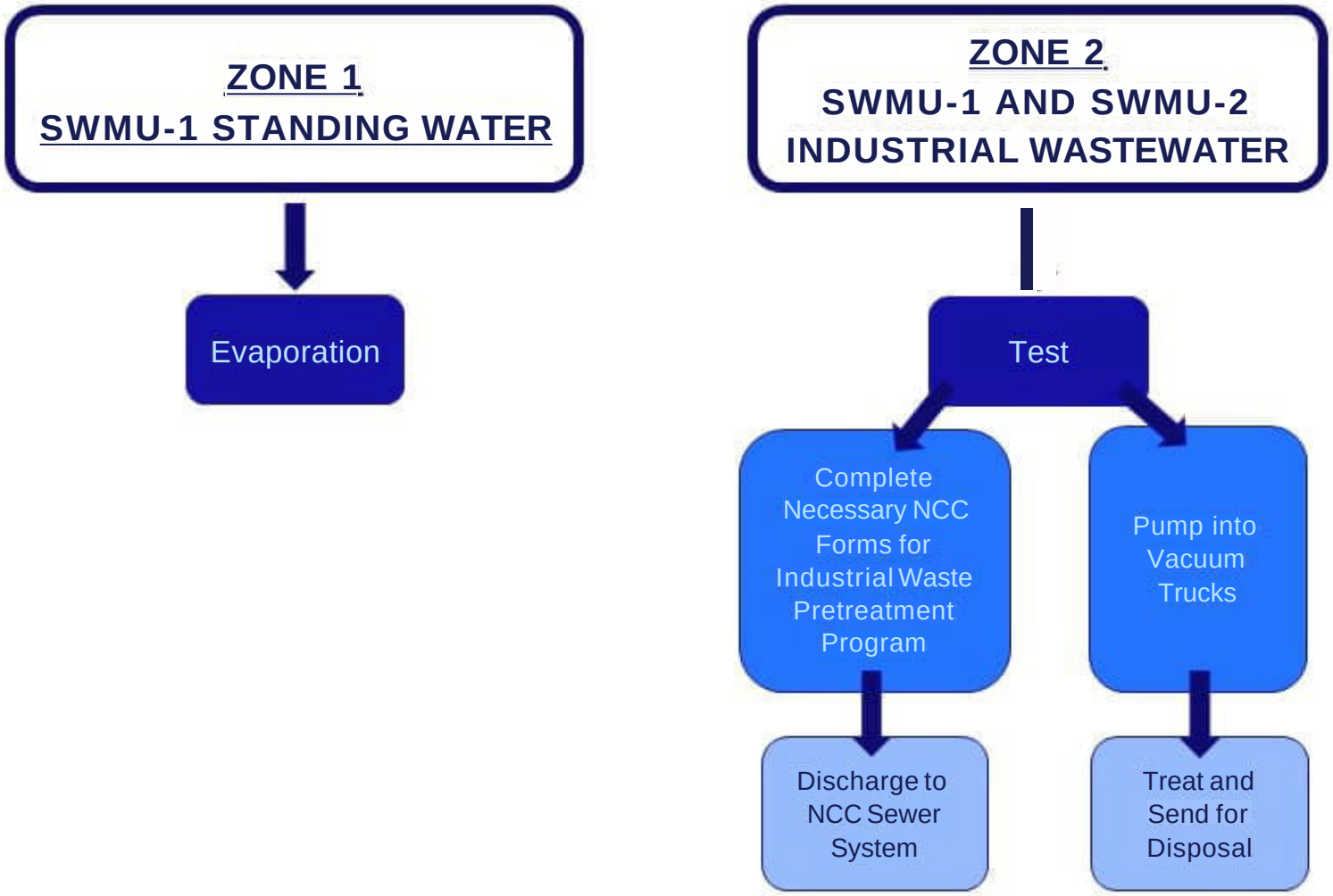
Figure A3-3. Groundwater Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may bean indication of other environmental concerns.

Testing requirements are established in Section 5 of the EMHCP (this attachment is part ofVerdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Figure A3-4. Surface Water Testing Decision Matrix



Testing requirements are established in Section 5 of the EMHCP (this attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Attachment 4
Guidance for Notification Requirements

DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

DIVISION OF WASTE AND HAZARDOUS SUBSTANCES

Remediation Section

Hazardous Substance Cleanup Act
Guidance for Notification Requirements

And

HSCA Reporting Level Table

Updated December 2025

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1.0 Introduction

1.1 The purpose of this document is to provide guidance for Section 3.1 of the Regulations Governing Hazardous Substance Cleanup and to help owners or operators understand how and when to notify the State of contamination.

1.2 This regulation and guidance is designed to provide notification to the State of Delaware of hazardous or potentially hazardous conditions that exist on property that is planned for development.

1.3 The notification is intended to facilitate possible remedial actions that will limit exposure to the public, provide cost-effective oversight, and limit potential liability for property owners.

1.4 Notification, in and of itself, does not mean that remediation will be initiated; however, it does mean that the Department of Natural Resources and Environmental Control, Remediation Section (DNREC-RS) will review the available information and decide if further action is warranted.

2.0 Releases and Potential Releases which Require Notification

2.1 Any exceedance of the reporting level table will be subject to the notification requirement if the owner or operator is planning on undertaking land disturbing activities at a facility.

2.1.1 Land disturbing activities include, but are not limited to, digging, drilling, excavating, grading, clearing, earth moving, filling, or performing any subsurface work. Land disturbing activities do not include environmental investigation, planning, designing, or engineering work related to the facility.

2.1.2 Example - A facility owner has a Phase II Environmental Site Assessment (ESA) performed and analytical data is obtained. One of the data points exceeds the reporting level, and it is in an area where they are planning to develop the property or dig a new utility trench. The owner must notify DNREC-RS at least 30 days in advance of the land disturbing activity, so DNREC-RS has enough time to review the report and determine what further action is appropriate.

2.2 Any evidence of a release during land disturbing activities will require notification within 24 hours to the Department's 24 Hour Release Hotline (800-662-8802). Land disturbing activities may continue on another part of the property as long as it is not immediately adjacent to the area where there is evidence of a release. This will prevent situations where all work must stop because the workers can move to another area on the facility and continue to work; however, if they find evidence of a release at the new area, they must continue moving until they can complete their task without finding evidence of a release.

2.2.1 Evidence of a release includes, but is not limited to, appearance of a sheen, soil staining, or odors characteristic of hazardous substances; buried materials that may contain hazardous substances; or, presence of free product.

2.2.2 Example - A facility owner starts developing a facility without performing a Phase I or Phase II ESA and discovers evidence of a release. The owner must call the 24 Hour Release Hotline within 24 hours of the discovery. The DNREC Emergency Prevention and Response Section (DNREC-EPRS) may handle the response or they may refer it to DNREC-RS. Once DNREC-RS is notified of the situation, DNREC-RS will determine what further action may be appropriate.

2.2.3 Example - A facility owner has a Phase II ESA performed and analytical data is obtained. None of the data points exceed the reporting levels, so the facility owner does not need to notify DNREC-RS. However, when they begin digging for the new development or utility trench, they notice free product. The owner must call the 24 Hour Release Hotline within 24 hours of the discovery. The DNREC-EPRS may handle the response or they may refer it to DNREC-RS. Once DNREC-RS is notified of the situation, DNREC-RS will determine what further action may be appropriate.

3.0 Who is Required to Notify

3.1 The owner or operator is required to notify DNREC-RS if (1) he is planning on undertaking land disturbing activities and he knows that the land has concentrations of hazardous substances at or

above the reporting levels; or (2) he became aware of a release while land disturbing activities were taking place at the facility.

3.1.1 An owner or operator is anyone who owns or operates a facility or who previously owned or operated a facility. For example, a facility manager is an operator because he is involved in operating the facility and is more likely to be aware of possible contamination.

3.2 A Brownfield Developer, prospective purchaser, or a person acting on behalf of the Brownfield Developer, the prospective purchaser, or the owner or operator can report a release to DNREC-RS if they are aware of (1) contamination that is at or above the reporting levels; or (2) evidence of a release that becomes apparent during land disturbing activities.

3.3 Any person who is aware of (1) contamination that is at or above the reporting levels; or (2) evidence of a release that becomes apparent during land disturbing activities is encouraged to notify DNREC-RS, but is not required to do so.

4.0 How Owners or Operators Notify DNREC

4.1 Notification prior to land disturbing activities

4.1.1 The owner or operator should submit a letter, via email or hard copy, that includes the current address and tax parcel of the property, current and future use, a copy of a Phase I and/or Phase II ESA report, including laboratory data in an editable format (Excel or EDD), and any anecdotal evidence to DNREC-RS at least 30 days prior to undertaking land disturbing activities. This will provide DNREC-RS with enough time to review the information, meet with the owner or operator, and determine what future actions are appropriate.

4.2 Notification during land disturbing activities

4.2.1 The owner or operator, or any person acting on his behalf, must notify the 24 Hour Release Hotline (800-662-8802) within 24 hours of noticing the evidence of release. The DNREC-EPRS will determine the next appropriate action.

5.0 How DNREC-RS notifies an owner or operator of a release

5.1 If DNREC-RS learns of a release at a facility, DNREC-RS will contact the owner or operator via phone call and follow up with a letter, via email or hard copy, to obtain any necessary information, including whether they are planning to undertake land disturbing activities.

6.0 Reporting Levels

6.1 Reporting levels are the concentrations of hazardous substances in the environment that are at or above the levels established by the Department, except for groundwater for which the reporting level shall be equivalent to the levels contained in the Delaware and federal drinking water standards. Reporting levels are indicated in the reporting level table in Appendix A of this guidance and on the RS webpage.

6.2 Reporting levels are only used for notification purposes and should not be used for cleanup purposes. They are not the same as cleanup levels and they should not be used as default cleanup levels. They do not take the place of a human health or ecological risk assessment. There may be a risk to human health or the environment at concentrations in soil or groundwater less than the concentrations listed in the table of reporting levels. Reporting levels do not adequately account for cumulative risk to human health or the environment.

6.3 Reporting levels for Soil

6.3.1 Hazardous Substance Cleanup Act (HSCA) reporting levels for soil are primarily based on the United States Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for residential soil, with several exceptions. Regardless of the current or future land use (i.e., residential, commercial, or industrial) at a facility, soil sample results at all facilities should be compared to the HSCA soil reporting level for the particular chemical(s) analyzed.

6.3.2 DNREC-RS recommends analysis of EPA's Target Analyte List (TAL) and Target Compound List (TCL) of chemicals, and any

other chemicals that may be present because of the operational history of the facility.

6.4 Reporting levels for Groundwater

6.4.1 HSCA reporting levels for groundwater are primarily based on the Delaware or federal Maximum Contaminant Level (MCL) for drinking water. Some contaminants have a Delaware MCL, a federal MCL, or both. In the instances where there is both a Delaware and federal MCL, the more conservative level is listed in the HSCA reporting level table. Groundwater sample results should be compared to the groundwater reporting level for the particular chemical(s) analyzed.

6.4.2 DNREC-RS recommends analysis of EPA's TAL and TCL of chemicals, and any other chemicals that may be present because of the operational history of the facility.

6.5 Comparing sample results to reporting levels

6.5.1 After soil and/or groundwater samples are collected from a facility, the individual sample results should be compared to the reporting levels listed in the most recent table provided by DNREC-RS in Appendix A of this guidance and on the RS webpage.

6.5.2 In general, samples that are field-screened only should be compared to the reporting levels and DNREC-RS should be notified if there is an exceedance of a reporting level and if land disturbing activities will occur. If a sample or samples were field-screened and exceed a reporting level, the owner or operator has the option to send those samples to a HSCA-approved laboratory for confirmatory analysis. If the results from the HSCA-approved laboratory do not exceed the reporting level, then DNREC-RS does not need to be notified of these sample results.

6.5.3 Below are two examples comparing sample results to HSCA reporting levels:

6.5.3.1 Example 1 - A Phase II ESA was conducted and soil and groundwater samples were collected from the property. Table 1A and IB show some of the soil and groundwater

sample results from the Phase II ESA, as compared to HSCA reporting levels for soil and groundwater, respectively. Based on this data, one or more soil samples exceed the reporting level for trichloroethylene, benz(a)anthracene, and benzo(a)pyrene. One groundwater sample is equal to the reporting level for trichloroethylene. Prior to undertaking any land disturbing activities, the owner or operator must notify DNREC-RS in writing that these particular hazardous substances are at or above the reporting level for soil and groundwater.

Table 1A: Soil Sample Results compared to HSCA Reporting Levels for Soil

Sample Name		SB01S	SB01D	SB02S
Sample Date		4/7/2013	4/7/2013	4/7/2013
Unit		mg/kg	mg/kg	mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Tetrachloroethylene	86	ND	ND	ND
Trichloroethylene	4.4	2	6	ND
Anthracene	17,000	1.7	ND	0.46
Benz[a]anthracene	1.5	**1.9**	ND	1
Benzo[a]pyrene	0.15	**1.9**	ND	1.1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; mg/kg = milligrams per kilogram

Table IB: Groundwater Sample Results compared to HSCA Reporting Levels for Groundwater

Sample Name Sample Date Unit		MW01 4/17/2013 ug/l	MW02 4/17/2013 ug/l	MW03 4/17/2013 ug/l
Chemical Name	Groundwater Reporting Level (ug/l)			
Benzene	5	2	ND	1.1
Tetrachloroethylene	1	ND	ND	ND
Trichloroethylene	1	3.2	5	1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; ug/l = micrograms per liter

6.5.3.2 Example 2 - A limited soil investigation was conducted and soil was analyzed for metals using a field XRF instrument. Table 2A shows some of the results of screening the soil samples with a field XRF instrument. These results were compared to HSCA reporting levels and all three samples exceeded the reporting level for arsenic. These exceedances would need to be reported to DNREC-RS prior to undertaking land disturbing activities. However, all of the same samples were also sent to a lab for confirmatory analysis (Table 2B), which revealed that none of the soil samples exceeded the reporting level for arsenic (or any other analyte). Results from the XRF instrument were biased high. Therefore, DNREC-RS does not need to be notified of these sample results.

Table 2A: Soil Sample Results, field-screened with XRF, compared to HSCA Reporting Levels for Soil

Sample Name Sample Date Unit		SO-01 4/7/2013 mg/kg	SO-02 4/7/2013 mg/kg	SO-03 4/7/2013 mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Antimony	31	2.3	ND	**ND**
Arsenic	11	**15**	**28**	**19**
Barium	15,000	1119	1320	1282
Iron	74,767	47,800	53,000	52,000
Lead	400	73	37	66.1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; mg/kg = milligrams per kilogram

Table 2B: Soil Sample Results, sent to confirmatory laboratory, compared to HSCA Reporting Levels for Soil

Sample Name Sample Date Unit		SO-01 4/7/2013 mg/kg	SO-02 4/7/2013 mg/kg	SO-03 4/7/2013 mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Antimony	31	ND	ND	ND
Arsenic	11	6.7	10	9.6
Barium	15,000	273	298	307
Iron	74,767	47,800	53,000	52,000
Lead	400	26	10.5	24.6

ND = not detected; mg/kg = milligrams per kilogram

6.6 Updates to the Reporting Level Table

6.6.1 The reporting level table will be updated as significant changes occur, and the updated table will be available on the RS webpage (https://dnrec.delaware.gov/waste-hazardous/remediation/laws-regs-guidance/). Analytes may be added or deleted from the table. Therefore, please ensure that you are using the most current version of the reporting level table, available in Appendix A of this guidance and on the RS webpage. The analytes with concentrations that have been updated between the previous version and the current version of the reporting level table will be indicated. The date of the most recent revision will be listed in the heading of the table.

7.0 Procedure after the Department Receives Notification

The course of actions that the Department will take after notification will vary based on the way the notification was received and are described separately.

7.1 Notification Prior to undertaking land disturbing activities

7.1.1 If the owner or operator, Brownfield developer, or his representative, notified DNREC-RS in writing, of a release of a hazardous substance with concentrations at or above the reporting levels, at least 30 days before undertaking land disturbing activities in any area(s) potentially affected by the release at the property, then the following steps are taken:

Step 1: DNREC-RS performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 2: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or

operator of the program under which the facility will be addressed.

Step 3: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site.

Step 4: DNREC-RS enters into a letter agreement with the owner or operator.

Step 5: DNREC-RS performs a full review of the available information for the site and determines whether the Phase II ESA is equivalent to a Facility Evaluation and if adequate data is present to perform an initial screening or if additional data is needed.

Step 6: If there is adequate data, DNREC-RS and the owner or operator will agree that an initial screening will be performed by a HSCA certified consultant or DNREC-RS.

Step 7: If additional data is needed, DNREC-RS will require the owner or operator to collect additional data and perform an initial screening using a HSCA certified consultant under the letter agreement. The owner or operator may choose to bypass this step and proceed through the HSCA process to receive a Certificate of Completion of Remedy (COCR) for the facility under the Voluntary Cleanup Program (VCP) or Brownfields Development Program (BDP).

Step 8: If the initial screening indicates that the release does not exceed acceptable risk, then DNREC-RS issues a Conditional No Further Action. If the initial screening exceeds the acceptable risk, then the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

7.2 Notification during land disturbing activities

7.2.1 If evidence of a release, such as a stained soil, free product or buried materials, was discovered during land disturbing activities, the owner or operator must notify the 24 Hour

Release Hotline (800-662-8802) within 24 hours of learning of the evidence of release, and the following steps are taken:

Step 1: DNREC Emergency Prevention and Response Section (EPRS) visits the site and determines that (1) no action is needed; (2) action under DNREC-RS is needed and refers the facility to DNREC-RS; (3) immediate action is needed and requires the owner or operator to perform the action; (4) residual contamination is present after the immediate action and refers the facility to DNREC-RS; or (5) the site should be referred to a section other than DNREC-RS.

Step 2: DNREC-RS receives notification from EPRS and performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 3: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or operator of the program under which the facility will be addressed.

Step 4: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site. One of the following will occur:

(1) DNREC-RS enters into a letter agreement with the owner or operator for DNREC-RS to provide oversight of a Facility Evaluation (FE) and an initial screening performed by a HSCA certified consultant.

(2) DNREC-RS determines that the action taken by EPRS meets the interim action definition under the Regulations Governing Hazardous Substance Cleanup and the site proceeds through the HSCA process to receive a COCR under the VCP or BDP.

Step 5: DNREC-RS reviews the FE and the initial screening and approves the report. DNREC-RS determines that (1) the initial screening does not exceed the acceptable risk and issues a Conditional No Further Action; or (2) the initial screening exceeds the acceptable risk and the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

7.3 Notification by DNREC to the owner or operator

7.3.1 If DNREC-RS becomes aware of a release that exceeds a reporting level or evidence of a release, such as stained soil, free product or buried materials, the following steps are taken:

Step 1: DNREC-RS contacts the owner or operator and collects additional information, including whether the owner is planning on undertaking land disturbing activities.

Step 2: DNREC-RS performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 3: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or operator of the program under which the facility will be addressed.

Step 4: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site.

Step 5: DNREC-RS enters into a letter agreement with the owner or operator for DNREC-RS to provide oversight of a Facility Evaluation (FE) and an initial screening performed by a HSCA certified consultant.

Step 6: DNREC-RS reviews the FE and the initial screening and approves the report. DNREC-RS determines that (1) the initial screening does not exceed the acceptable risk and issues a Conditional No Further Action; or (2) the initial screening exceeds the acceptable risk and the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

8.0 Penalty for Failure to Notify

8.1 If an owner or operator fails to notify DNREC-RS of hazardous substances at or above reporting levels prior to undertaking land disturbing activities or fails to notify DNREC-RS or EPRS of evidence of a release during land disturbing activities, then a Public Hearing will occur and the Department may issue a Secretary's Order to the owner or operator.

8.2 Under HSCA §9109(f), the Secretary has the authority to issue an order to anyone who fails to report a release as required by the regulations. If an owner or operator fails to comply with the Secretary's order, they may be subject to a civil penalty of up to $10,000 per day for each day of non-compliance.

Appendix A

HSCA Reporting Level Table

The reporting level table is arranged in the following manner:

Analyte is indicated in column 1.
Chemical Abstracts Service (CAS) registry number corresponding to the analyte is indicated in column 2. If a CAS number is not available for an analyte, another identifier may be indicated in this column for administrative purposes only.
Whether the analyte is carcinogenic or non-carcinogenic is indicated in column 3.
If analyte is part of EPA's Target Analyte List (TAL) or Target Compound List (TCL), 'TAL' or 'TCL' is indicated in column 4.
Reporting level for soil (direct contact) is indicated in milligrams per kilogram (mg/kg) in column 5.
Key describing how soil (direct contact) reporting level was derived is included in column 6.
Reporting level for groundwater (ingestion) is indicated in micrograms per liter (ug/l) in column 7.
Key describing how groundwater (ingestion) reporting level was derived is included in column 8.

The keys, which describe how the reporting levels were derived, are defined as follows:

BTV	Background Threshold Value was calculated based on samples from Delaware background studies. For soil: The concentration is either a 95% Upper Tolerance Limit (UTL) with 95% coverage (for metals), which represents the value below which 95% of the population values are expected to fall with 95% confidence, or a 95% Upper Simultaneous Limit (USL) (for PAHs) with the exception of Arsenic. Arsenic's background concentration was established previously.
DE MCL	Delaware Maximum Contaminant Level
DRO	DNREC Tier 0 action level for TPH-DRO was adopted as the reporting level
GRO	DNREC Tier 0 action level for TPH-GRO was adopted as the reporting level
MAX	Maximum ceiling value was adopted as the reporting level
MCL	Federal Maximum Contaminant Level
NIOSH	Reporting level was based on the National Institute for Occupational Safety & Health (NIOSH) Exposure Limit
PYR	EPA RSL for Pyrene was adopted as the reporting level for Phenanthrene, although Phenanthrene is not included within the EPA RSL table
RSL	EPA Regional Screening Level (with TR = IE-05 and THQ = 0.1)
TAL	EPA Target Analyte List for Metals and Cyanide
TCL	EPA Target Compound List for Volatile Compounds, Semivolatile Compounds, and Pesticides/Aroclors
mg/kg	milligrams per kilogram
ug/l	micrograms per liter
c	carcinogenic
n	non-carcinogenic

Note: EPA's Regional Screening Levels are found at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables. EPA's RSL calculator is found at https://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search.

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Acephate	30560-19-1	n		19	RSL		
Acetaldehyde	75-07-0	n		82	RSL		
Acetic acid, 2-(4-Chloro-2-methylphenoxy) (MCPA)	94-74-6	n		32	RSL		
Acetochlor	34256-82-1	n		1300	RSL		
Acetone	67-64-1	n	TCL	70000	RSL		
Acetone Cyanohydrin	75-86-5	n		100000	MAX		
Acetonitrile	75-05-8	n		810	RSL		
Acetophenone	98-86-2	n	TCL	7800	RSL		
Acetylaminofluorene, 2-	53-96-3	c		1.4	RSL		
Acrolein	107-02-8	n		0.14	RSL		
Acrylamide	79-06-1	c		2.4	RSL		
Acrylic Acid	79-10-7	n		20	RSL		
Acrylonitrile	107-13-1	c		2.5	RSL		
Adiponitrile	111-69-3	n		100000	MAX		
Alachlor	15972-60-8	c		97	RSL	2	MCL
Aldicarb	116-06-3	n		63	RSL	3	MCL
Aldicarb Sulfone	1646-88-4	n		63	RSL	2	MCL
Aldicarb sulfoxide	1646-87-3					4	MCL
Aldrin	309-00-2	c	TCL	0.39	RSL		
Allyl Alcohol	107-18-6	n		3.5	RSL		
Allyl Chloride	107-05-1	n		1.7	RSL		
Aluminum	7429-90-5	n	TAL	77000	RSL		
Aluminum Phosphide	20859-73-8	n		31	RSL		
Ametryn	834-12-8	n		570	RSL		
Aminobiphenyl, 4-	92-67-1	c		0.26	RSL		
Aminophenol, m-	591-27-5	n		5100	RSL		
Aminophenol, o-	95-55-6	n		250	RSL		
Aminophenol, p-	123-30-8	n		1300	RSL		
Amitraz	33089-61-1	n		160	RSL		
Ammonium Picrate	131-74-8	n		130	RSL		
Ammonium Sulfamate	7773-06-0	n		16000	RSL		
Amyl Alcohol, tert-	75-85-4	n		82	RSL		
Aniline	62-53-3	n		440	RSL		
Anthraquinone, 9,10-	84-65-1	n		130	RSL		
Antimony (metallic)	7440-36-0	n	TAL	31	RSL	6	MCL
Antimony Pentoxide	1314-60-9	n		39	RSL		
Antimony Tetroxide	1332-81-6	n		31	RSL		
Antimony Trioxide	1309-64-4	n		50000	NIOSH		
Arsenic, Inorganic	7440-38-2	c	TAL	11	BTV	10	MCL
Arsine	7784-42-1	n		0.27	RSL		
Asulam	3337-71-1	n		23000	RSL		
Atrazine	1912-24-9	c	TCL	24	RSL	3	MCL
Auramine	492-80-8	c		6.2	RSL		
Avermectin B1	65195-55-3	n		25	RSL		
Azinphos-methyl	86-50-0	n		190	RSL		
Azobenzene	103-33-3	c		56	RSL		
Azodicarbonamide	123-77-3	n		8600	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Barium	7440-39-3	n	TAL	15000	RSL	2000	MCL
Benfluralin	1861-40-1	n		390	RSL		
Benomyl	17804-35-2	n		3200	RSL		
Bensulfuron-methyl	83055-99-6	n		13000	RSL		
Bentazon	25057-89-0	n		1900	RSL		
Benzaldehyde	100-52-7	c	TCL	1700	RSL		
Benzene	71-43-2	c	TCL	12	RSL	5	MCL
Benzene, Trimethyl	25551-13-7	n		51	RSL		
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	n		19	RSL		
Benzenethiol	108-98-5	n		78	RSL		
Benzidine	92-87-5	c		0.0053	RSL		
Benzoic Acid	65-85-0	n		100000	MAX		
Benzotrichloride	98-07-7	c		0.53	RSL		
Benzyl Alcohol	100-51-6	n		6300	RSL		
Benzyl Chloride	100-44-7	c		11	RSL		
Beryllium and compounds	7440-41-7	n	TAL	160	RSL	4	MCL
Bifenox	42576-02-3	n		570	RSL		
Biphenthrin	82657-04-3	n		950	RSL		
Biphenyl, 1,1'-	92-52-4	n	TCL	47	RSL		
Bis(2-chloro-l-methylethyl) ether	108-60-1	n	TCL	3100	RSL		
Bis(2-chloroethoxy)methane	111-91-1	n	TCL	190	RSL		
Bis(2-chloroethyl)ether	111-44-4	c	TCL	2.3	RSL		
Bis(chloromethyl)ether	542-88-1	c		0.00083	RSL		
Bisphenol A	80-05-7	n		3200	RSL		
Boron And Borates Only	7440-42-8	n		16000	RSL		
Boron Trichloride	10294-34-5	n		100000	MAX		
Boron Trifluoride	7637-07-2	n		3100	RSL		
Bromate	15541-45-4	c		9.9	RSL	10	MCL
Bromo-2-chloroethane, 1-	107-04-0	n		0.35	RSL		
Bromo-3-fluorobenzene, 1-	1073-06-9	n		23	RSL		
Bromo-4-fluorobenzene, 1-	460-00-4	n		23	RSL		
Bromoacetic acid	79-08-3	n		110	RSL	60	MCL
Bromobenzene	108-86-1	n		290	RSL		
Bromochloromethane	74-97-5	n	TCL	150	RSL		
Bromodichloromethane	75-27-4	c	TCL	2.9	RSL	80	MCL
Bromoform	75-25-2	c	TCL	190	RSL	80	MCL
Bromomethane	74-83-9	n	TCL	6.8	RSL		
Bromophos	2104-96-3	n		390	RSL		
Bromopropane, 1-	106-94-5	c		16	RSL		
Bromoxynil	1689-84-5	c		53	RSL		
Bromoxynil Octanoate	1689-99-2	c		67	RSL		
Butadiene, 1,3-	106-99-0	c		0.76	RSL		
Butanol, n-	71-36-3	n		7800	RSL		
Butyl Alcohol, t-	75-65-0	c		14000	RSL		
Butyl alcohol, sec-	78-92-2	n		100000	MAX		
Butylate	2008-41-5	n		3900	RSL		
Butylated hydroxyanisole	25013-16-5	c		27000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Butylated hydroxytoluene	128-37-0	c		1500	RSL		
Butylbenzene, n-	104-51-8	n		3900	RSL		
Butylbenzene, sec-	135-98-8	n		7800	RSL		
Butylbenzene, tert-	98-06-6	n		7800	RSL		
Cacodylic Acid	75-60-5	n		1300	RSL		
Cadmium	7440-43-9	n	TAL	7.1	RSL	5	MCL
Caprolactam	105-60-2	n	TCL	31000	RSL		
Captafol	2425-06-1	c		36	RSL		
Captan	133-06-2	c		2400	RSL		
Carbaryl	63-25-2	n		6300	RSL		
Carbofuran	1563-66-2	n		320	RSL	40	MCL
Carbon Disulfide	75-15-0	n	TCL	770	RSL		
Carbon Tetrachloride	56-23-5	c	TCL	6.5	RSL	5	MCL
Carbonyl Sulfide	463-58-1	n		67	RSL		
Carbosulfan	55285-14-8	n		630	RSL		
Carboxin	5234-68-4	n		6300	RSL		
Ceric oxide	1306-38-3	n		100000	MAX		
Chloral Hydrate	302-17-0	n		7800	RSL		
Chloramben	133-90-4	n		950	RSL		
Chloranil	118-75-2	c		13	RSL		
Chlordane (alpha)	5103-71-9	n	TCL	36	RSL		
Chlordane (gamma)	5103-74-2	n	TCL	36	RSL		
Chlordane (technical mixture)	12789-03-6	c		17	RSL	2	MCL
Chlordecone (Kepone)	143-50-0	c		0.54	RSL		
Chlorfenvinphos	470-90-6	n		44	RSL		
Chlorimuron, Ethyl-	90982-32-4	n		5700	RSL		
Chlorine	7782-50-5	n		0.18	RSL		
Chlorine Dioxide	10049-04-4	n		2300	RSL		
Chlorite (Sodium Salt)	7758-19-2	n		2300	RSL	1000	MCL
Chloro-l,l-difluoroethane, 1-	75-68-3	n		54000	RSL		
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	c		0.036	RSL		
Chloro-2-methylaniline HCl, 4-	3165-93-3	c		12	RSL		
Chloro-2-methylaniline, 4-	95-69-2	c		54	RSL		
Chloroacetaldehyde, 2-	107-20-0	c		26	RSL		
Chloroacetic Acid	79-11-8	n		220	RSL	60	MCL
Chloroacetophenone, 2-	532-27-4	n		43000	RSL		
Chloroaniline, p-	106-47-8	c	TCL	27	RSL		
Chlorobenzene	108-90-7	n	TCL	280	RSL	100	MCL
Chlorobenzene sulfonic acid, p-	98-66-8	n		6300	RSL		
Chlorobenzilate	510-15-6	c		49	RSL		
Chlorobenzoic Acid, p-	74-11-3	n		1900	RSL		
Chlorobenzotrifluoride, 4-	98-56-6	c		22	RSL		
Chlorobutane, 1-	109-69-3	n		3100	RSL		
Chlorodifluoromethane	75-45-6	n		49000	RSL		
Chloroethanol, 2-	107-07-3	n		1600	RSL		
Chloroform	67-66-3	c	TCL	3.2	RSL	80	MCL
Chloromethane	74-87-3	n	TCL	110	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Chloromethyl Methyl Ether	107-30-2	c		0.2	RSL		
Chloronitrobenzene, o-	88-73-3	c		18	RSL		
Chloronitrobenzene, p-	100-00-5	n		44	RSL		
Chlorophenol, 2-	95-57-8	n	TCL	390	RSL		
Chloropicrin	76-06-2	n		2	RSL		
Chlorothalonil	1897-45-6	c		320	RSL		
Chlorotoluene, o-	95-49-8	n		1600	RSL		
Chlorotoluene, p-	106-43-4	n		1600	RSL		
Chlorozotocin	54749-90-5	c		0.023	RSL		
Chlorpropham	101-21-3	n		320	RSL		
Chlorpyrifos	2921-88-2	n		63	RSL		
Chlorpyrifos Methyl	5598-13-0	n		630	RSL		
Chlorsulfuron	64902-72-3	n		3200	RSL		
Chlorthal-dimethyl	1861-32-1	n		630	RSL		
Chlorthiophos	60238-56-4	n		51	RSL		
Chromium(III), (Insoluble Salts)	16065-83-1	n		50000	NIOSH		
Chromium(III), (Soluble Compounds)	16065-83-1	n		85000	RSL		
Chromium(VI)	18540-29-9	c		9.5	RSL		
Chromium, Total	7440-47-3		TAL	210	BTV	100	MCL
Clofentezine	74115-24-5	n		820	RSL		
Cobalt	7440-48-4	n	TAL	34	BTV		
Copper	7440-50-8	n	TAL	3100	RSL	1300	MCL
Cresol, m-	108-39-4	n		3200	RSL		
Cresol, o-	95-48-7	n	TCL	3200	RSL		
Cresol, p-	106-44-5	n	TCL	1300	RSL		
Cresol, p-chloro-m-	59-50-7	n	TCL	6300	RSL		
Cresols	1319-77-3	n		6300	RSL		
Crotonaldehyde, trans-	123-73-9	c		3.7	RSL		
Cumene	98-82-8	n	TCL	1900	RSL		
Cupferron	135-20-6	c		25	RSL		
Cyanazine	21725-46-2	c		6.5	RSL		
Cyanides							
-Calcium Cyanide	592-01-8	n		78	RSL		
-Copper Cyanide	544-92-3	n		390	RSL		
-Cyanide (CN-)	57-12-5	n	TAL	24	RSL	200	MCL
-Cyanogen	460-19-5	n		78	RSL		
-Cyanogen Bromide	506-68-3	n		7000	RSL		
-Cyanogen Chloride	506-77-4	n		3900	RSL		
-Hydrogen Cyanide	74-90-8	n		23	RSL		
-Potassium Cyanide	151-50-8	n		160	RSL		
-Potassium Silver Cyanide	506-61-6	n		390	RSL		
-Silver Cyanide	506-64-9	n		7800	RSL		
-Sodium Cyanide	143-33-9	n		78	RSL	200	MCL
-Zinc Cyanide	557-21-1	n		3900	RSL		
Cyclohexane	110-82-7	n	TCL	6500	RSL		
Cyclohexane, l,2,3,4,5-pentabromo-6-chloro-	87-84-3	c		270	RSL		
Cyclohexanone	108-94-1	n		28000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Cyclohexene	110-83-8	n		310	RSL		
Cyclohexylamine	108-91-8	n		16000	RSL		
Cyfluthrin	68359-37-5	n		1600	RSL		
Cyromazine	66215-27-8	n		32000	RSL		
Dalapon	75-99-0	n		1900	RSL	200	MCL
Daminozide	1596-84-5	c		300	RSL		
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	n		440	RSL		
Demeton	8065-48-3	n		2.5	RSL		
Di(2-ethylhexyl)adipate	103-23-1	c		4500	RSL	400	MCL
Diallate	2303-16-4	c		89	RSL		
Diazinon	333-41-5	n		44	RSL		
Dibromo-3-chloropropane, 1,2-	96-12-8	c	TCL	0.053	RSL	0.2	MCL
Dibromoacetic acid	631-64-1	n		19	RSL	60	MCL
Dibromobenzene, 1,3-	108-36-1	n		31	RSL		
Dibromobenzene, 1,4-	106-37-6	n		780	RSL		
Dibromochloromethane	124-48-1	c	TCL	83	RSL	80	MCL
Dibromoethane, 1,2-	106-93-4	c	TCL	0.36	RSL	0.05	MCL
Dibromomethane (Methylene Bromide)	74-95-3	n		24	RSL		
Dibutyltin Compounds	E1790661	n		19	RSL		
Dicamba	1918-00-9	n		1900	RSL		
Dichloro-2-butene, 1,4-	764-41-0	c		0.021	RSL		
Dichloro-2-butene, cis-1,4-	1476-11-5	c		0.074	RSL		
Dichloro-2-butene, trans-1,4-	110-57-6	c		0.074	RSL		
Dichloroacetic Acid	79-43-6	c		110	RSL	60	MCL
Dichlorobenzene, 1,2-	95-50-1	n	TCL	1800	RSL	600	MCL
Dichlorobenzene, 1,4-	106-46-7	c	TCL	26	RSL	75	MCL
Dichlorobenzidine, 3,3'-	91-94-1	c	TCL	12	RSL		
Dichlorobenzophenone, 4,4'-	90-98-2	n		570	RSL		
Dichlorodifluoromethane	75-71-8	n	TCL	87	RSL		
Dichlorodiphenyldichloroethane, p,p'- (DDD)	72-54-8	c	TCL	23	RSL		
Dichlorodiphenyldichloroethylene, p,p'- (DDE)	72-55-9	c	TCL	20	RSL		
Dichlorodiphenyltrichloroethane, p,p'- (DDT)	50-29-3	c	TCL	19	RSL		
Dichloroethane, 1,1-	75-34-3	c	TCL	36	RSL		
Dichloroethane, 1,2-	107-06-2	c	TCL	4.6	RSL	5	MCL
Dichloroethylene, 1,1-	75-35-4	n	TCL	4.8	RSL	7	MCL
Dichloroethylene, cis-1,2-	156-59-2	n	TCL	63	RSL	70	MCL
Dichloroethylene, trans-1,2-	156-60-5	n	TCL	70	RSL	100	MCL
Dichlorophenol, 2,4-	120-83-2	n	TCL	190	RSL		
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	n		700	RSL	70	MCL
Dichloropropane, 1,2-	78-87-5	n	TCL	16	RSL	5	MCL
Dichloropropane, 1,3-	142-28-9	n		1600	RSL		
Dichloropropanol, 2,3-	616-23-9	n		190	RSL		
Dichloropropene, 1,3-	542-75-6	c		18	RSL		
Dichlorvos	62-73-7	c		19	RSL		
Dicrotophos	141-66-2	n		1.9	RSL		
Dicyclopentadiene	77-73-6	n		1.3	RSL		
Dieldrin	60-57-1	c	TCL	0.34	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Diethanolamine	111-42-2	n		130	RSL		
Diethylene Glycol Monobutyl Ether	112-34-5	n		1900	RSL		
Diethylene Glycol Monoethyl Ether	111-90-0	n		3800	RSL		
Diethylformamide	617-84-5	n		78	RSL		
Diethylstilbestrol	56-53-1	c		0.016	RSL		
Difenzoquat	43222-48-6	n		5200	RSL		
Diflubenzuron	35367-38-5	n		1300	RSL		
Difluoroethane, 1,1-	75-37-6	n		48000	RSL		
Difluoropropane, 2,2-	420-45-1	n		24000	RSL		
Dihydrosafrole	94-58-6	c		99	RSL		
Diisopropyl Ether	108-20-3	n		2200	RSL		
Diisopropyl Methylphosphonate	1445-75-6	n		6300	RSL		
Dimethipin	55290-64-7	n		1400	RSL		
Dimethoate	60-51-5	n		140	RSL		
Dimethoxybenzidine, 3,3'-	119-90-4	c		0.76	RSL		
Dimethyl Sulfide	75-18-3	n		0.62	RSL		
Dimethyl methylphosphonate	756-79-6	c		3200	RSL		
Dimethylamino azobenzene [p-]	60-11-7	c		1.2	RSL		
Dimethylaniline HCl, 2,4-	21436-96-4	c		9.4	RSL		
Dimethylaniline, 2,4-	95-68-1	c		27	RSL		
Dimethylaniline, N,N-	121-69-7	n		160	RSL		
Dimethylbenzidine, 3,3'-	119-93-7	c		0.11	RSL		
Dimethylformamide	68-12-2	n		2600	RSL		
Dimethylhydrazine, 1,1-	57-14-7	n		0.057	RSL		
Dimethylhydrazine, 1,2-	540-73-8	c		0.0088	RSL		
Dimethylphenol, 2,4-	105-67-9	n	TCL	1300	RSL		
Dimethylphenol, 2,6-	576-26-1	n		38	RSL		
Dimethylphenol, 3,4-	95-65-8	n		63	RSL		
Dimethylvinylchloride	513-37-1	c		11	RSL		
Dinitro-o-cresol, 4,6-	534-52-1	n	TCL	5.1	RSL		
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	n		130	RSL		
Dinitroaniline, 3,5-	618-87-1	n		25	RSL		
Dinitrobenzene, 1,2-	528-29-0	n		6.3	RSL		
Dinitrobenzene, 1,3-	99-65-0	n		6.3	RSL		
Dinitrobenzene, 1,4-	100-25-4	n		6.3	RSL		
Dinitrophenol, 2,4-	51-28-5	n	TCL	130	RSL		
Dinitrotoluene Mixture, 2,4/2,6-	E1615210	c		8	RSL		
Dinitrotoluene, 2,4-	121-14-2	c	TCL	17	RSL		
Dinitrotoluene, 2,6-	606-20-2	c	TCL	3.6	RSL		
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	n		7.7	RSL		
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	n		7.7	RSL		
Dinitrotoluene, Technical grade	25321-14-6	c		12	RSL		
Dinoseb	88-85-7	n		63	RSL	7	MCL
Dioxane, 1,4-	123-91-1	c		53	RSL		
Dioxins							
~Hexachlorodibenzo-p-dioxin, Mixture	34465-46-8	c		0.001	RSL		
~Tetrachlorodibenzo-p-dioxin, 2,3,7,8- (2,3,7,8-TCDD)	1746-01-6	c		0.000048	RSL	0.00003	MCL

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Diphenamid	957-51-7	n		1900	RSL		
Diphenyl Ether	101-84-8	n		34	RSL		
Diphenyl Sulfone	127-63-9	n		51	RSL		
Diphenylamine	122-39-4	n		6300	RSL		
Diphenylhydrazine, 1,2-	122-66-7	c		6.8	RSL		
Diquat	2764-72-9	n		140	RSL	20	MCL
Direct Black 38	1937-37-7	c		0.73	RSL		
Direct Blue 6	2602-46-2	c		0.73	RSL		
Direct Brown 95	16071-86-6	c		0.81	RSL		
Disulfoton	298-04-4	n		2.5	RSL		
Dithiane, 1,4-	505-29-3	n		780	RSL		
Diuron	330-54-1	n		130	RSL		
Dodine	2439-10-3	n		1300	RSL		
Endosulfan	115-29-7	n		470	RSL		
Endosulfan Sulfate	1031-07-8	n	TCL	380	RSL		
Endothall	145-73-3	n		1300	RSL	100	MCL
Endrin	72-20-8	n	TCL	19	RSL	2	MCL
Epichlorohydrin	106-89-8	n		19	RSL		
Epoxybutane, 1,2-	106-88-7	n		160	RSL		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	n		2500	RSL		
Ethephon	16672-87-0	n		320	RSL		
Ethion	563-12-2	n		32	RSL		
Ethoxyethanol Acetate, 2-	111-15-9	n		2600	RSL		
Ethoxyethanol, 2-	110-80-5	n		2600	RSL		
Ethyl Acetate	141-78-6	n		620	RSL		
Ethyl Acrylate	140-88-5	n		47	RSL		
Ethyl Chloride	75-00-3	n	TCL	5400	RSL		
Ethyl Ether	60-29-7	n		16000	RSL		
Ethyl Methacrylate	97-63-2	n		1800	RSL		
Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	c		1300	RSL		
Ethyl dipropylthiocarbamate, S- (EPTC)	759-94-4	n		3900	RSL		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	n		0.63	RSL		
Ethylbenzene	100-41-4	c	TCL	58	RSL	700	MCL
Ethylene Cyanohydrin	109-78-4	n		4400	RSL		
Ethylene Diamine	107-15-3	n		7000	RSL		
Ethylene Glycol	107-21-1	n		51000	RSL		
Ethylene Glycol Monobutyl Ether	111-76-2	n		6300	RSL		
Ethylene Oxide	75-21-8	c		0.02	RSL		
Ethylene Thiourea	96-45-7	n		5.1	RSL		
Ethyleneimine	151-56-4	c		0.027	RSL		
Ethylphthalyl Ethyl Glycolate	84-72-0	n		100000	MAX		
Fenamiphos	22224-92-6	n		16	RSL		
Fenpropathrin	39515-41-8	n		1600	RSL		
Fenvalerate	51630-58-1	n		1600	RSL		
Fluometuron	2164-17-2	n		820	RSL		
Fluoride	16984-48-8	n		3100	RSL		
Fluorine (Soluble Fluoride)	7782-41-4	n		4700	RSL	2000	DE_MCL

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Fluridone	59756-60-4	n		5100	RSL		
Flurprimidol	56425-91-3	n		2500	RSL		
Flusilazole	85509-19-9	n		130	RSL		
Flutolanil	66332-96-5	n		32000	RSL		
Fluvalinate	69409-94-5	n		630	RSL		
Folpet	133-07-3	n		5700	RSL		
Fomesafen	72178-02-0	n		630	RSL		
Fonofos	944-22-9	n		130	RSL		
Formaldehyde	50-00-0	c		43	RSL		
Formic Acid	64-18-6	n		29	RSL		
Fosetyl-AL	39148-24-8	n		100000	MAX		
Furans							
~Dibenzofuran	132-64-9	n	TCL	78	RSL		
~Furan	110-00-9	n		78	RSL		
-Tetrahydrofuran	109-99-9	n		18000	RSL		
Furazolidone	67-45-8	c		1.4	RSL		
Furfural	98-01-1	n		210	RSL		
Furium	531-82-8	c		3.6	RSL		
Furmecyclox	60568-05-0	c		180	RSL		
Glufosinate, Ammonium	77182-82-2	n		380	RSL		
Glutaraldehyde	111-30-8	n		6000	RSL		
Glycidaldehyde	765-34-4	n		23	RSL		
Glyphosate	1071-83-6	n		6300	RSL	700	MCL
Guanidine	113-00-8	n		780	RSL		
Guanidine Chloride	50-01-1	n		1300	RSL		
Guanidine Nitrate	506-93-4	n		1900	RSL		
Haloxyfop, Methyl	69806-40-2	n		3.2	RSL		
Heptachlor	76-44-8	c	TCL	1.3	RSL	0.4	MCL
Heptachlor Epoxide	1024-57-3	c	TCL	0.7	RSL	0.2	MCL
Heptanal, n-	111-71-7	n		24	RSL		
Heptane, N-	142-82-5	n		22	RSL		
Hexabromobenzene	87-82-1	n		160	RSL		
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	n		13	RSL		
Hexachlorobenzene	118-74-1	n	TCL	0.78	RSL	1	MCL
Hexachlorobutadiene	87-68-3	c	TCL	12	RSL		
Hexachlorocyclohexane, Alpha-	319-84-6	c	TCL	0.86	RSL		
Hexachlorocyclohexane, Beta-	319-85-7	c	TCL	3	RSL		
Hexachlorocyclohexane, Delta-	319-86-8	n		0.0038	RSL		
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	n	TCL	0.057	RSL	0.2	MCL
Hexachlorocyclohexane, Technical	608-73-1	c		3	RSL		
Hexachlorocyclopentadiene	77-47-4	n	TCL	1.8	RSL	50	MCL
Hexachloroethane	67-72-1	c	TCL	18	RSL		
Hexachlorophene	70-30-4	n		19	RSL		
Hexahydro-1,3,5-trinitro-l,3,5-triazine (RDX)	121-82-4	c		83	RSL		
Hexamethylene Diisocyanate, 1,6-	822-06-0	n		3.1	RSL		
Hexamethylene diisocyanate biuret	4035-89-6	n		100000	MAX		
Hexamethylene diisocyanate isocyanurate	3779-63-3	n		100000	MAX		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Hexamethylphosphoramide	680-31-9	n		25	RSL		
Hexane, Commercial	E5241997	c		120	RSL		
Hexane, n-	110-54-3	n		610	RSL		
Hexanedioic Acid	124-04-9	n		100000	MAX		
Hexanol, 1-,2-ethyl- (2-Ethyl-l-hexanol)	104-76-7	n		15	RSL		
Hexanone, 2-	591-78-6	n	TCL	200	RSL		
Hexazinone	51235-04-2	n		2100	RSL		
Hexythiazox	78587-05-0	n		1600	RSL		
Hydramethylnon	67485-29-4	n		1100	RSL		
Hydrazine	302-01-2	c		0.32	RSL		
Hydrazine Sulfate	10034-93-2	c		2.3	RSL		
Hydrogen Chloride	7647-01-0	n		100000	MAX		
Hydrogen Fluoride	7664-39-3	n		3100	RSL		
Hydrogen Sulfide	7783-06-4	n		100000	MAX		
Hydroquinone	123-31-9	c		90	RSL		
Imazalil	35554-44-O	c		89	RSL		
Imazaquin	81335-37-7	n		16000	RSL		
Imazethapyr	81335-77-5	n		100000	MAX		
Iodine	7553-56-2	n		780	RSL		
Iprodione	36734-19-7	n		2500	RSL		
Iron	7439-89-6	n	TAL	75000	BTV		
Isobutyl Alcohol	78-83-1	n		7800	RSL		
Isophorone	78-59-1	c	TCL	5700	RSL		
Isopropalin	33820-53-0	n		1200	RSL		
Isopropanol	67-63-0	n		5600	RSL		
Isopropyl Methyl Phosphonic Acid	1832-54-8	n		6300	RSL		
Isopropyltoluene, p-	99-87-6	n		170	RSL		
Isoxaben	82558-50-7	n		3200	RSL		
Lactofen	77501-63-4	n		510	RSL		
Lactonitrile	78-97-7	n		13	RSL		
Lanthanum	7439-91-0	n		3.9	RSL		
Lanthanum Acetate Hydrate	100587-90-4	n		1.3	RSL		
Lanthanum Chloride Heptahydrate	10025-84-0	n		1.5	RSL		
Lanthanum Chloride, Anhydrous	10099-58-8	n		2.2	RSL		
Lanthanum Nitrate Hexahydrate	10277-43-7	n		1.3	RSL		
Lead Compounds							
-Lead Phosphate	7446-27-7	c		820	RSL		
~Lead acetate	301-04-2	c		26	RSL		
-Lead and Compounds	7439-92-1		TAL	200	RSL	10	MCL
-Lead subacetate	1335-32-6	c		140	RSL		
-Tetraethyl Lead	78-00-2	n		0.0078	RSL		
Lewisite	541-25-3	n		0.39	RSL		
Linuron	330-55-2	n		490	RSL		
Lithium	7439-93-2	n		160	RSL		
Malathion	121-75-5	n		1300	RSL		
Maleic Anhydride	108-31-6	n		6300	RSL		
Maleic Hydrazide	123-33-1	n		32000	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Malononitrile	109-77-3	n		6.3	RSL		
Mancozeb	8018-01-7	n		1900	RSL		
Maneb	12427-38-2	n		320	RSL		
Manganese	7439-96-5	n	TAL	2100	BTV		
Mephosfolan	950-10-7	n		5.7	RSL		
Mepiquat Chloride	24307-26-4	n		1900	RSL		
Mercaptobenzothiazole, 2-	149-30-4	n		250	RSL		
Mercury Compounds							
-Mercuric Chloride	7487-94-7	n		23	RSL	2	MCL
-Mercury (elemental)	7439-97-6	n	TAL	7.1	RSL	2	MCL
-Methyl Mercury	22967-92-6	n		7.8	RSL		
-Phenylmercuric Acetate	62-38-4	n		5.1	RSL		
Merphos	150-50-5	n		2.3	RSL		
Metalaxyl	57837-19-1	n		3800	RSL		
Methacrylonitrile	126-98-7	n		7.5	RSL		
Methamidophos	10265-92-6	n		3.2	RSL		
Methanol	67-56-1	n		100000	MAX		
Methidathion	950-37-8	n		95	RSL		
Methomyl	16752-77-5	n		1600	RSL		
Methoxy-5-nitroaniline, 2-	99-59-2	c		110	RSL		
Methoxychlor	72-43-5	n	TCL	320	RSL	40	MCL
Methoxyethanol Acetate, 2-	110-49-6	n		110	RSL		
Methoxyethanol, 2-	109-86-4	n		260	RSL		
Methyl Acetate	79-20-9	n	TCL	78000	RSL		
Methyl Acrylate	96-33-3	n		150	RSL		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	n	TCL	27000	RSL		
Methyl Hydrazine	60-34-4	n		1	RSL		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	n	TCL	33000	RSL		
Methyl Isocyanate	624-83-9	n		4.6	RSL		
Methyl Methacrylate	80-62-6	n		4400	RSL		
Methyl Parathion	298-00-0	n		16	RSL		
Methyl Phosphonic Acid	993-13-5	n		3800	RSL		
Methyl Styrene (Mixed Isomers)	25013-15-4	n		320	RSL		
Methyl methanesulfonate	66-27-3	c		55	RSL		
Methyl tert-Butyl Ether (MTBE)	1634-04-4	c	TCL	470	RSL	10	DE_MCL
Methyl-l,4-benzenediamine dihydrochloride, 2-	615-45-2	n		19	RSL		
Methyl-2-Pentanol, 4-	108-11-2	n		54000	RSL		
Methyl-5-Nitroaniline, 2-	99-55-8	c		600	RSL		
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	c		0.65	RSL		
Methylaniline Hydrochloride, 2-	636-21-5	c		42	RSL		
Methylarsonic acid	124-58-3	n		630	RSL		
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	n		13	RSL		
Methylbenzene-l,4-diamine sulfate, 2-	615-50-9	n		19	RSL		
Methylcholanthrene, 3-	56-49-5	c		0.055	RSL		
Methylcyclohexane	108-87-2	n		98	RSL		
Methylene Chloride	75-09-2	n	TCL	350	RSL	5	MCL
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	c		12	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	c		120	RSL		
Methylenebisbenzenamine, 4,4'-	101-77-9	c		3.4	RSL		
Methylenediphenyl Diisocyanate	101-68-8	n		100000	MAX		
Methylstyrene, Alpha-	98-83-9	n		5500	RSL		
Metolachlor	51218-45-2	n		9500	RSL		
Metribuzin	21087-64-9	n		1600	RSL		
Metsulfuron-methyl	74223-64-6	n		16000	RSL		
Mineral oils	8012-95-1	n		100000	MAX		
Mirex	2385-85-5	c		0.36	RSL		
Molinate	2212-67-1	n		130	RSL		
Molybdenum	7439-98-7	n		390	RSL		
Monochloramine	10599-90-3	n		7800	RSL		
Monomethylaniline	100-61-8	n		130	RSL		
Myclobutanil	88671-89-0	n		1600	RSL		
N,N'-Diphenyl-l,4-benzenediamine	74-31-7	n		19	RSL		
Naled	300-76-5	n		160	RSL		
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	n		2300	RSL		
Napropamide	15299-99-7	n		7600	RSL		
Nickel Acetate	373-02-4	n		670	RSL		
Nickel Carbonate	3333-67-3	n		670	RSL		
Nickel Carbonyl	13463-39-3	n		820	RSL		
Nickel Hydroxide	12054-48-7	n		820	RSL		
Nickel Oxide	1313-99-1	n		840	RSL		
Nickel Refinery Dust	E715532	n		820	RSL		
Nickel Soluble Salts	7440-02-0	n	TAL	1400	RSL	100	DE_MCL
Nickel Subsulfide	12035-72-2	c		4.1	RSL		
Nickelocene	1271-28-9	c		6	RSL		
Nitrate (measured as nitrogen)	14797-55-8	n		100000	MAX	10000	MCL
Nitrate + Nitrite (measured as nitrogen)	E701177					10000	MCL
Nitrite (measured as nitrogen)	14797-65-0	n		7800	RSL	1000	MCL
Nitroaniline, 2-	88-74-4	n	TCL	630	RSL		
Nitroaniline, 4-	100-01-6	n	TCL	250	RSL		
Nitrobenzene	98-95-3	c	TCL	51	RSL		
Nitrocellulose	9004-70-0	n		100000	MAX		
Nitrofurantoin	67-20-9	n		4400	RSL		
Nitrofurazone	59-87-0	c		4.2	RSL		
Nitroglycerin	55-63-0	n		6.3	RSL		
Nitroguanidine	556-88-7	n		6300	RSL		
Nitromethane	75-52-5	c		54	RSL		
Nitropropane, 2-	79-46-9	c		0.64	RSL		
Nitroso-N-ethylurea, N-	759-73-9	c		0.045	RSL		
Nitroso-N-methylurea, N-	684-93-5	c		0.01	RSL		
Nitrosodibutylamine, N-	924-16-3	c		0.99	RSL		
Nitrosodiethanolamine, N-	1116-54-7	c		1.9	RSL		
Nitrosodiethylamine, N-	55-18-5	c		0.0081	RSL		
Nitrosodimethylamine, N-	62-75-9	c		0.02	RSL		
Nitrosodiphenylamine, N-	86-30-6	c	TCL	1100	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Nitrosodipropylamine, N-	621-64-7	c	TCL	0.78	RSL		
Nitrosomethylethylamine, N-	10595-95-6	c		0.2	RSL		
Nitrosomorpholine [N-]	59-89-2	c		0.81	RSL		
Nitrosopiperidine [N-]	100-75-4	c		0.58	RSL		
Nitrosopyrrolidine, N-	930-55-2	c		2.6	RSL		
Nitrotoluene, m-	99-08-1	n		6.3	RSL		
Nitrotoluene, o-	88-72-2	c		32	RSL		
Nitrotoluene, p-	99-99-0	n		250	RSL		
Nonane, n-	111-84-2	n		11	RSL		
Norflurazon	27314-13-2	n		95	RSL		
Octabromodiphenyl Ether	32536-52-0	n		190	RSL		
Octahydro-l,3,5,7-tetranitro-l,3,5,7-tetrazocine (HMX)	2691-41-0	n		3900	RSL		
Octamethylpyrophosphoramide	152-16-9	n		130	RSL		
Oryzalin	19044-88-3	c		700	RSL		
Oxadiazon	19666-30-9	n		320	RSL		
Oxamyl	23135-22-0	n		1600	RSL	200	MCL
Oxyfluorfen	42874-03-3	c		74	RSL		
Paclobutrazol	76738-62-0	n		820	RSL		
Paraquat Dichloride	1910-42-5	n		280	RSL		
Parathion	56-38-2	n		380	RSL		
Pebulate	1114-71-2	n		3900	RSL		
Pendimethalin	40487-42-1	n		19000	RSL		
Pentabromodiphenyl Ether	32534-81-9	n		160	RSL		
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	n		6.3	RSL		
Pentachlorobenzene	608-93-5	n		63	RSL		
Pentachloroethane	76-01-7	c		77	RSL		
Pentachloronitrobenzene	82-68-8	c		27	RSL		
Pentachlorophenol	87-86-5	c	TCL	10	RSL	1	MCL
Pentaerythritol tetranitrate (PETN)	78-11-5	n		570	RSL		
Pentamethylphosphoramide (PMPA)	10159-46-3	n		6.3	RSL		
Pentane, n-	109-66-0	n		810	RSL		
Per- and Polyfluoroalkyl Substances (PFAS Salts)							
-Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-80-3	n		0.19	RSL		
-Ammonium perfluorobutanoate	10495-86-0	n		78	RSL		
-Ammonium perfluorodecanoate	3108-42-7	n		0.00013	RSL		
-Ammonium perfluorohexanoate	21615-47-4	n		32	RSL		
-Ammonium perfluorooctanoate	3825-26-1	c		0.00019	RSL		
-Lithium bis[(trifluoromethyl)sulfonyl]azanide	90076-65-6	n		23	RSL		
-Potassium perfluorobutanesulfonate	29420-49-3	n		19	RSL		
-Potassium perfluorobutanoate	2966-54-3	n		160	RSL		
-Potassium perfluorooctanesulfonate	2795-39-3	n		0.0063	RSL		
-Sodium perfluorobutanoate	2218-54-4	n		78	RSL		
-Sodium perfluorohexanoate	2923-26-4	n		32	RSL		
Per- and Polyfluoroalkyl Substances (PFAS)							
~Bis(trifluoromethylsulfonyl)amine (TFSI)	82113-65-3	n		23	RSL		
-Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	n		0.23	RSL	0.01	MCL
~Perfluoro(2-propoxypropanoate)	122499-17-6	n		0.23	RSL	0.01	MCL

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Perfluorobutanesulfonate	45187-15-3	n		19	RSL		
~Perfluorobutanesulfonic acid (PFBS)	375-73-5	n		19	RSL		
~Perfluorobutanoate	45048-62-2	n		78	RSL		
“Perfluorobutanoic acid (PFBA)	375-22-4	n		78	RSL		
~Perfluorodecanoate	73829-36-4	n		0.00013	RSL		
“Perfluorodecanoic acid (PFDA)	335-76-2	n		0.00013	RSL		
~Perfluorododecanoic acid (PFDoDA)	307-55-1	n		3.2	RSL		
~Perfluorohexanesulfonate	108427-53-8	n		1.3	RSL	0.01	MCL
“Perfluorohexanesulfonic acid (PFHxS)	355-46-4	n		1.3	RSL	0.01	MCL
“Perfluorohexanoate	92612-52-7	n		32	RSL		
“Perfluorohexanoic acid (PFHxA)	307-24-4	n		32	RSL		
“Perfluorononanoate	72007-68-2	n		0.19	RSL	0.01	MCL
“Perfluorononanoic acid (PFNA)	375-95-1	n		0.19	RSL	0.01	MCL
~Perfluorooctadecanoic acid (PFODA)	16517-11-6	n		2500	RSL		
“Perfluorooctanesulfonate	45298-90-6	n		0.0063	RSL	0.004	MCL
“Perfluorooctanesulfonic acid (PFOS)	1763-23-1	n		0.0063	RSL	0.004	MCL
“Perfluorooctanoate	45285-51-6	c		0.00019	RSL	0.004	MCL
“Perfluorooctanoic acid (PFOA)	335-67-1	c		0.00019	RSL	0.004	MCL
“Perfluoropropanoic acid (PFPrA)	422-64-0	n		39	RSL		
~Perfluorotetradecanoic acid (PFTetDA)	376-06-7	n		63	RSL		
“Perfluoroundecanoic acid (PFUDA)	2058-94-8	n		19	RSL		
“Potassium perfluorodecanoate	51604-85-4	n		0.00014	RSL		
“Sodium perfluorodecanoate	3830-45-3	n		0.00013	RSL		
Perchlorates							
“Ammonium Perchlorate	7790-98-9	n		55	RSL		
“Lithium Perchlorate	7791-03-9	n		55	RSL		
“Perchlorate and Perchlorate Salts	14797-73-0	n		55	RSL	15	MCL
“Potassium Perchlorate	7778-74-7	n		55	RSL		
“Sodium Perchlorate	7601-89-0	n		55	RSL		
Permethrin	52645-53-1	n		3200	RSL		
Phenacetin	62-44-2	c		2500	RSL		
Phenmedipham	13684-63-4	n		15000	RSL		
Phenol	108-95-2	n	TCL	19000	RSL		
Phenol, 2-(l-methylethoxy)-, methylcarbamate	114-26-1	n		250	RSL		
Phenothiazine	92-84-2	n		32	RSL		
Phenyl Isothiocyanate	103-72-0	n		16	RSL		
Phenylenediamine, m-	108-45-2	n		380	RSL		
Phenylenediamine, o-	95-54-5	c		10	RSL		
Phenylenediamine, p-	106-50-3	n		63	RSL		
Phenylphenol, 2-	90-43-7	c		2800	RSL		
Phorate	298-02-2	n		13	RSL		
Phosgene	75-44-5	n		0.31	RSL		
Phosmet	732-11-6	n		1300	RSL		
Phosphates, Inorganic							
-Aluminum metaphosphate	13776-88-0	n		100000	MAX		
“Aluminum salts of inorganic phosphates	E524680405	n		23000	RSL		
~Dipotassium phosphate	7758-11-4	n		78000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Disodium phosphate	7558-79-4	n		78000	RSL		
~Monoaluminum phosphate	13530-50-2	n		100000	MAX		
-Monopotassium phosphate	7778-77-0	n		78000	RSL		
-Monosodium phosphate	7558-80-7	n		78000	RSL		
-Phosphoric Acid	7664-38-2	n		78000	RSL		
-Phosphoric acid, aluminum salt (1:1) [aluminum phosphate]	7784-30-7	n		86000	RSL		
-Phosphoric acid, aluminum sodium salt (1:X:X) [sodium aluminum	7785-88-8	n		100000	MAX		
-Polyphosphoric acid	8017-16-1	n		78000	RSL		
-Potassium salts of inorganic phosphates	E524680403	n		78000	RSL		
-Potassium tripolyphosphate	13845-36-8	n		78000	RSL		
-Sodium aluminum phosphate (anhydrous)	10279-59-1	n		100000	MAX		
-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	n		100000	MAX		
-Sodium hexametaphosphate	10124-56-8	n		78000	RSL		
-Sodium polyphosphate	68915-31-1	n		78000	RSL		
-Sodium pyrophosphate	7758-16-9	n		78000	RSL		
-Sodium salts of inorganic phosphates	E524680404	n		78000	RSL		
-Sodium trimetaphosphate	7785-84-4	n		78000	RSL		
-Sodium tripolyphosphate	7758-29-4	n		78000	RSL		
-Tetrapotassium phosphate	7320-34-5	n		78000	RSL		
-Tetrasodium pyrophosphate	7722-88-5	n		78000	RSL		
-Trialuminum sodium tetra decahydrogenoctaorthophosphate	15136-87-5	n		100000	MAX		
-Triphosphoric acid, aluminum salt (1:1) [aluminum triphosphate]	13939-25-8	n		100000	MAX		
-Tripotassium phosphate	7778-53-2	n		78000	RSL		
-Trisodium phosphate	7601-54-9	n		78000	RSL		
Phosphine	7803-51-2	n		23	RSL		
Phosphorus	7723-14-0	n		1.6	RSL		
Phthalates							
~Bis(2-ethylhexyl)phthalate	117-81-7	c	TCL	390	RSL	6	MCL
-Butyl Benzyl Phthalate	85-68-7	c	TCL	2900	RSL		
-Butylphthalyl Butylglycolate	85-70-1	n		63000	RSL		
-Dibutyl Phthalate	84-74-2	n	TCL	6300	RSL		
-Diethyl Phthalate	84-66-2	n	TCL	51000	RSL		
-Dimethylterephthalate	120-61-6	n		7800	RSL		
-Octyl Phthalate, di-N-	117-84-0	n	TCL	630	RSL		
-Phthalic Acid, p-	100-21-0	n		32000	RSL		
-Phthalic Anhydride	85-44-9	n		100000	MAX		
Picloram	1918-02-1	n		4400	RSL	500	MCL
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	n		6.3	RSL		
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	n		130	RSL		
Pirimiphos, Methyl	29232-93-7	n		46	RSL		
Polybrominated Biphenyls	36355-01-8	c		0.18	RSL		
Polychlorinated Biphenyls (PCBs)							
-Aroclor 1016	12674-11-2	n	TCL	4.1	RSL		
-Aroclor 1221	11104-28-2	c	TCL	2	RSL		
-Aroclor 1232	11141-16-5	c	TCL	1.7	RSL		
-Aroclor 1242	53469-21-9	c	TCL	2.3	RSL		
-Aroclor 1248	12672-29-6	c	TCL	2.3	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Aroclor 1254	11097-69-1	n	TCL	1.2	RSL		
~Aroclor 1260	11096-82-5	c	TCL	2.4	RSL		
-Aroclor 5460	11126-42-4	n		35	RSL		
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	c		1.3	RSL		
-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	c		1.2	RSL		
-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	c		1.2	RSL		
-Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	c		1.2	RSL		
-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	c		0.0012	RSL		
-Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	c		1.2	RSL		
-Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	c		0.00036	RSL		
-Polychlorinated Biphenyls (Total PCBs)	1336-36-3	c		2.3	RSL	0.5	MCL
-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	c		0.38	RSL		
-Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	c		0.12	RSL		
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	n		100000	MAX		
Polynuclear Aromatic Hydrocarbons (PAHs)							
-Acenaphthene	83-32-9	n	TCL	3600	RSL		
-Anthracene	120-12-7	n	TCL	18000	RSL		
~Benz[a]anthracene	56-55-3	c	TCL	11	RSL		
~Benzo[a]pyrene	50-32-8	c	TCL	1.1	RSL	0.2	MCL
~Benzo[b]fluoranthene	205-99-2	c	TCL	11	RSL		
~Benzo[e]pyrene	192-97-2	n		5.7	RSL		
~Benzo[j]fluoranthene	205-82-3	c		4.2	RSL		
~Benzo[k]fluoranthene	207-08-9	c	TCL	110	RSL		
-Benzofluorene, 2,3-	243-17-4	n		320	RSL		
-Chloronaphthalene, Beta-	91-58-7	n	TCL	4800	RSL		
-Chrysene	218-01-9	c	TCL	1100	RSL		
~Dibenz[a,h]anthracene	53-70-3	c	TCL	1.1	RSL		
~Dibenzo[a,e]pyrene	192-65-4	c		0.42	RSL		
~Dimethylbenz[a]anthracene, 7,12-	57-97-6	c		0.0046	RSL		
-Fluoranthene	206-44-0	n	TCL	2400	RSL		
-Fluorene	86-73-7	n	TCL	2400	RSL		
~Indeno[l,2,3-cd]pyrene	193-39-5	c	TCL	11	RSL		
-Methylnaphthalene, 1-	90-12-0	n		0.18	RSL		
-Methylnaphthalene, 2-	91-57-6	n	TCL	240	RSL		
-Naphthalene	91-20-3	c	TCL	20	RSL		
-Naphthylamine, 2-	91-59-8	c		3	RSL		
-Nitropyrene, 4-	57835-92-4	c		4.2	RSL		
-Perylene	198-55-0	n		5.4	RSL		
-Phenanthrene	85-01-8	n	TCL	1800	PYR		
-Pyrene	129-00-0	n	TCL	1800	RSL		
Prochloraz	67747-09-5	c		36	RSL		
Profluralin	26399-36-0	n		470	RSL		
Prometon	1610-18-0	n		950	RSL		
Prometryn	7287-19-6	n		2500	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Pronamide	23950-58-5	n		4700	RSL		
Propachlor	1918-16-7	n		820	RSL		
Propanil	709-98-8	n		320	RSL		
Propargite	2312-35-8	c		28	RSL		
Propargyl Alcohol	107-19-7	n		160	RSL		
Propazine	139-40-2	n		1300	RSL		
Propham	122-42-9	n		1300	RSL		
Propiconazole	60207-90-1	n		6300	RSL		
Propionaldehyde	123-38-6	n		75	RSL		
Propionic acid, 2-(2-methyl-4-chlorophenoxy) (MCPP)	93-65-2	n		63	RSL		
Propyl benzene	103-65-1	n		3800	RSL		
Propylene	115-07-1	n		2200	RSL		
Propylene Glycol	57-55-6	n		100000	MAX		
Propylene Glycol Dinitrate	6423-43-4	n		100000	MAX		
Propylene Glycol Monomethyl Ether	107-98-2	n		41000	RSL		
Propylene Oxide	75-56-9	c		21	RSL		
Pyridine	110-86-1	n		78	RSL		
Quinalphos	13593-03-8	n		32	RSL		
Quinoline	91-22-5	c		1.8	RSL		
Quizalofop-ethyl	76578-14-8	n		570	RSL		
Resmethrin	10453-86-8	n		1900	RSL		
Ronnel	299-84-3	n		3900	RSL		
Rotenone	83-79-4	n		250	RSL		
Safrole	94-59-7	c		5.5	RSL		
Selenious Acid	7783-00-8	n		390	RSL		
Selenium	7782-49-2	n	TAL	390	RSL	50	MCL
Selenium Sulfide	7446-34-6	n		390	RSL		
Sethoxydim	74051-80-2	n		8800	RSL		
Silica (crystalline, respirable)	7631-86-9	n		5000	NIOSH		
Silver	7440-22-4	n	TAL	390	RSL		
Simazine	122-34-9	c		45	RSL	4	MCL
Sodium Acifluorfen	62476-59-9	n		820	RSL		
Sodium Azide	26628-22-8	n		310	RSL		
Sodium Diethyldithiocarbamate	148-18-5	c		20	RSL		
Sodium Fluoride	7681-49-4	n		3900	RSL		
Sodium Fluoroacetate	62-74-8	n		1.3	RSL		
Sodium Metavanadate	13718-26-8	n		78	RSL		
Sodium Tungstate	13472-45-2	n		63	RSL		
Sodium Tungstate Dihydrate	10213-10-2	n		63	RSL		
Stirofos (Tetrachlorovinphos)	961-11-5	c		230	RSL		
Strontium, Stable	7440-24-6	n		47000	RSL		
Strychnine	57-24-9	n		19	RSL		
Styrene	100-42-5	n	TCL	6000	RSL	100	MCL
Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	n		190	RSL		
Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	n		190	RSL		
Sulfolane	126-33-0	n		63	RSL		
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	n		51	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Sulfur Trioxide	7446-11-9	n		100000	MAX		
Sulfuric Acid	7664-93-9	n		100000	MAX		
Sulfurous acid, 2-chloroethyl 2-[4-(l,l-dimethylethyl)phenoxy]-l-	140-57-8	c		220	RSL		
Tebuthiuron	34014-18-1	n		4400	RSL		
Temephos	3383-96-8	n		1300	RSL		
Terbacil	5902-51-2	n		820	RSL		
Terbufos	13071-79-9	n		2	RSL		
Terbutryn	886-50-0	n		63	RSL		
Tert-Butyl Acetate	540-88-5	c		81	RSL		
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	n		6.3	RSL		
Tetrachlorobenzene, 1,2,4,5-	95-94-3	n	TCL	2.3	RSL		
Tetrachloroethane, 1,1,1,2-	630-20-6	c		20	RSL		
Tetrachloroethane, 1,1,2,2-	79-34-5	c	TCL	6	RSL		
Tetrachloroethylene	127-18-4	n	TCL	81	RSL	1	DE_MCL
Tetrachlorophenol, 2,3,4,6-	58-90-2	n	TCL	1900	RSL		
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	c		0.43	RSL		
Tetraethyl Dithiopyrophosphate	3689-24-5	n		32	RSL		
Tetrafluoroethane, 1,1,1,2-	811-97-2	n		100000	MAX		
Tetramethylphosphoramide, -N,N,N',N'' (TMPA)	16853-36-4	n		6.3	RSL		
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	n		160	RSL		
Thallic Oxide	1314-32-5	n		1.6	RSL		
Thallium (1) Nitrate	10102-45-1	n		0.78	RSL		
Thallium (Soluble Salts)	7440-28-0	n	TAL	0.78	RSL	2	MCL
Thallium Acetate	563-68-8	n		0.78	RSL		
Thallium Carbonate	6533-73-9	n		1.3	RSL		
Thallium Chloride	7791-12-0	n		0.78	RSL		
Thallium Selenite	12039-52-0	n		0.78	RSL		
Thallium Sulfate	7446-18-6	n		1.6	RSL		
Thifensulfuron-methyl	79277-27-3	n		2700	RSL		
Thiobencarb	28249-77-6	n		630	RSL		
Thiocyanates	E1790665	n		16	RSL		
Thiocyanic Acid	463-56-9	n		16	RSL		
Thiocyanic acid, (2-benzothiazolylthio)methyl ester (TCMTB)	21564-17-0	n		1900	RSL		
Thiodiglycol	111-48-8	n		5400	RSL		
Thiofanox	39196-18-4	n		19	RSL		
Thiophanate, Methyl	23564-05-8	c		470	RSL		
Thiram	137-26-8	n		950	RSL		
Thitrol (MCPB)	94-81-5	n		2800	RSL		
Tin	7440-31-5	n		47000	RSL		
Titanium Tetrachloride	7550-45-0	n		50000	NIOSH		
Toluene	108-88-3	n	TCL	4900	RSL	1000	MCL
Toluene-2,4-diisocyanate	584-84-9	n		6.4	RSL		
Toluene-2,6-diisocyanate	91-08-7	n		5.3	RSL		
Toluenediamine, 2,3-	2687-25-4	n		6.3	RSL		
Toluenediamine, 2,5-	95-70-5	n		13	RSL		
Toluenediamine, 3,4-	496-72-0	n		6.3	RSL		
Toluic Acid, p-	99-94-5	n		320	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Toluidine, o- (Methylaniline, 2-)	95-53-4	c		340	RSL		
Toluidine, p-	106-49-0	c		180	RSL		
Total Petroleum Hydrocarbons (TPH)							
-Diesel Range Organics (DRO)	TPH.DRO			1000	DRO		
-Gasoline Range Organics (GRO)	TPH.GRO			100	GRO		
-Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	n		100000	MAX		
-Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	n		250	RSL		
-Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	n		96	RSL		
-Total Petroleum Hydrocarbons (Aromatic High)	E1790676	n		18	RSL		
-Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	n		300	RSL		
Toxaphene	8001-35-2	c	TCL	4.9	RSL	3	MCL
Toxaphene, Weathered	E1841606	n		1.9	RSL		
Tralomethrin	66841-25-6	n		470	RSL		
Tri-n-butyltin	688-73-3	n		23	RSL		
Triacetin	102-76-1	n		100000	MAX		
Triadimefon	43121-43-3	n		2100	RSL		
Triallate	2303-17-5	c		97	RSL		
Triasulfuron	82097-50-5	n		630	RSL		
Tribenuron-methyl	101200-48-0	n		510	RSL		
Tribromobenzene, 1,2,4-	615-54-3	n		390	RSL		
Tribromophenol, 2,4,6-	118-79-6	n		570	RSL		
Tribufos	78-48-8	n		13	RSL		
Tributyl Phosphate	126-73-8	c		600	RSL		
Tributyltin Compounds	E1790679	n		19	RSL		
Tributyltin Oxide	56-35-9	n		19	RSL		
Trichloro-l,2,2-trifluoroethane, 1,1,2-	76-13-1	n	TCL	6700	RSL		
Trichloroacetic Acid	76-03-9	c		78	RSL	60	MCL
Trichloroaniline HCl, 2,4,6-	33663-50-2	c		190	RSL		
Trichloroaniline, 2,4,6-	634-93-5	n		1.9	RSL		
Trichlorobenzene, 1,2,3-	87-61-6	n	TCL	63	RSL		
Trichlorobenzene, 1,2,4-	120-82-1	n	TCL	58	RSL	70	MCL
Trichloroethane, 1,1,1-	71-55-6	n	TCL	8100	RSL	200	MCL
Trichloroethane, 1,1,2-	79-00-5	n	TCL	1.5	RSL	5	MCL
Trichloroethylene	79-01-6	n	TCL	4.1	RSL	1	DE_MCL
Trichlorofluoromethane	75-69-4	n	TCL	23000	RSL		
Trichlorophenol, 2,4,5-	95-95-4	n	TCL	6300	RSL		
Trichlorophenol, 2,4,6-	88-06-2	n	TCL	63	RSL		
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	n		630	RSL		
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	n		510	RSL	50	MCL
Trichloropropane, 1,1,2-	598-77-6	n		390	RSL		
Trichloropropane, 1,2,3-	96-18-4	c		0.051	RSL		
Trichloropropene, 1,2,3-	96-19-5	n		0.73	RSL		
Tricresyl Phosphate (TCP)	1330-78-5	n		1300	RSL		
Tridiphane	58138-08-2	n		190	RSL		
Triethylamine	121-44-8	n		120	RSL		
Triethylene Glycol	112-27-6	n		100000	MAX		
Trifluoroethane, 1,1,1-	420-46-2	n		15000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Trifluralin	1582-09-8	n		590	RSL		
Trimethyl Phosphate	512-56-1	c		270	RSL		
Trimethylbenzene, 1,2,3-	526-73-8	n		340	RSL		
Trimethylbenzene, 1,2,4-	95-63-6	n		300	RSL		
Trimethylbenzene, 1,3,5-	108-67-8	n		270	RSL		
Trimethylpentene, 2,4,4-	25167-70-8	n		780	RSL		
Trinitrobenzene, 1,3,5-	99-35-4	n		2200	RSL		
Trinitrotoluene, 2,4,6-	118-96-7	n		36	RSL		
Triphenylphosphine Oxide	791-28-6	n		1300	RSL		
Tris(l,3-Dichloro-2-propyl) Phosphate	13674-87-8	n		1300	RSL		
Tris(l-chloro-2-propyl)phosphate	13674-84-5	n		630	RSL		
Tris(2,3-dibromopropyl)phosphate	126-72-7	c		2.8	RSL		
Tris(2-chloroethyl)phosphate	115-96-8	c		270	RSL		
Tris(2-ethylhexyl)phosphate	78-42-2	c		1700	RSL		
Tungsten	7440-33-7	n		63	RSL		
Uranium (Soluble Salts)	7440-61-1	n		16	RSL	30	MCL
Urethane	51-79-6	c		1.2	RSL		
Vanadium Pentoxide	1314-62-1	n		660	RSL		
Vanadium and Compounds	7440-62-2	n	TAL	390	RSL		
Vernolate	1929-77-7	n		78	RSL		
Vinclozolin	50471-44-8	n		76	RSL		
Vinyl Acetate	108-05-4	n		910	RSL		
Vinyl Bromide	593-60-2	c		2.6	RSL		
Vinyl Chloride	75-01-4	c	TCL	0.59	RSL	1	DE_MCL
Warfarin	81-81-2	n		19	RSL		
Xylene, m-	108-38-3	n		550	RSL		
Xylene, o-	95-47-6	n	TCL	640	RSL		
Xylene, p-	106-42-3	n		560	RSL		
Xylenes	1330-20-7	n		580	RSL	10000	MCL
Zinc Phosphide	1314-84-7	n		23	RSL		
Zinc and Compounds	7440-66-6	n	TAL	23000	RSL		
Zineb	12122-67-7	n		3200	RSL		
Zirconium	7440-67-7	n		6.3	RSL		

HSCA Human Health Reporting Level Table

Comparison - December 2025 vs October 2024

Row Color	Description
yellow	New row December 2025
blue	Old row October 2024
gray	Change effect from old to new

HSCA Human Health Reporting Level Table Comparison - December 2025 vs October 2024

Analyte	CAS No.	Type of Observation	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Acetic acid, 2-(4-Chloro-2-methylphenoxy) (MCPA)	94-74-6	December 2025	n		32	RSL	-	
Ammonium perfluorodecanoate	3108-42-7	December 2025	n		0.00013	RSL	-	
Benzofluorene, 2,3-	243-17-4	December 2025	n		320	RSL	-	
Butanol, N-	71-36-3	October 2024	n		7800	RSL	-	
Butanol, n-	71-36-3	December 2025	n		7800	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	October 2024	c		0.1	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	December 2025	c		0.036	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	.....	Change Effect	.	...	-0.064	.....	-	—
Chromium(lll) (Soluble Compounds)	16065-83-1	October 2024	n		85000	RSL	-	
Chromium(lll), (Insoluble Salts)	16065-83-1	December 2025	n		50000	NIOSH	-	
Chromium(lll), (Soluble Compounds)	16065-83-1	December 2025	n		85000	RSL	-	
Chromium(lll), Insoluble Salts	16065-83-1	October 2024	n		50000	NIOSH	-	
Chromium(VI)	18540-29-9	October 2024	c		3	RSL	-	
Chromium(VI)	18540-29-9	December 2025	c		9.5	RSL	-	
Chromium(VI)	.....	Change Effect	.	...	6.5	.....	-	—
Chromium, Total	7440-47-3	October 2024		TAL	214	BTV	100	MCL
Chromium, Total	7440-47-3	December 2025		TAL	210	BTV	100	MCL
Chromium, Total	▮–.....	Change Effect	.	...	-4	.....	-	—
Cyanide (CN-)	57-12-5	October 2024	n	TAL	23	RSL	200	MCL
Cyanide (CN-)	57-12-5	December 2025	n	TAL	24	RSL	200	MCL
Cyanide (CN-)	—	Change Effect	.	...	1	.....	-	—
Dichloroethylene, 1,1-	75-35-4	October 2024	n	TCL	230	RSL	7	MCL
Dichloroethylene, 1,1-	75-35-4	December 2025	n	TCL	4.8	RSL	7	MCL
Dichloroethylene, 1,1-	.....	Change Effect	.	...	-225.2	.....	-	—
Dimethoxybenzidine, 3,3'-	119-90-4	October 2024	c		3.4	RSL	-	
Dimethoxybenzidine, 3,3'-	119-90-4	December 2025	c		0.76	RSL	-	
Dimethoxybenzidine, 3,3'-	–.....	Change Effect	.	...	-2.64	.....	-	.....
Dimethyl Sulfide	75-18-3	December 2025	n		0.62	RSL	-	
Dimethylbenzidine, 3,3'-	119-93-7	October 2024	c		0.49	RSL	-	
Dimethylbenzidine, 3,3'-	119-93-7	December 2025	c		0.11	RSL	-	
Dimethylbenzidine, 3,3'-	.....	Change Effect	.	...	-0.38	....	-	.....
EPTC	759-94-4	October 2024	n		3900	RSL	-	
Ethyl dipropylthiocarbamate, S- (EPTC)	759-94-4	December 2025	n		3900	RSL	-	
Formaldehyde	50-00-0	October 2024	c		110	RSL	-	
Formaldehyde	50-00-0	December 2025	c		43	RSL	-	
Formaldehyde	.....	Change Effect	.	...	-67	.....	-	[redacted]
Hexachlorocyclohexane, Delta-	319-86-8	December 2025	n		0.0038	RSL	-	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	October 2024	c	TCL	5.7	RSL	0.2	MCL
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	December 2025	n	TCL	0.057	RSL	0.2	MCL
Hexachlorocyclohexane, Gamma- (Lindane)	.....	Change Effect	X	...	-5.643	.....	-	.....
Hexane, N-	110-54-3	October 2024	n		610	RSL	-	
Hexane, n-	110-54-3	December 2025	n		610	RSL	-	
Iron	7439-89-6	October 2024	n	TAL	74767	BTV	-	
Iron	7439-89-6	December 2025	n	TAL	75000	BTV	-	
Iron	. .....	Change Effect	.	...	233	.....	-	[redacted]
Isopropyltoluene, p-	99-87-6	December 2025	n		170	RSL	-	
Lead and Compounds	7439-92-1	October 2024		TAL	200	RSL	15	MCL
Lead and Compounds	7439-92-1	December 2025		TAL	200	RSL	10	MCL
Lead and Compounds	.....	Change Effect	.	...	-	.....	-5	.....

HSCA Human Health Reporting Level Table Comparison - December 2025 vs October 2024

Analyte	CAS No.	Type of Observation	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Lead and Compounds (with other sources of lead present, see Guidance)	7439-92-1	October 2024		TAL	100	RSL	-	
MCPA	94-74-6	October 2024	n		32	RSL	-	
MCPB	94-81-5	October 2024	n		2800	RSL	-	
MCPP	93-65-2	October 2024	n		63	RSL	-	
Mercury (elemental)	7439-97-6	October 2024	n	TAL	11	RSL	2	MCL
Mercury (elemental)	7439-97-6	December 2025	n	TAL	7.1	RSL	2	MCL
Mercury (elemental)	.....	Change Effect	.	...	-3.9	.....	-	—
Perfluoro(2-propoxypropanoate)	122499-17-6	December 2025	n		0.23	RSL	0.01	MCL
Perfluorodecanoate	73829-36-4	December 2025	n		0.00013	RSL	-	
Perfluorodecanoic acid (PFDA)	335-76-2	December 2025	n		0.00013	RSL	-	
Phenylenediamine, o-	95-54-5	October 2024	c		45	RSL	-	
Phenylenediamine, o-	95-54-5	December 2025	c		10	RSL	-	
Phenylenediamine, o-	—	Change Effect	.	...	-35	.....	-	—
Potassium perfluorodecanoate	51604-85-4	December 2025	n		0.00014	RSL	-	
Propionic acid, 2-(2-methyl-4-chlorophenoxy) (MCPP)	93-65-2	December 2025	n		63	RSL	-	
Sodium perfluorodecanoate	3830-45-3	December 2025	n		0.00013	RSL	-	
TCDD, 2,3,7,8-	1746-01-6	October 2024	c		0.000048	RSL	0.00003	MCL
Tetrachlorodibenzo-p-dioxin, 2,3.7,8- (2,3,7,8-TCDD)	1746-01-6	December 2025	c		0.000048	RSL	0.00003	MCL
Thitrol (MCPB)	94-81-5	December 2025	n		2800	RSL	-	

Attachment 5
Soil and Waste Tracking Log

Soil and Waste Tracking Log

Project Name: _____

Project Address: _____

Contractor: _____

Excavation Data								Initial Observation			Testing Data							
Excavation Date	Contractor	Soil Origin	Storage Location	Stockpile/ Container ID	Container Type	Volume (CY)	90-DAY Ship-by Date	Visual/PID Designation	On-Site Reuse Location	Date Placed in SWMU	Sampled Y/N	Sample Type	VOC Reading	Sample Date	Sample ID	Analytical Suite	Date Samples Arrived at Lab	Laboratory Name
1/1/2026	Walsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-001	Stockpile	500	4/1/2026	No visual contam observed, PID=0.0	SWMU-02	1/30/2026	N	-	-	-	-	-	-	-
1/10/2026	WaLsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-002	Stockpile	500	4/10/2026	Visual discoloration (white), PID=1.5	-	-	Y	G/C	2.5	1/30/2026	WC_S02_01302026	TCL VOCs, DRO, GRO, TAL Metals, PCBs, RICs, O&G, TOC, COD, Am-Nit, TS, TVS, Full RCRA TCLP, T-Cn	2/1/2026	Eurofins Lancaster
2/1/2026	Walsh/SBI	SWMU-04	Stockpile within SWMU04Area	SP-003	Stockpile	500	5/2/2026	Visual discoloration (white, blue), PID=1.5	-	-	Y	G/C	2.5	1/30/2026	WC_S02_01302026	TCL VOCs, DRO, GRO, TAL Metals, PCBs, RICs, O&G, TOC, COD, Am-Nit, TS, TVS, Full RCRA TCLP, T-Cn	2/1/2026	Eurofins Lancaster

Soil and Waste Tracking Log

Project Name: _____

Project Address: _____

Contractor: _____

Excavation Data								Results/Disposal						
Excavation Date	Contractor	Soil Origin	Storage Location	Stockpile/ Container ID	Container Type	Volume (CY)	90-DAY Ship-by Date	Waste Designation	Waste Profile ID	Date Transported Offsite	Manifest Number	Transporter	Disposal Facility	Disposal Facility Date
1/1/2026	Walsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-001	Stockpile	500	4/1/2026	On-site reuse	-	-	-	-	-	-
1/10/2026	WaLsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-002	Stockpile	500	4/10/2026	Non-haz	XYZ001	2/20/2026	001002036JJK	ABC Trans	ABC Landfill	2/20/2026
2/1/2026	Walsh/SBI	SWMU-04	Stockpile within SWMU04Area	SP-003	Stockpile	500	5/2/2026	RCRA-Hazardous	JKO1234	4/1/2026	001002037JJK	XYZ Trans	Haz123TSDF	4/1/2026

Appendix B
Soils Management Plan (Excavation and Materials Handling Contingency Plan (EMHCP))

Excavation and Materials Handling Contingency Plan (Phase 1)

Date:	February 2026 Revised March 2026 Revised May 2026
Client:	Enstructure DCT LLC/DSPC - a Walsh/SBI JV in contract with Enstructure
Project Name:	Delaware Container Terminal Edgemoor Planning & OR Support
State Permit No.:	HW31B04
US EPA ID No.:	DED000800284
Project No.:	T2484300b
Attention:	Katie Faulkner
Company:	State of Delaware Department of Natural Resources and Environmental Control - Remediation Section
Prepared By:	Jacobs
Document No.:	251117190219_2a8d097c
Copies To:	Walsh: Brian Midlick and Andrew Saunders Enstructure: Diego Lopez and John Reece DSPC: Brian Devine

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1. Introduction

This Excavation and Materials Handling and Contingency Plan (Plan) aims to provide environmental guidance for excavation activities, work in the subsurface environment, and the handling of excavated materials during the development of the Delaware Container Terminal (DCT) at the Former Chemours Edgemoor Plant in Wilmington, Delaware, (Site) during Phase 1 development. This Plan is based on the current understanding of environmental conditions that exist or may be encountered at the Site. It prioritizes onsite reuse by minimizing offsite disposal in accordance with the Department of Natural Resources and Environmental Control (DNREC) Division of Waste and Hazardous Substances, Remediation Section's (DNREC-RS's) Final Decision and Response to Comments (FDRTC or Final Decision) for the Site (DNREC, 2021).

The Plan should be viewed as a living document that is updated, as necessary, when new information concerning the Site becomes available.

1.1 Site Background

The Site consists of the following two tax parcels along Hay Road in Wilmington, Delaware:

1. Tax Parcel Number (No.) 06-153.00-006 (112 acres)
2. Tax Parcel No. 06-153.00-003 (2.08 acres)

Both tax parcels are regulated under the *Resource Conservation and Recovery Act's* (RCRA's) Facility Program, as administered by DNREC. The smaller parcel was previously part of the DNREC-RS's Voluntary

Cleanup Program, identified as Program Identification (ID) No. DE-1489, but was transferred to DNREC's RCRA Program on May 7, 2015. Both parcels are now identified as part of the Former DuPont Edge Moor RCRA Facility with U.S. Environmental Protection Agency (EPA) ID No. DED000800284. A Post-Closure Care Plan (PCCP) (PCCP State Permit No. HW31B04) is in place for four surface impoundments on the larger tax parcel, identified as RCRA Solid Waste Management Units (SWMUs) 6A, 6B, 6C, and 6D (identified as Zone 1A in this Plan). In Zone 1, the Site is regulated by Title 40 *Code of Federal Regulations* (CFR) 1910.120(a)(1)(ii), Hazardous Waste Operations and Emergency Response (HAZWOPER), in accordance with the Occupational Safety and Health Administration (OSHA). If Zone 2 materials are found to be impacted based on the criteria specified in Section 3 of this report, areas within Zone 2 will be managed and regulated in the same manner as Zone 1.

The larger of the parcels contains the former Chemours Edgemoor Plant, which operated as a pigment manufacturing facility from 1931 until 2016 and produced titanium dioxide, titanium tetrachloride, and ferric chloride (Verdantas 2023). This industrial use resulted in the establishment of several RCRA SWMUs in addition to Zone 1A (SWMUs 6A to 6D) (Attachment 1). Per the Final Decision, certain SWMUs have been investigated and determined to have acceptable risk, while others require management in accordance with this Plan. This Plan groups SWMUs in zones, per the status described in the Final Decision. However, excavation and subsurface work within any SWMU should proceed with caution and appropriate contingency planning. Areas outside the SWMUs have not been investigated, and conditions are unknown. Excavation and subsurface work at the Site are to proceed with continuous monitoring for environmental conditions of concern.

The smaller, 2-acre parcel, contains a portion of the former Holland Mulch Site (HMS). The HMS was once part of an oil recycling facility. Manufacturing activities are not known to have occurred on this parcel (Verdantas 2023). Based on previous investigations of this parcel, anticipated environmental conditions of concern are soil impacted by benzo(a)pyrene and arsenic and groundwater impacted by trichloroethylene. The HMS site is not part of current plans for Site redevelopment (other than use for parking/temporary trailer office space), and no soil-disturbing activities are anticipated.

1.2 Plan Limitations/Updates

This version of the Plan is an update of the August 2023 Plan[1], which was prepared by Verdantas and approved by DNREC in September 2023 and was later revised by Verdantas in April 2025 to address only demolition-phase activities at the Site.

This current Plan addresses excavation and subsurface work during the Phase 1 development of the DCT, including the installation of a Sediment and Stormwater Management Plan (Attachment 2). The limit of disturbance in Phase 1 does not include RCRA SWMUs 6A, 6B, 6C, or 6D (all part of Zone 1A of material management). These areas will not be disturbed during Phase 1 of construction; therefore, the management of materials in Zone 1A is not part of this Plan.

2. Summary of Site Environmental Information

Before Jacobs, Verdantas (formerly Duffield Associates) was contracted by Diamond State Port Corporation to undertake previous planning, permitting, regulatory approvals, design, and project support. Verdantas is currently contracted with Diamond State Port Corporation to support the DCT's development.

[1] Excavation and Materials Handling and Contingency Plan, August 2023, prepared by Verdantas and approved by the State of Delaware, DNREC by correspondence dated September 26, 2023.

Additional consultants, including Parsons and Dupont Corporate Remediation Group, also performed Site investigations.

For this Plan, the Site has been divided into the following four zones based on historical uses, reported environmental issues, and potential risks to human health and the environment posed by those environmental issues:

- Zone 1A: RCRA SWMU 6 areas that require further action or may contain waste
- Zone 1: SWMUs that require further action or may contain waste
- Zone 2: Areas determined to have acceptable risk
- Zone 3: Soils in contact with groundwater

Excavation work in Zone 1 will likely encounter substances of environmental concern. While Zone 2 has a status of having acceptable risk, unanticipated environmental conditions may be encountered during excavation. If excavations extend into Zone 3, worker contact with substances of environmental concern is likely. Attachment 1 shows Zones 1 and 2, including the SWMU locations.

As part of the RCRA Part B Permitting Process in 1986, EPA and DuPont developed a list of 29 SWMUs at the Site. By 2001, a Consent Order was issued by the Superior Court of State of Delaware requiring DuPont to obtain a RCRA Corrective Action Plan (CAP) and address previously identified SWMUs. By January 2002, a Closure Plan was submitted to DNREC for Solid Waste Impoundments A, B, C, and D, identified as SWMU 6, which described a plan to neutralize and stabilize waste onsite and then cover the stabilized waste with a geosynthetic liner. The PCCP was approved by DNREC in April 2003, and by March 2004, the closure of the impoundments was completed. This area is identified as Zone 1A.

DuPont and a prior Consultant (Parsons) prepared a facility-wide CAP (DuPont 2003) and performed two RCRA facility investigations (DuPont 2009 and Parsons 2011), a risk analysis (Parsons 2013), and a Corrective Measures Study (Parsons 2013) to determine the status of the SWMUs, apart from SWMU 2 and SWMU 6.

Decision-making for SWMU status was based, in part, on a human health risk analysis by Parsons for contaminants of concern (COCs) in soils within certain SWMUs at concentrations that required further risk assessment (Parsons 2013). Parsons calculated total cancer risk (CR) and total Hazard Index (HI) for industrial worker and construction worker exposures to COCs in soils within these SWMUs at the Site. The results were compared to DNREC's acceptable risk level of 1.0E-05 and HI of 1 (Table 1).

Table 1. Total Excess Cancer Risk Characterization Results (Parsons 2013)

SWMU	Industrial Worker CR	Construction Worker CR	HI
SWMUs 1 and 3	3E-06	7E-07	0.96
SWMU 4	2E-06	3E-08	N/A
SWMU 5	8E-06	3E-06	0.1
SWMU 18	1E-06	2E-08	N/A
SWMU 20	N/A	-N/A	0.0006
SWMU 23	N/A	3E-07	0.037
SWMU 27	N/A	3E-08	N/A

N/A = not applicable

As the results indicate, the total excess CRs estimated for industrial and construction workers under the Reasonable Maximum Exposure scenario in SWMUs 4, 5, 18, 20, 23, and 27 and under the Central

Tendency exposure scenario (that is, mean) for SWMUs 1 and 3 are less than the regulatory levels of 1.0E-05 and 1 for cancer and non-cancer risks. Therefore, the estimated exposure is not expected to result in unacceptable risks for these receptors. The human health risk assessment was performed assuming an industrial worker will work 8 hours, 20 days per year, and a construction worker will work 24 hours per day, 7 days per week, 50 weeks per year. The exposure factors used in the risk assessment are the default values published in the Office of Solid Waste and Emergency Response Directive 9200.1-120 titled *Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors,* dated February 6, 2014 (EPA 2014).

The exposure assumptions used in the risk assessment must not be exceeded. If working hours deviate from the assumptions used in the risk calculation, the risk assessment will be reevaluated to determine whether the risk to workers changes with the change of exposure duration. If a change of exposure assumptions occurs, DNREC-RS will be informed, and the risk assessment results will be discussed with, and approved by, DNREC-RS before work within such areas continues.

The following terms are used throughout this Plan:

- Competent Person: Someone who is aware of the Site hazards, aware of Site history, onsite during soil-disturbing activities for monitoring, authorized to stop work, and trained to recognize and react to conditions of environmental and human health concern in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER).
- Environmentally impacted materials: Materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns.

2.1 Zone 1/Zone 1A: Solid Waste Management Units That Require Further Action or May Contain Waste

This section describes SWMUs in Zone 1 and Zone 1a that require further action or may contain waste.

2.1.1 Zone 1A: Solid Waste Management Unit 6 Areas that Require Further Action or May Contain Waste

SWMUs 6A, 6B, 6C, and 6D areas are considered a part of Zone 1, but have special requirements, so are labeled Zone 1A. No Site work will occur in Zone 1A during Phase 1 of construction. This Plan will be updated to address activities in Zone 1A at a later date.

2.1.2 Zone 1: Solid Waste Management Units that Require Further Action or May Contain Waste

Based on the findings from prior investigations and assessments, except for SWMU 6, the following SWMU identified on the Site requires further action:

- SWMU 1: Wastewater Treatment System - surface water only
  - Recommendations for the handling of SWMU surface water are discussed in Section 5.2 and shown on the Surface Water Testing Decision Matrix in Attachment 3

Based on the findings of prior investigations and assessments, the soils outside SWMU 2 have special testing and disposal requirements because of elevated levels of lead (refer to Section 5.1.4.2).

Attachment 1 shows these soils as SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, along the western and eastern edges of SWMU 2.

The following SWMUs received no further action and have acceptable risk but were identified as potentially containing waste material:

- SWMU 4: Former Trash Landfill
- SWMU 5: Waste Settling Area
- SWMU 20: Former Fuel Oil Aboveground Storage Tanks

Assessments of subsurface conditions in the SWMU 4 and SWMU 5 areas have indicated COCs are present in Site soils, but at concentrations that were determined acceptable under construction worker and industrial worker exposure scenarios. An assessment of subsurface conditions in SWMU 20 had a limited analytical program, and SWMU 4 soils reportedly were placed in SWMU 20 in 2005, so results of the risk assessment are assumed to not fully represent environmental conditions.

2.2 Zone 2: Areas Determined to Have Acceptable Risk

Zone 2 consists of Site areas that are outside the bounds of SWMU 6 and the four SWMUs listed in Zone 1. In accordance with the FDRTC, the areas outside Zone 1 reportedly present no conditions of concern to human health, but a sitewide characterization of soils was not performed. The following SWMUs have acceptable risk; however, the potential to encounter environmental concerns may occur during Site-disturbing activities:

- SWMU 1: Wastewater Treatment System (sediment only)
- SWMU 2: Pond E (Effluent Holding Basin) (sediment and surface water only)
- SWMU 3: Waste Mixing Area and Split Box
- SWMU 7A: Building 23 Polychlorinated Biphenyl (PCB) Storage Area
- SWMU 7B: Kiln 2 PCB Storage Area
- SWMU 8: Former Less-Than-90-Day Hazardous Waste Accumulation Area
- SWMU 9: Hazardous Waste Accumulation Pad
- SWMU 10: Eastern Shore Area
- SWMU 11: Drainage Culvert
- SWMU 12: Emergency Overflow Basin
- SWMUs 13A and 13B: Process Sewers
- SWMU 14: Underground Pipelines
- SWMU 15: Former Unpaved Ditch
- SWMU 16: Scrap Metal Area
- SWMU 17A: Former Underground Storage Tanks (USTs) - 1, 2, 3, 4, B, C, F, and G
- SWMU 17B: Former USTs - 6, 7, 8. 1, J, K, and L
- SWMU 18: Iron-Rich Staging Area
- SWMU 19: Iron-Rich Filter Press Building
- SWMU 21: Copper Vanadium Sludge Pad
- SWMU 22: Ferric Chloride Tank Truck Loading Spot
- SWMU 23: Recovered Ore Storage Area
- SWMU 24: Oil-Water Separator/Skimmer
- SWMU 25: Ferric Chloride Railcar Loading Area
- SWMU 26: Titanium Dioxide Railcar Loading Area
- SWMU 27: Fuel Oil-Stained Soil
- SWMU 28: Caustic Storage Area
- SWMU 29: Southland Tank
- HMS

2.3 Zone 3: Materials Within the Groundwater Table

Site groundwater was encountered between 12 and 31 feet below ground surface. According to environmental assessments at the Site and as summarized in the FDRTC, a clay unit is present near the surface that limits the extent of a shallow permeable unit, and groundwater is not present within the shallow zone of most of the Site. Analytical results for groundwater samples from across the Site indicated metals are the primary constituent of concern.

3. Excavation and Subsurface Work

Regulatory agency notification requirements vary by zone. The Site Owner or authorized representative must proceed with caution for excavation work in SWMUs that Require Further Action (Zone 1). Before subsurface work begins in Zone 1, Contractors should review the following documentation for additional background and substances of concern identified in the SWMUs:

- FDRTC (DNREC, 2021).
- Statement of Basis and Corrective Action Permit (DNREC, 2021).
- Previous Phase I and Phase II RCRA Facility Investigations (Dupont 2009 and Parsons 2011).
- Draft Risk Analysis prepared by Parsons on behalf of DuPont (Parsons, 2013).

Excavation work is not anticipated to occur within the groundwater table (Zone 3) during the first phase of Site excavation and grading activities. Section 5 provides guidance regarding the handling of excavated materials.

Environmentally impacted materials are defined as materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns. The location where the potentially environmentally impacted materials will be stockpiled is identified on the center portion of the Site to the west. This proposed stockpile location is paved. There is also a stockpile location at the southern end of the Site that is on an area of deteriorating pavement. This area may also be used to pile potentially environmentally impacted materials as long as the area is lined with polyvinyl plastic sheeting and the stockpile is covered with the sheeting. The stockpile on the northern end of the Site will not be used for potentially environmentally impacted materials and is on a pervious surface.

3.1 Zone 1: Solid Waste Management Units That Require Further Action or May Contain Waste

Excavation work in Zone 1 will be performed by personnel trained to recognize and react to conditions of environmental and human health concern, in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). A Competent Person must screen the excavation and excavated materials for conditions of potential concern using handheld instrumentation, including a photoionization detector (PID) with a 10.6-electron-voltage lamp energy, a flame-ionization detector (FID) or an x-ray fluorescence instrument, and a combustible gas meter. Visual observations will also include review for non-water liquids, solid waste, odors, and soil discoloration/staining while work is in progress.

The Competent Person must be aware of the Site hazards and Site history, and they must be onsite during soil-disturbing activities for monitoring, authorized to stop work when environmental conditions appear to pose a threat to human health or the environment that the workers at the Site are not prepared to address, and trained to recognize and react to conditions of environmental and human health concern in

accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). At a minimum, excavation workers and the Competent Person engaged to screen excavating activities must wear Level D personal protective equipment (PPE) at the start of work. If screening results indicate that additional protection is warranted, workers will upgrade to Level C protection or cease work until conditions are further assessed. Based on the findings from prior investigations and assessments, Level C PPE is required during the excavation of materials with known hazardous concentrations of lead outside SWMU 2 (Attachment 1). Section 6 discusses worker health and safety in more detail.

Materials excavated in Zone 1 will be considered environmentally impacted (as defined at the beginning of this section). As such, excavated materials should be deposited on top of plastic sheeting (at Least 10 millimeters thick) and securely covered with plastic sheeting (at least 10 millimeters thick) at the end of each workday, or the materials should be placed in storage containers lined with plastic and covered with tarps at the end of each workday. The covering plastic should be anchored with weights or other restraints to ensure that it will remain in place in case of strong winds.

Before subsurface work takes place in Zone 1, Contractors and the Competent Person should review background information on SWMUs and potential substances of concern. At a minimum, during subsurface work, the Competent Person should be able to identify wastes in materials excavated from the SWMUs that differ from understood environmental conditions. If no substantial differences are identified and no waste is present, SWMUs can be backfilled with excavated materials.

SWMUs 4, 5, and 20 were identified as potentially containing waste. Materials excavated from these areas may contain solid wastes, titanium dioxide pigment, waste solvents, sulfate sludge, and iron-rich wastes. SWMU 20 will be disturbed during Phase 1, and SWMUs 4 and 5 will be partially disturbed during Phase 1. Similar to the handling of other excavated materials onsite, the results of the material characterization analyses for these soils from SWMU 4, 5, and 20 will be compared to State criteria for categorizing hazardous wastes and treatment or disposal facility acceptance criteria. If these soils are found to be hazardous, the material requires disposal at a hazardous waste landfill. If the soils are not hazardous, the material may be disposed of at a qualified landfill facility or reused within the same area of the Site. If the material is being disposed of, the application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment or disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

RCRA SWMU Areas 6A, 6B, 6C, or 6D were also identified as containing waste and are part of Zone 1A, but will not be disturbed in Phase 1, and therefore management of materials in these SWMU areas will be provided at a later date.

Precautions must be taken, including using diversionary berms, to prevent stormwater runoff from entering excavations or stockpiles of excavated materials. Open excavations must be covered (with support) or lined with plastic sheeting to minimize the potential for precipitation to directly contact subsurface materials. If the excavation is lined and stormwater accumulates on the liner, the Competent Person will review the accumulated stormwater for indications of substances of concern, such as visible free-phase liquids on top of the pooled stormwater or visibly suspended sediment, before work resumes. If visible indications of concern are present, the accumulated water will be pumped from the excavation into containers of adequate volume and held for further assessment. If no visible indications of concern are present, accumulated water will be pumped from the excavation and discharged to the ground surface near the excavation.

If excavated materials exhibit different environmental conditions than what was previously identified, the stockpiled materials will be tested to evaluate material-handling requirements based on reported results (Attachment 3 provides a detailed decision matrix about when sampling and testing are required).

Excavated materials from specific Zone 1 locations will not be removed from that Zone 1 location or removed from the Site without an appropriate assessment of the environmental characteristics, including sampling and analytical testing. Section 5 provides additional guidance regarding handling excavated materials.

Based on the findings of prior investigations and assessments, soils outside SWMU 2, specifically soil sample locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-SO-D4, were identified with lead concentrations that exceeded the DNREC Screening Level of 400 milligrams per kilogram (Attachment 1). One sample, SWMU2-D0-D4, from 4 to 6 feet below the ground surface, was also reported with a Toxicity Characteristic Leaching Procedure (TCLP) concentration that exceeded the regulatory limit, so the soils in this sampling area are classified as hazardous if excavated. Currently, this area is secured and fenced, prohibiting unauthorized contact with the soil.

Before earth-disturbing activities begin, lead in the soils outside of SWMU 2 must be delineated, and DNREC-RS must be notified if grading activities require excavation in these areas. If earth-disturbing activities are not taking place in these areas as part of the Site's redevelopment, 2 feet of clean soil with an impervious liner will be placed over the areas with elevated lead concentrations to prevent human contact with the soil. This soil, with impervious liner, will remain as an interim layer before the final asphalt cap This recommendation is consistent with the RCRA Corrective Measures Remedy established in the FDRTC document, which identified capping as the primary measure to mitigate exposure to Site soils.

Soil in the areas outside of SWMU 2 where earth-disturbing activities are anticipated require DNREC-RS notification and correspondence; specifically, soil sample locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, where lead was reported at concentrations that exceeded DNREC Screening Levels. The delineation of lead concentrations exceeding the DNREC-RS Screening Level of 400 milligrams per kilogram is required before earth-disturbing activities. Where Lead concentrations are identified exceeding the Screening Level, TCLP testing is required for hazardous classification of the soils. Work that follows excavation, such as installing conductors or pipes, must be performed by workers appropriately trained for the actual conditions exposed by excavation. The Competent Person will screen the excavation to assess the location specific risk to worker health for the activities planned.

Most excavation work, bulk grading, utility installation, and sediment and stormwater control installations likely to occur in Zone 1 are not anticipated to intercept the groundwater table or require excavation below the groundwater table. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage the groundwater.

There are areas at the bank of the Delaware River, some within the tidal range elevations that include grading. These areas are mainly filled with minimal excavation to recontour before placing engineered fill for the bulkhead tieback supports. There is potential to encounter water during this work at or near the water edge. This water is hydraulically connected to the river and would not be considered groundwater, so would not need to be managed as such. If water encountered here during excavation is suspected of being groundwater (perched higher than the tidal elevation range), it will be managed as stated previously.

3.2 Zone 2: Areas Determined to Have Acceptable Risk

Excavation work in Zone 2 is anticipated to have low potential of encountering regulated substances at concentrations that are of potential human health or environmental concern. A Competent Person will monitor excavation work for indications of environmental or health concerns. The Competent Person must be aware of the Site hazards and Site history, and they will be onsite during soil-disturbing activities for monitoring, authorized to stop work when environmental conditions appear to pose a threat to human health or the environment that the workers at the Site are not prepared to address, and trained to recognize and react to conditions of environmental and human health concern in accordance with OSHA's Hazardous Waste Operations and Emergency Response standard, 29 CFR 1910.120 and 1926.65 (HAZWOPER). The Competent Person will be equipped with instruments that can detect organic vapors and potentially combustible vapors to monitor conditions exposed during excavation. Section 6 discusses worker health and safety in more detail.

Materials excavated in Zone 2 will remain onsite and be used as fill near the location and within the zone they are excavated from unless screening indicates the potential for regulated substances to be present in the soils at concentrations of concern or the material appears to be environmentally impacted (refer to the definition in Section 2). Such indications would include chemical or petroleum odors, visible discoloration, and instrument readings greater than ambient atmospheric readings. In response to such observations, the excavated material will be sampled and tested to determine appropriate management options for the materials. Attachment 3 describes the decision matrices that can help determine when sampling and testing are required for soils, concrete/crushed stone/other materials, and groundwater.

If screening suggests the presence of substances of concern, such as chemical or petroleum odors, visible discoloration, and instrument readings greater than ambient atmospheric readings, subsurface work in that area must be stopped. Any evidence of a release during land-disturbing activities will require the Competent Person, or Owner's Representative, to notify the DNREC-RS within 24 hours using the 24-Hour Release Hotline (800-662-8802). Land-disturbing activities may continue on another part of the Site as long as it is not immediately adjacent to the area where there is evidence of a release. If evidence of a release is encountered at the new work area, work must again stop, and excavation activities must be moved elsewhere onsite where no evidence of a release is apparent. Evidence of a release includes, but is not limited to, the appearance of a sheen, soil staining, or odors characteristic of hazardous substances; buried materials that may contain hazardous substances; or presence of free product. Refer to DNREC-RS's *Guidance for Notification Requirements, and HSCA Reporting Level Table* document for more information (DNREC-RS 2025) in Attachment 4.

Most demolition activities, bulk grading, utility installations, and sediment and stormwater control installations are likely to occur in Zone 2 and are not anticipated to intercept the groundwater table or require excavation below the groundwater table, based on available information about the probable depths of groundwater at the Site.

3.3 Zone 3: Materials Within the Groundwater Table

Most work activities likely to occur in Zones 1 and 2 are unlikely to intercept the groundwater table, based on available information about the probable depths to groundwater and current construction plans. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage groundwater. Attachment 3 includes a decision matrix about when to sample groundwater. As noted in Section 3.1, there is potential to encounter tidal water during work at or near the water edge that is hydraulically connected to the river, but it is not considered groundwater and does not need to be handled as such.

4. Underground/Aboveground Utility and Storage Systems

Numerous underground, privately maintained, utility systems are present at the Site, including the following:

- High-voltage electricity lines
- Natural gas lines
- Steam and condensate lines
- Fire mains
- Potable water pipes
- Sanitary/industrial wastewater sewers and appurtenances
- Storm sewers, culverts, and appurtenances
- Pipelines that formerly conveyed materials from aboveground and underground storage
- Tanks to end use locations
- Former USTs that were abandoned-in-place

The facility has undergone multiple renovations during its period of use, which may have resulted in several generations of underground utility systems. The currently understood locations of utility systems are shown on design drawings. The utility locations on these drawings may not depict all buried utilities at the Site. Persons engaged in excavating or intrusive activities must work with care and caution during removal of existing utility systems unless they are designed to temporarily remain to minimize potential danger to themselves, coworkers, and the environment.

Persons responsible for excavation (Contractors, Consultants, or Owner) will request public utility clearance through the Miss Utility service. The Owner will arrange for marking and clearing private utilities within the work area. This effort may be performed by the Owner or a Contractor engaged for the purpose. These utility markouts and clearances will be completed before excavation starts, and the information will be reviewed with the persons responsible for excavation before excavation starts.

If USTs or associated piping is encountered during subsurface work, Contractors will immediately notify the Competent Person or Owner's Representative. The Competent Person or Owner's Representative will, in turn, notify DNREC-RS and DNREC-Tank Management Section. A licensed UST removal contractor will be engaged to properly drain, clean, remove, and dispose of encountered UST system components in accordance with the Delaware regulations governing UST Systems. Personnel should also consider that Site USTs may contain substances other than petroleum products and additional regulations may apply.

5. Materials Management

This section discusses materials management.

5.1 Soil and Sediment

Soils and other materials excavated on the Site will remain onsite for reuse as fill or until they are appropriately assessed for offsite reuse, treatment, or disposal. However, every effort will be made to reuse excavated materials onsite before offsite disposal opportunities are considered. Attachment 3 contains a decision matrix to help assess whether materials (soil, sediment, surface water, groundwater, and concrete/crushed stone/other materials) require sampling and testing.

The Competent Person reviewing the excavation will use the screening information gathered during excavation to assess whether excavated materials may be used as backfill at the location of the work. For instance, excavated materials without indications of environmental impact (visible discoloring, obvious

chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material) would be considered environmentally suitable for use as backfill. If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns. Additionally, impacted soils excavated from areas within Zone 1 may be used as backfill at the same source locations from where they were excavated as long as materials appear to be similar to those described in prior investigations at the Site. Soil and vegetative covers will be replaced where necessary in Zone 1.

At a minimum, the Competent Person will consider the following criteria when assessing the environmental suitability of the excavated materials for use as backfill:

- Zone or SWMU where excavation is taking place
- Distance between the bottom of the excavation and the estimated groundwater
- Relative permeability of soil(s) present (gravel, sand, silt, or clay)
- Purpose of the excavation
- Ground cover that will be placed over the excavation

Erosion and sediment control measures will be established before Site-disturbing activities begin. These measures will conform to a Sediment and Stormwater Management Plan provided by Jacobs (Attachment 2), once approved by DNREC.

When a decision has been made to temporarily store excavated materials, the materials will be transported to the prepared storage area or storage containers. Separate storage areas or containers will be provided for each zone and excavation location. While excavated materials are placed in the storage area, they will not be allowed to cover the peripheral berms of the storage area or spill over the sides of storage containers. The stored materials will be covered with plastic sheeting or tarps at the end of excavating activities or the end of each workday, whichever occurs sooner. Sufficient weights will be placed on the plastic cover to hold it in place in case of windy conditions or precipitation.

In addition, a soil and waste tracking log will be used to track the origin, quantity, and date that the excavated materials are placed into storage (Attachment 5). The log will detail the original SWMU area that the soils in storage originated from, along with details about characterization sampling if performed, included the type of analysis performed and the laboratory used.

When excavation and material additions to the storage site are completed, stored materials will be handled in accordance with the sampling and testing decision matrix in Attachment 3.

5.1.1 Testing for Onsite Soil Reuse (Preferred Method of Materials Management)

Soil characterization testing will be performed for onsite reuse when soils exhibit environmental impacts or to allow for unrestricted use between Zones 1 and 2. Sampling frequency will conform to the DNREC's *Guidance for Soil/Material Re-Use by the Hazardous Substance CLeanup Act (HSCA),* dated May 2023. If the materials are planned for reuse onsite, the laboratory will be requested to perform the following initial analyses:

- Grab samples:
  - Target Compound List (TCL) Volatile Organics +10 by EPA Method SW-846 8260B
  - pH by EPA Method SW-846-9045C
  - TCL Semivolatile Organics +15 by EPA Method SW-846 8270C
  - TCL Pesticides by EPA Method SW-846 8081A
  - Total PCBs by EPA Method 680 (only when iron-rich material is present)

- Total Dioxins and Furans by EPA Method 1613 (only when iron-rich material is present)
- Target Analyte List Inorganics by EPA Methods SW-846 6020B and 7471A
- Total Cyanide by EPA Method 9010

The results of these analyses will be compared to regulatory standards, as appropriate, for the intended use location. The testing results and comparison information will be summarized in a brief report and submitted to DNREC for review. The report will contain a recommendation that either the materials be released from storage for reuse onsite or it be further assessed. With the concurrence of DNREC-RS, the materials will either be reused onsite or remain in storage until an appropriate end use (reuse, treatment, or disposal) is identified.

5.1.2 Testing for Onsite Concrete/Crushed Stone/Other Similar Material Reuse (Preferred Method of Materials Management)

Concrete, crushed stone, or other similar material will be tested for onsite reuse when concrete exhibits environmental impact or to allow for unrestricted use between Zones 1 and 2. Sampling will conform to DNREC (2023). If the materials are planned for reuse onsite, the laboratory will be requested to perform the following initial analyses:

- Grab samples:
  - TCL Volatile Organics +10 by EPA Method SW-846 8260B.
  - pH by EPA Method SW-846-9045C
  - TCL Semivolatile Organics + 15 by EPA Method SW-846 8270C
  - Total PCBs by EPA Method 680
  - Target Analyte List Inorganics by EPA Methods SW-846 6020B and 7471A
  - Total Cyanide by EPA Method 9010

The results of these analyses will be compared to regulatory standards, as appropriate, for the intended use location. The testing results and comparison information will be summarized in a brief report and submitted to DNREC for review. The report will contain a recommendation that either the materials be released from storage for reuse onsite or be further assessed. With the concurrence of DNREC-RS, the materials will either be reused onsite or remain in storage until an appropriate end use (reuse, treatment, or disposal) is identified.

5.1.3 Testing for Offsite Reuse

If the project requires that excavated materials cannot be reused at the area of excavation and offsite reuse may be an option, the laboratory will be requested to perform a suite of analyses similar to those listed is Section 5.1.1 and 5.1.2 for onsite reuse and in accordance with DNREC (2023).

5.1.4 Testing for Treatment or Disposal

The following describes testing for treatment of disposal.

5.1.4.1 Excavated Materials

If the excavated materials cannot be kept onsite and screening indicates substantial environmental impacts, the Laboratory will be requested to perform the following initial analyses or the analyses requested by the potential treatment or disposal facility when the source of the substances of concern is not apparent or is unknown:

- Grab samples:
  - TCL Volatile Organics by EPA Method SW-846 8260B
  - Diesel Range Organics by EPA Method SW-846 8015B
  - Gasoline Range Organics by EPA Method SW-846 8015B
  - Total Metals (Arsenic, Antimony, Barium, Beryllium, Cadmium, Chromium, Hexavalent Chromium, Copper, Mercury, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, and Zinc) by EPA
  - Methods SW-846 6020B and 7471A
  - Total PCBs by EPA Method SW-846 680
  - Ignitability in accordance with 40 CFR261.21
  - Corrosivity by EPA SW-846 Chapter 7
  - Reactivity by EPA SW-846 Chapter 7.3
  - Oil and Grease by EPA Method 413.1
  - Total Organic Carbon by EPA Method 415.1
  - Chemical Oxygen Demand by EPA Method 410.1
  - Total Extractable Halides by EPA Method SW-846 9020B
  - Ammonia-Nitrogen by EPA Method 350.2
  - Total Solids by EPA Method 160.3
  - Total Volatile Solids by EPA Method 160.4
  - Paint Filter Liquids Test by EPA Method SW-846 9095A
  - TCLP (Metals, Volatile Organics, Semivolatile Organics, Pesticides, and Herbicides) by EPA Methods SW-846 1311/6010B, 1311/8260B, 1311/8270C, and 1311/8081A/8151A
  - Total Cyanide by EPA Method 9010

The analyses reflect a combination of testing typically requested by treatment and disposal facilities in the region. Where the source of the substances of concern is established, such as petroleum from USTs, characterization testing will be limited to analytes required by the receiving facility.

The results of material characterization analyses will be compared to State criteria for categorizing solid waste or hazardous wastes and treatment or disposal facility acceptance criteria, as appropriate. The application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment of disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

5.1.4.2 Soils Outside of Solid Waste Management Unit 2

Soil in the areas outside SWMU 2 where earth-disturbing activities are anticipated require DNREC-RS notification and correspondence; specifically, soil sample Locations SWMU2-S0-S1, SWMU2-S0-D1, and SWMU2-S0-D4, where lead was reported at concentrations that exceeded DNREC Screening Levels. The delineation of lead concentrations exceeding the DNREC-RS Screening Level of 400 milligrams per

kilogram is required before earth-disturbing activities. Where lead concentrations are identified exceeding the Screening Level, TCLP testing is required for hazardous classification of the soils.

Similar to the handling of other excavated materials onsite, the results of the material characterization analyses for the soils outside of SWMU 2 will be compared to State criteria for categorizing hazardous wastes and treatment or disposal facility acceptance criteria. If concentrations of lead in the soil are hazardous, the material requires disposal at a hazardous waste landfill. If concentrations of lead in the soil are not hazardous, the material may be disposed of at a qualified landfill facility or reused within the same area of the Site. If the material is being disposed of, the application will be submitted to chosen treatment or disposal facilities to obtain their acceptance of the materials. Copies of testing results and treatment or disposal facility acceptance documents will be submitted to DNREC-RS for informational purposes, along with a tentative schedule for transporting the materials to the treatment or disposal facility. The materials will be removed from the Site in accordance with the recommendations. Copies of disposal or treatment facility receipts will be provided to DNREC-RS.

5.1.4.3 Testing for Imported Materials Onsite

Soils imported to the Site will be assessed on a case-by-case basis as to whether environmental sampling is necessary before they are placed. The source location and the approximate volume for imported soils will be provided. Imported materials may not be placed onsite until authorized by the Site Owner and DNREC-RS.

5.1.5 Sediments

SWMUs 1 and 2 are the only locations where sediment is present onsite (other than along the shoreline). SWMU 1 and 2 sediments should be managed as part of Zone 2, in accordance with the results of previous determinations, indicating sediments in these areas do not pose a risk to human health for excavation, composite, or outdoor workers (Table 2). Analytical results for SWMU 1 sediment samples did not exceed the DNREC Screening Levels; therefore, the concentrations of regulated substances in these sediments are considered acceptable to human health.

Table 2. Solid Waste Management Unit 2 Total Excess Cancer Risk Characterization Results

SWMU	Excavation Worker CR	Excavation Worker HI	Composite Worker CR	Composite Worker HI	Outdoor Worker CR	Outdoor Worker HI
SWMU 2	2E-08	0.07	4E-07	0.4	2E-06	0.3

Source: Verdantas 2024

SWMU 1 and 2 sediment may be placed onsite but must maintain a clean soil cover or an impervious cover to minimize the potential for continued drainage of PCBs from the SWMU 1 sediment into the river through the mechanism of stormwater runoff. It is recommended that the SWMU 1 and 2 sediments be buried in the proposed confined disposal facility or disposed of offsite at a permitted landfill.

5.2 Surface Water Management

The surface water within the SWMU 1 and SWMU 2 ponds is considered industrial wastewater. The Contractor may manage surface water using one of the following three approaches:

- Evaporation of Surface Water (SWMU 1, surface water only): It is anticipated that in SWMU 1, standing water would be permitted to evaporate before dewatering activities begin.
- Processing Through New Castle County Sewer System: If the industrial wastewater is present before dewatering, the industrial wastewater may be processed through the New Castle County Sewer System. If this action is deemed necessary, the appropriate approvals from New Castle County are required before discharge.
- Pumping of Surface Water into Vacuum Truck, Treatment, and Offsite Disposal: If the industrial wastewater is present before dewatering, it may be pumped out of the ponded area(s) into a vacuum truck, treated, and disposed of as wastewater offsite. The documentation of proper transportation and disposal is required.

5.3 Groundwater Management

Most work activities in Zones 1 and 2 are unlikely to intercept the groundwater table, based on available information about the probable depths to groundwater and current construction plans. If groundwater is encountered during excavation, work will stop until the environmental condition of groundwater in the immediate vicinity of the excavation is adequately characterized and a plan is developed to manage groundwater. Attachment 3 includes a decision matrix about when to sample groundwater. If groundwater is encountered, it should be handled according to the guidance in the following sections.

5.3.1 Identification of Contaminated Groundwater

Contractors should assume groundwater encountered at the Site may contain COCs, and workers should wear appropriate PPE and avoid prolonged contact with the water. If indicators of obvious contamination are observed (such as petroleum products, sheen, unusual discoloration, or strong odors), the Contractor will halt work in the affected area and contact the Consultant. The Consultant or DNREC-RS will assess the situation to determine whether work can continue or whether remedial or additional PPE measures (or both) are required.

5.3.2 Management of Nonaqueous Phase Liquids

Nonaqueous phase liquids (NAPL) have not been identified onsite and are not anticipated to be encountered.

However, if NAPL is discovered, Contractors assigned to recover NAPL, such as petroleum products, will collect the NAPL in Consultant-approved containers (sealed drums or tanks). Containers of recovered NAPL will be stored within secondary containment structures for characterization and eventual disposal. Documentation of proper disposal of wastes is required.

5.4 Equipment Decontamination

The Consultant will designate a decontamination area for equipment that is operated within Zone 1. The Contractor will have the appropriate supplies onsite for decontamination, as needed, including a clean water supply, plastic sheeting, oil absorbent pads, and empty sealable drums.

Soil can be washed from equipment using tap water and discharged to the ground surface unless obvious contamination is encountered. Equipment used to handle contaminated materials will be decontaminated on a plastic sheet to collect and containerize the wash water. The equipment will be cleaned using a soap solution and tap water. The wash water will be collected into a drum or tank and labeled with the contents, a description of observed contamination, and the date of the work.

In addition, the Contractor will have a dedicated access/egress for each SWMU and dedicated vehicles working in SWMUs. At each entrance/exit location, the Contractor will use a rock construction entrance (large stone aggregate surface stabilized with a geotextile fabric), along with trackout control mats, which deform tires and release debris and sediment that is lodged between the tire lugs.

6. Worker Hazard Mitigation

This section describes criteria that will guide the Competent Person's recommendations regarding PPE and Site work. This section assumes Contractors engaged to provide services at the Site have their own corporate health and safety plans and will prepare Site-specific health and safety plans. For this Plan, environmentally impacted materials include materials with visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material.

If titanium dioxide is observed (white, blue, or black), it may be an indication of other environmental concerns.

6.1 Zone 1: Solid Waste Management Units That Require Further Action or May Contain Waste

Excavation work in SWMUs in Zone 1 will be performed by workers who have been 40-hour HAZWOPER-trained, and the Competent Person will be present during excavation work in SWMUs in Zone 1.

The initial minimum PPE worn by workers who are likely to be in direct contact with excavated materials or subsurface materials will conform to EPA Level D criteria and consist of the following equipment:

- Level D PPE
  - Hard hat
  - Eye protection
  - Disposable gloves
  - Ear protection
  - Work boots with toe protection

A cleaning station will be provided to remove materials that cling to the outer surface of work boots and where workers can wash their hands during breaks and before leaving the work area. No drinking, eating, or smoking will be permitted in the work area.

If work area monitoring indicates a potential breathing hazard is present in the form of organic vapors, workers will be required to wear Level C PPE. Level C PPE will include the equipment required for Level D, plus a disposable coverall suit and use of a full-face negative air respirator with organic vapor cartridges. The full-face coverage provided by the respirator will provide the eye protection specified for Level D PPE. Level C PPE is required during the excavation of soils outside of SWMU 2 where hazardous concentrations of lead are present (Attachment 1).

While work is in progress, the Competent Person will monitor breathing zone atmospheric conditions and atmospheric conditions within the excavation and will screen excavated materials for indications of substance-related hazards. The following criteria indicate the appropriateness of Level D PPE during work:

- PID or FID readings less than 5 units greater than ambient background readings with the meter calibrated to isobutylene
- Combustible gas meter readings less than 10% of the lower explosive limit (LEL) with the meter calibrated to methane and oxygen meter readings between 19.5% and 23%
- Oxygen meter readings between 19.5% and 23%

If PID or FID readings are sustained at 5 deflection units or greater than ambient background readings for more than 30 seconds, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If PID or FID meter readings have returned to levels less than 5 deflection units, the Competent Person will allow work to resume. If PID or FID readings remain greater than 5 deflection units but less than 50 deflection units, the workers will be required to upgrade PPE to Level C. The Competent Person will contact the Site Manager and inform them of conditions encountered and actions being taken.

If oxygen meter readings are between 19.5% and 23%, and combustible gas meter readings exceed 10% of the LEL but remain less than 25% of the LEL, the Competent Person will inform the excavation supervisor and workers of the condition. Work will proceed with caution. If combustible gas meter readings exceed 25% of the LEL for 30 seconds, the Competent Person will require work to cease, confirm potential sources of ignition are de-energized or extinguished, and confirm workers leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If combustible gas meter readings have returned to levels less than 25% of the LEL, the Competent Person will allow work to resume. If combustible gas readings remain great than 25% of the LEL, the Competent Person will contact the Site Manager and inform them of conditions encountered and actions being taken. The Competent Person will continue to periodically monitor the work area with the combustible gas meter for approximately 30 minutes. If readings do not fall to less than 25% of the LEL, the Competent Person will again contact the Site Manager and will contact the Brandywine Hundred Fire Company to inform them of the situation and request assistance. The Site Manager will contact the DNREC Case Manager and inform them about the situation. Work will be halted until the situation can be further assessed and a safe course of action can be planned.

If oxygen meter readings fall to less than 19.5%, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will cautiously return to the work area after 5 minutes and resume monitoring. If oxygen meter readings have rebounded to greater than 19.5%, the Competent Person will allow work to resume and contact the Site Manager to inform them of conditions encountered and actions being taken. If oxygen levels are indicated to remain at less than 19.5% in portions of the work area, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

6.2 Zone 2: Areas Determined to Have Acceptable Risk

HAZWOPER training will not be required for workers engaged in subsurface work in Zone 2, based on the available information, which indicates hazardous substances are not present in these zones at concentrations of concern. However, subsurface work area conditions will be monitored by a Competent Person, who is the developer's representative.

While work is in progress, the Competent Person will monitor breathing zone atmospheric conditions and atmospheric conditions within the excavation and will screen excavated materials for indications of substance-related hazards. The following criteria will be used to assess the appropriateness of the worker protection in use:

- PID or FID readings less than 5 units exceeding ambient background readings and no sustained readings exceeding ambient background with the meter calibrated to isobutylene
- Combustible gas meter readings less than 10% of the LEL with the meter calibrated to methane and oxygen meter readings between 19.5% and 23%
- Oxygen meter readings between 19.5% and 23%

If PID or FID readings are sustained exceeding ambient background readings for more than 30 seconds, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If PID or FID meter readings have returned to ambient background readings, the Competent Person will allow work to resume. If PID or FID readings remain greater than ambient background, the Competent Person will continue monitoring organic vapors for 30 minutes. If the organic vapor readings do not return to ambient background values after 30 minutes, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Competent Person will contact the Site Manager and inform them of conditions encountered and action being taken. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

If oxygen meter readings are between 19.5% and 23% and combustible gas meter readings exceed 10% of the LEL for 30 seconds, the Competent Person will require work to cease, confirm that potential sources of ignition are de-energized or extinguished, and confirm that workers leave the work area. The Competent Person will return to the work area after 5 minutes and resume monitoring. If combustible gas meter readings have returned to levels less than 10% of the LEL, the Competent Person will allow work to resume. If combustible gas readings remain greater than 10% of the LEL, the Competent Person will contact the Site Manager to inform them of encountered conditions and actions being taken. The Competent Person will continue to periodically monitor the work area with the combustible gas meter for approximately 30 minutes. If readings do not fall to less than 10% of the LEL, the Competent Person will again contact the Site Manager and halt work until the situation can be further assessed and a safe course of action has been planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

If oxygen meter readings fall to less than 19.5%, the Competent Person will require work to cease and workers to leave the work area. The Competent Person will cautiously return to the work area after 5 minutes and resume monitoring. If oxygen meter readings have rebounded to greater than 19.5%, the Competent Person will allow work to resume and contact the Site Manager to inform them of conditions encountered and actions being taken. If oxygen levels remain at less than 19.5% in portions of the work area, work will be halted until the situation can be further assessed and a safe course of action can be planned. The Site Manager or their authorized representative will contact the DNREC Case Manager and inform them about the situation.

7. Emergency Procedures

This section discusses emergency procedures.

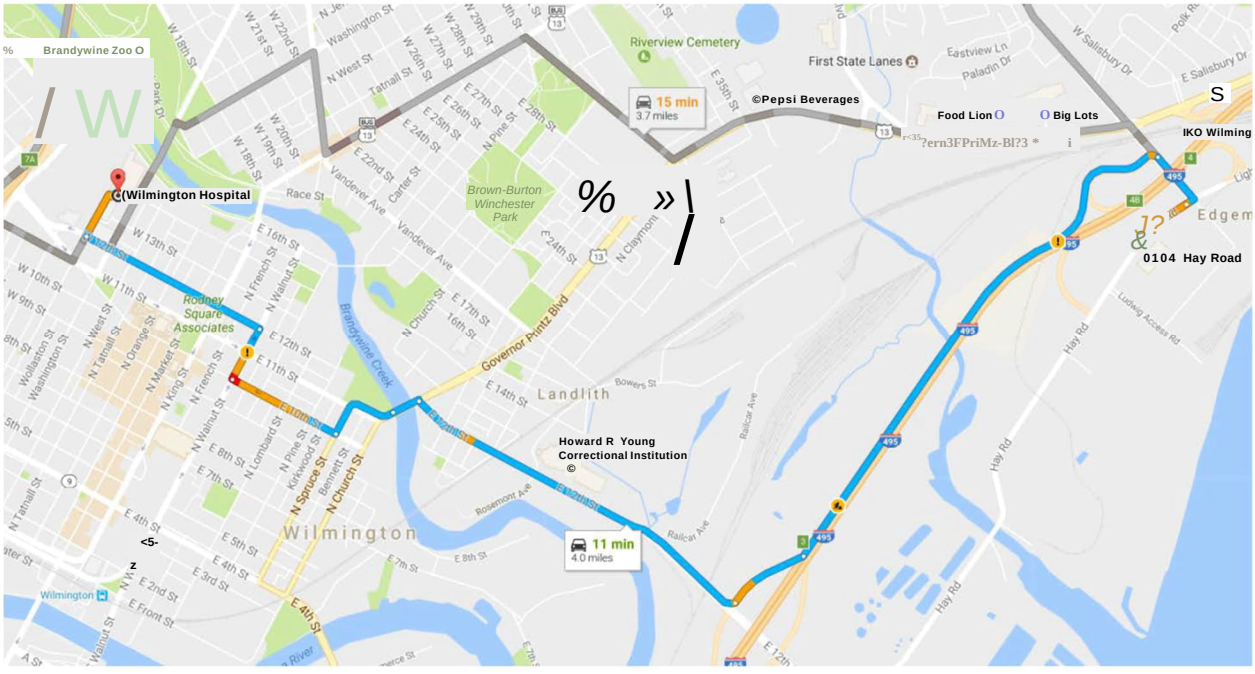
7.1 Possible Fire or Explosion

The Competent Person will notify the proper authorities for emergency response (fire and police personnel). Alert the appropriate regulatory authorities (telephone numbers provided in Section 7.3) and will also notify the Site Manager.

7.2 Personal Injury

Any injured Site worker must seek immediate medical care. If a Site worker is seriously injured, the Competent Person will call an ambulance to transport the individual to the nearest hospital for emergency room care. The nearest hospital to the Site is Christiana Care Wilmington Hospital at 501 W 14th Street, Wilmington, Delaware 19801. Figure 1 shows a route to Christiana Care Wilmington Hospital. The Competent Person will notify the Site Manager of any Site worker who needs medical attention via ambulance or needs to see a medical professional.

Figure 1. Hospital Route



7.3 Emergency Evacuation

In case the Site requires an emergency evacuation, all personnel onsite will stop work immediately, shut off equipment, and assemble at a location designated by the Competent Person. The Site Manager will be notified if Site evacuation is required.

In the case of an emergency, relevant contact information is provided as follows:

- Emergency Telephone Numbers
  - Police/Local, State 911
  - Ambulance 911
  - Brandywine Hundred Fire Company 911
  - Wilmington Hospital (Christiana Care) (302) 733-1000
  - DNREC 24-hour emergency hot line (800) 662-8802
  - Federal
    - National Response Center (800) 424-8802
    - Poison Control Center (800) 222-1222
    - EPA Environmental Response Team (215) 814-5000
- Contact
  - Site Manager
    - Office To be determined

8. List of Environmental Documents

Environmental documents are as follows:

- RCRA Consent Order issued by the Superior Court of State of Delaware requiring DuPont to obtain a RCRA CAP (2001)
- Closure Certification Report for Four Surface Impoundments at the DuPont Edge Moor Facility (May 25, 2004)
- Phase I RCRA Facility Investigation Report for DuPont Edge Moor White Pigment Plant (HW003A16, EPA ID: DED00800284) (April 29, 2009)
- PCCP State Permit No. HW31B04 (March 2010)
- Parsons' PCCP - Addendum 1, Revised Monitoring and Maintenance Plan for the Closed Surface Impoundments at the DuPont Edge Moor Plant (March 2010)
- Policy Soil/Material Re-Use Policy at Hazardous Substance Cleanup Act Regulated Sites (Soil Reuse Policy) (May 2023)
- Holland Mulch Site Phase II Investigation Summary Letter Report (July 26, 2010)
- Phase II RCRA Facility Investigation Report for DuPont Edge Moor Plant (HW-03A16, EPA ID: DED00800284) (March 3, 2011)
- Parsons Risk Analysis for DuPont Edge Moor Site (June 2013)
- Corrective Measures Study for DuPont Edge Moor Site (August 2013)
- Statement of Basis (April 29, 2021)
- Corrective Action Permit (April 29, 2021)
- Final Decision and Response to Comments (FDRTC or Final Decision) (April 29, 2021)
- DNREC-RS' *Guidance for Notification Requirements, and HSCA Reporting Level Table* (January 2013) [Updated December 2025]).
- Verdantas' Solid Waste Management Units 1 and 2 Sampling and Analyses Plan, (November 21, 2022)

- Verdantas' Solid Waste Management Units 1 and 2 Data report (Revised March 2024)
- Verdantas' Excavation and Materials Handling and Contingency Plan, August 2023, (Revised April 2025)

9. Identification of the Competent Person

I, _____ _____, am the designated Competent
(First Name) (Last Name)
Person at the Edgemoor Site.

My role at the Site includes but may not be limited to the following:

- Awareness of the Site hazards
- Awareness of Site history
- Monitoring of onsite materials during soil-disturbing activities
- Having the ability to stop work
- Maintain my certification and ability to recognize and react to conditions of environmental and human health concern in accordance with OSHA's HAZWOPER standard, 29 CFR 1910.120 and 1926.65

Signature of Competent Person: _____

10. References

Department of Natural Resources and Environmental Control, Division of Waste and Hazardous Substances, Remediation Section's (DNREC-RS's). 2021. Final Decision and Response to Comments. April 29.

Department of Natural Resources and Environmental Control, Division of Waste and Hazardous Substances, Remediation Section (DNREC-RS). 2025. *Guidance for Notification Requirements, and HSCA Reporting Level Table.* December.

Department of Natural Resources and Environmental Control (DNREC). 2023. *Guidance for Soil/Material Re-Use by the Hazardous Substance Cleanup Act. May.*

Parsons. 2010. Post-Closure Care Plan; Addendum 1, Revised Monitoring and Maintenance Plan for the Closed Surface Impoundments at the DuPont Edge Moor Plant. March.

Parsons. 2013. *Risk Analysis Study.* Prepared for Department of Natural Resources and Environmental Control. June.

U.S. Environmental Protection Agency (EPA). 2014. Office of Solid Waste and Emergency Response Directive 9200.1-120: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. February.

Verdantas. 2022. Solid Waste Management Units 1 and 2 Sampling and Analysis Plan. November 21.

Verdantas. 2023. *Excavation and Materials Handling and Contingency Plan.* Prepared Department of Natural Resources and Environmental Control (DNREC). August. (Revised April 2025).

Verdantas. 2024. *Solid Waste Management Units 1 and 2 Data Report.*

DuPont. 2003. Corrective Action Plan. August.

DuPont. 2004. Closure Certification Report for Four Surface Impoundments at the DuPont Edge Moor Facility. May 25.

Dupont. 2009. Phase I RCRA Facility Investigation Report for DuPont Edge Moor White Pigment Plant (HW003A16, EPA ID: DED00800284). April 29.

Parsons. 2010. Holland Mulch Site Phase II Investigation Summary Letter Report. July 26.

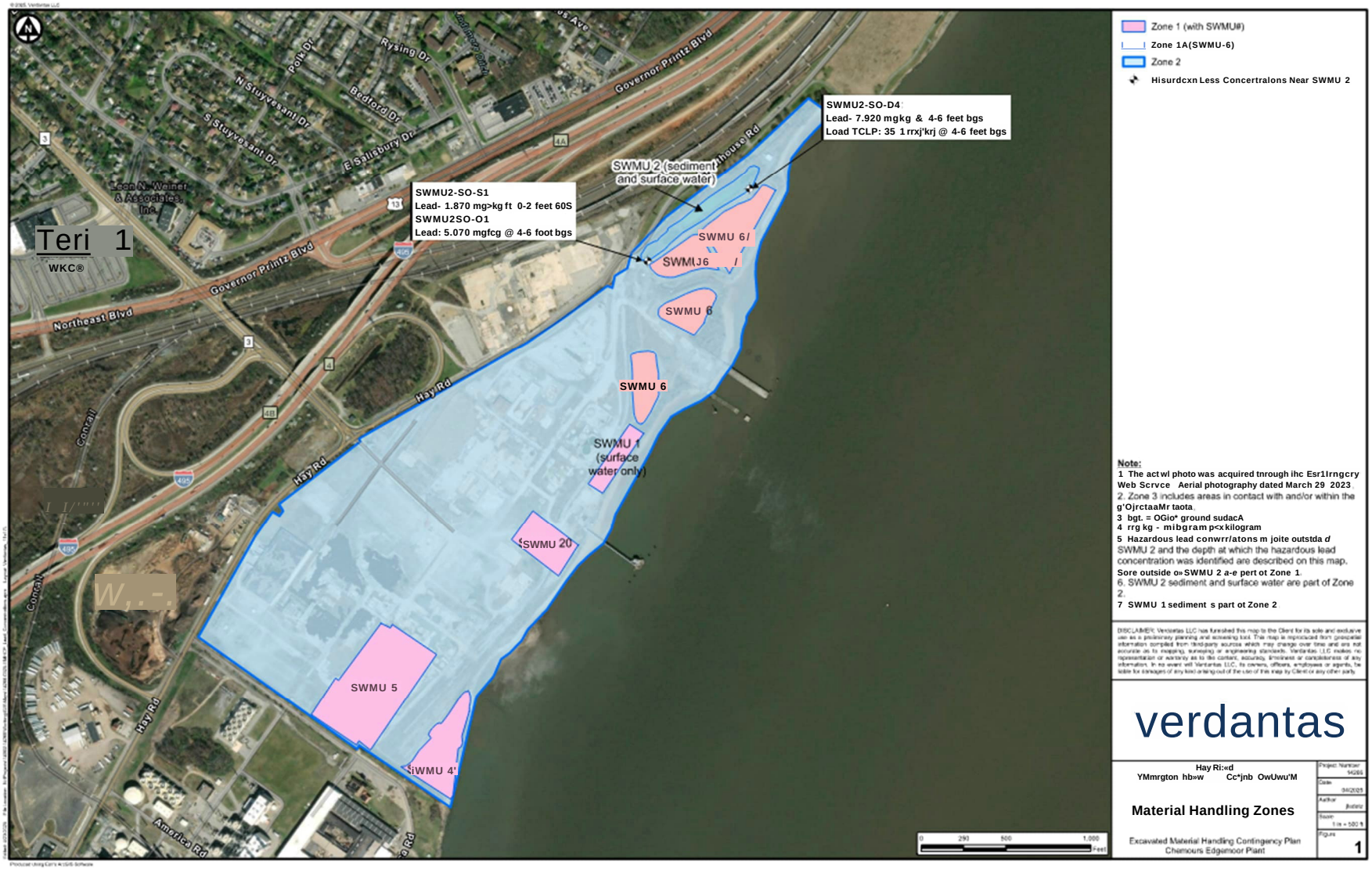
Parsons. 2011. Phase II RCRA Facility Investigation Report for DuPont Edge Moor Plant (HW-03A16, EPA ID: DED00800284). March 3.

Parsons. 2013. Corrective Measures Study. August.

Department of Natural Resources and Environmental Control (DNREC). 2021. Statement of Basis. April 29.

Attachment 1
Material-Handling Zones

Attachment 1. Material-Handling Zones



Attachment 2
Sediment and Stormwater Management Plan Phase 1 Proof of Concept

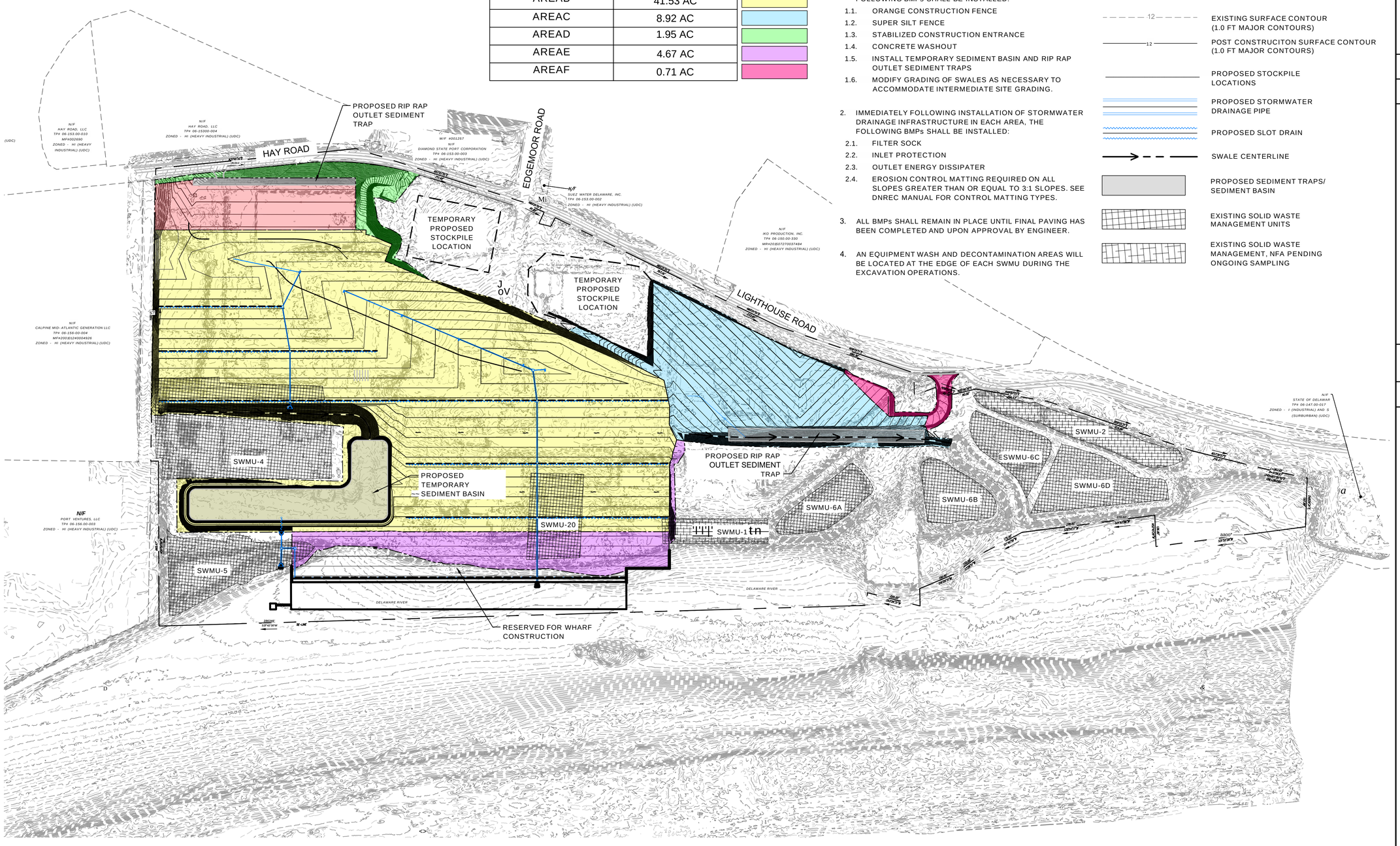
ACREAGE BY DRAINAGE AREA	
AREA A	3.43 AC
AREAB	41.53 AC
AREAC	8.92 AC
AREAD	1.95 AC
AREAE	4.67 AC
AREAF	0.71 AC

SEQUENCING NOTES:

1. PRIOR TO ANY EARTHWORK COMMENCING, THE FOLLOWING BMPs SHALL BE INSTALLED:
   - 1.1. ORANGE CONSTRUCTION FENCE
   - 1.2. SUPER SILT FENCE
   - 1.3. STABILIZED CONSTRUCTION ENTRANCE
   - 1.4. CONCRETE WASHOUT
   - 1.5. INSTALL TEMPORARY SEDIMENT BASIN AND RIP RAP OUTLET SEDIMENT TRAPS
   - 1.6. MODIFY GRADING OF SWALES AS NECESSARY TO ACCOMMODATE INTERMEDIATE SITE GRADING.
2. IMMEDIATELY FOLLOWING INSTALLATION OF STORMWATER DRAINAGE INFRASTRUCTURE IN EACH AREA, THE FOLLOWING BMPs SHALL BE INSTALLED:
   - 2.1. FILTER SOCK
   - 2.2. INLET PROTECTION
   - 2.3. OUTLET ENERGY DISSIPATER
   - 2.4. EROSION CONTROL MATTING REQUIRED ON ALL SLOPES GREATER THAN OR EQUAL TO 3:1 SLOPES. SEE DNREC MANUAL FOR CONTROL MATTING TYPES.
3. ALL BMPs SHALL REMAIN IN PLACE UNTIL FINAL PAVING HAS BEEN COMPLETED AND UPON APPROVAL BY ENGINEER.
4. AN EQUIPMENT WASH AND DECONTAMINATION AREAS WILL BE LOCATED AT THE EDGE OF EACH SWMU DURING THE EXCAVATION OPERATIONS.

LEGEND

- DRAINAGE BOUNDARY
- ADJACENT PROPERTY LINE
- EXISTING SURFACE CONTOUR (1.0 FT MAJOR CONTOURS)
- POST CONSTRUCITON SURFACE CONTOUR (1.0 FT MAJOR CONTOURS)
- PROPOSED STOCKPILE LOCATIONS
- PROPOSED STORMWATER DRAINAGE PIPE
- PROPOSED SLOT DRAIN
- SWALE CENTERLINE
- PROPOSED SEDIMENT TRAPS/ SEDIMENT BASIN
- EXISTING SOLID WASTE MANAGEMENT UNITS
- EXISTING SOLID WASTE MANAGEMENT, NFA PENDING ONGOING SAMPLING



PERMIT SET
NOT FOR CONSTRUCTION

0 200 400 600
1" = 200'

NO.	DATE	REVISION	CHK
0	01.30.26	ISSUED FOR PERMITTING	LM

DSGN: A. DUBOSE | DR: L. MARTIN | CHK: S. RUTKOWSKI | APVD: C. LAWRENCE

BY | APVD
SR

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DELAWARE CONTAINER TERMINAL

EDGEMOOR, DELAWARE

ENSTRUCTURE DCT LLC

SEDIMENT AND STORMWATER MANAGEMENT PLAN - PHASE 1

PROOF OF CONCEPT ATTACHEMENT 1

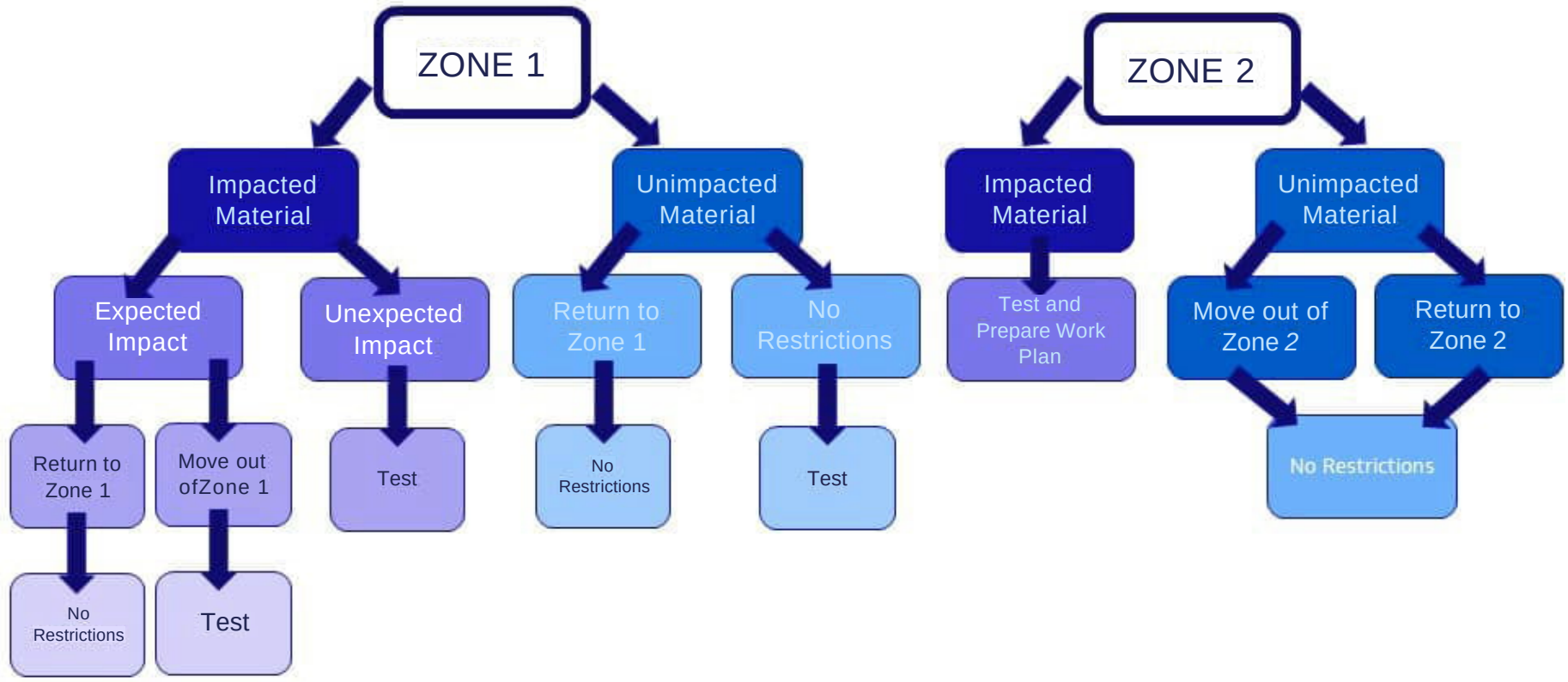
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Attachment 3
Soil, Concrete, Groundwater, and Surface Water Sample Testing Decision Matrices

Attachment 3. Soil, Concrete, Groundwater, and Surface Water Sample Testing Decision Matrices

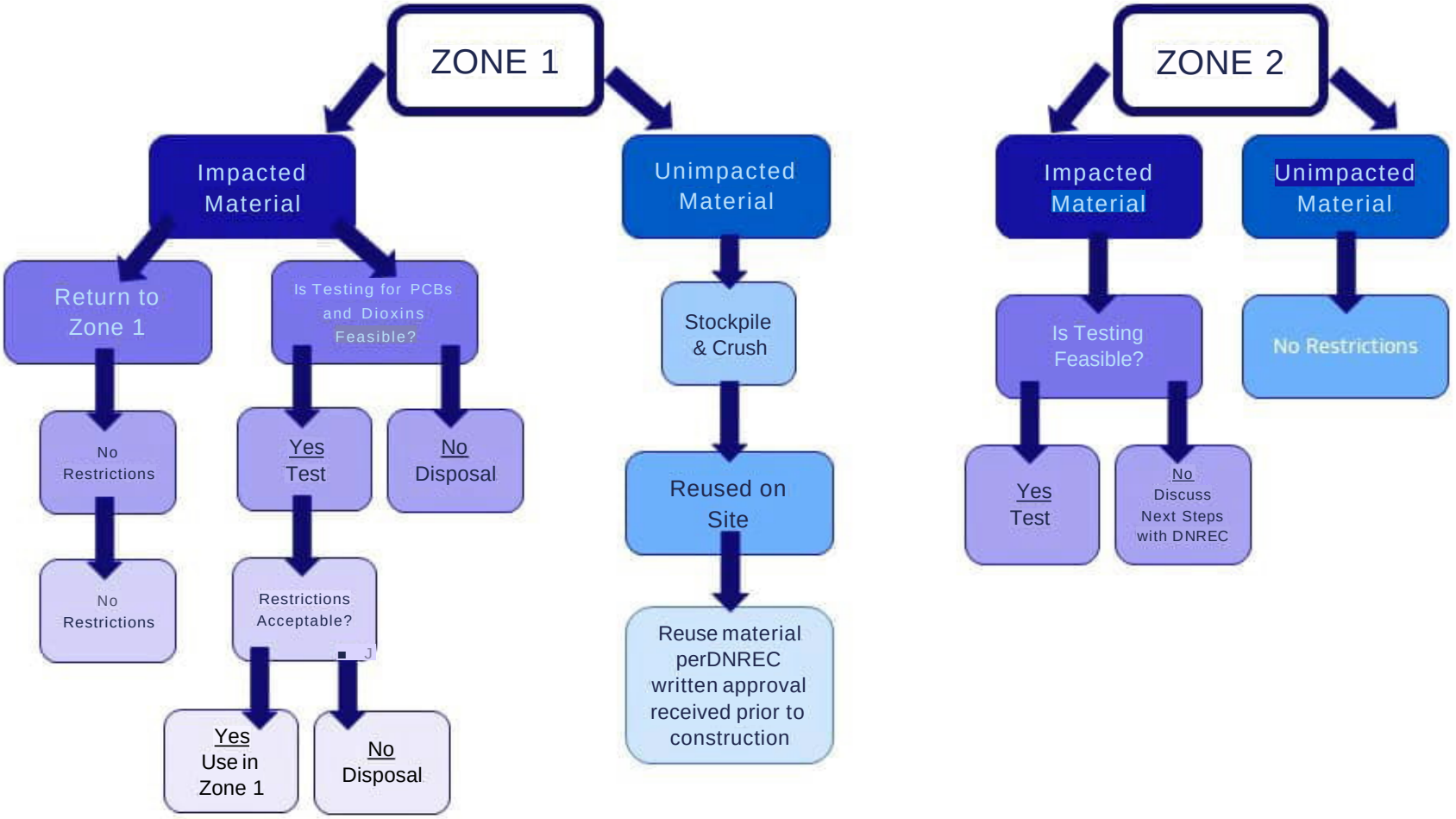
Figure A3-1. Soil and Sediment Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may be an indication of other environmental concerns.

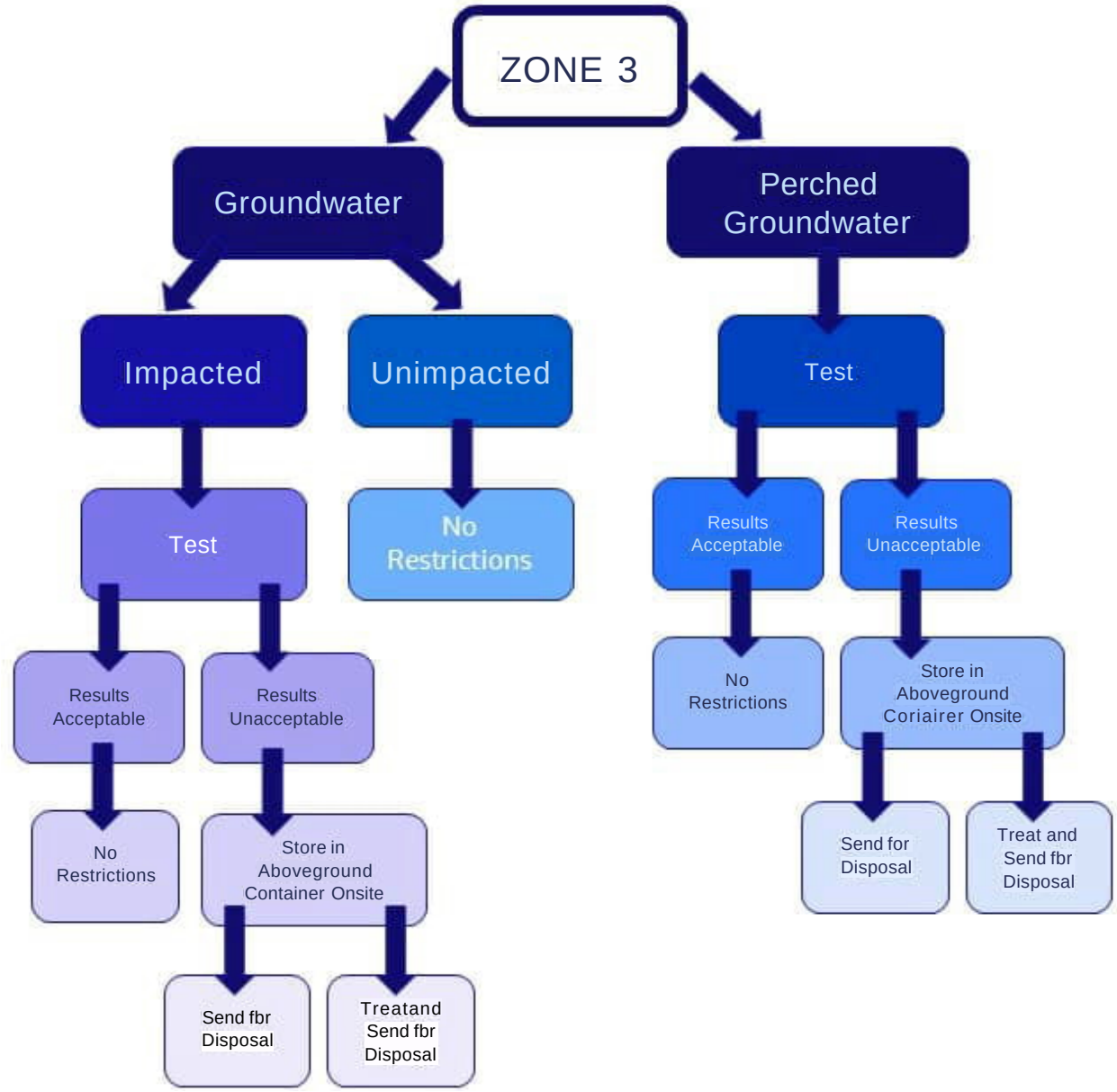
Testing requirements are established in Section 5 of the Excavation and Materials Handling and Contingency Plan (EMHCP) (this attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Figure A3-2. Concrete, Crushed Stone, and Other Material Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may be an indication of other environmental concerns. Testing requirements are established in Section 5 of the EMHCP (his attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

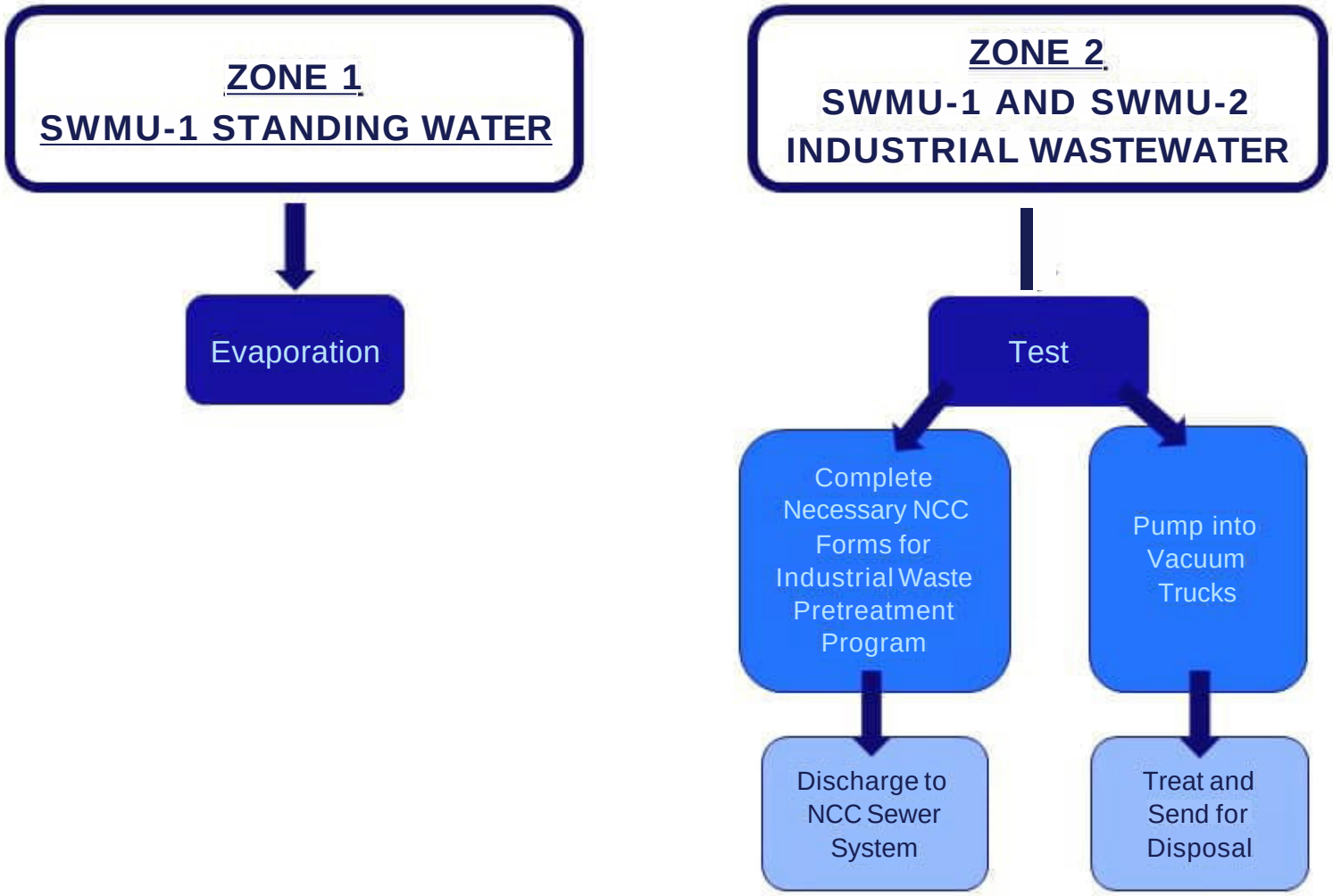
Figure A3-3. Groundwater Testing Decision Matrix



Impacted materials: Materials that have visible discoloring, obvious chemical or petroleum odors, obvious free-draining nonaqueous liquids, indications of organics, indications of combustible vapors, or indications of iron-rich material. If titanium dioxide is observed (blue or black in color), it may bean indication of other environmental concerns.

Testing requirements are established in Section 5 of the EMHCP (this attachment is part ofVerdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Figure A3-4. Surface Water Testing Decision Matrix



Testing requirements are established in Section 5 of the EMHCP (this attachment is part of Verdantas' EMHCP dated August 2023 [revised April 2025] and should only be viewed in the context of that Plan).

Attachment 4
Guidance for Notification Requirements

DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

DIVISION OF WASTE AND HAZARDOUS SUBSTANCES

Remediation Section

Hazardous Substance Cleanup Act
Guidance for Notification Requirements

And

HSCA Reporting Level Table

Updated December 2025

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1.0 Introduction

1.1 The purpose of this document is to provide guidance for Section 3.1 of the Regulations Governing Hazardous Substance Cleanup and to help owners or operators understand how and when to notify the State of contamination.

1.2 This regulation and guidance is designed to provide notification to the State of Delaware of hazardous or potentially hazardous conditions that exist on property that is planned for development.

1.3 The notification is intended to facilitate possible remedial actions that will limit exposure to the public, provide cost-effective oversight, and limit potential liability for property owners.

1.4 Notification, in and of itself, does not mean that remediation will be initiated; however, it does mean that the Department of Natural Resources and Environmental Control, Remediation Section (DNREC-RS) will review the available information and decide if further action is warranted.

2.0 Releases and Potential Releases which Require Notification

2.1 Any exceedance of the reporting level table will be subject to the notification requirement if the owner or operator is planning on undertaking land disturbing activities at a facility.

2.1.1 Land disturbing activities include, but are not limited to, digging, drilling, excavating, grading, clearing, earth moving, filling, or performing any subsurface work. Land disturbing activities do not include environmental investigation, planning, designing, or engineering work related to the facility.

2.1.2 Example - A facility owner has a Phase II Environmental Site Assessment (ESA) performed and analytical data is obtained. One of the data points exceeds the reporting level, and it is in an area where they are planning to develop the property or dig a new utility trench. The owner must notify DNREC-RS at least 30 days in advance of the land disturbing activity, so DNREC-RS has enough time to review the report and determine what further action is appropriate.

2.2 Any evidence of a release during land disturbing activities will require notification within 24 hours to the Department's 24 Hour Release Hotline (800-662-8802). Land disturbing activities may continue on another part of the property as long as it is not immediately adjacent to the area where there is evidence of a release. This will prevent situations where all work must stop because the workers can move to another area on the facility and continue to work; however, if they find evidence of a release at the new area, they must continue moving until they can complete their task without finding evidence of a release.

2.2.1 Evidence of a release includes, but is not limited to, appearance of a sheen, soil staining, or odors characteristic of hazardous substances; buried materials that may contain hazardous substances; or, presence of free product.

2.2.2 Example - A facility owner starts developing a facility without performing a Phase I or Phase II ESA and discovers evidence of a release. The owner must call the 24 Hour Release Hotline within 24 hours of the discovery. The DNREC Emergency Prevention and Response Section (DNREC-EPRS) may handle the response or they may refer it to DNREC-RS. Once DNREC-RS is notified of the situation, DNREC-RS will determine what further action may be appropriate.

2.2.3 Example - A facility owner has a Phase II ESA performed and analytical data is obtained. None of the data points exceed the reporting levels, so the facility owner does not need to notify DNREC-RS. However, when they begin digging for the new development or utility trench, they notice free product. The owner must call the 24 Hour Release Hotline within 24 hours of the discovery. The DNREC-EPRS may handle the response or they may refer it to DNREC-RS. Once DNREC-RS is notified of the situation, DNREC-RS will determine what further action may be appropriate.

3.0 Who is Required to Notify

3.1 The owner or operator is required to notify DNREC-RS if (1) he is planning on undertaking land disturbing activities and he knows that the land has concentrations of hazardous substances at or

above the reporting levels; or (2) he became aware of a release while land disturbing activities were taking place at the facility.

3.1.1 An owner or operator is anyone who owns or operates a facility or who previously owned or operated a facility. For example, a facility manager is an operator because he is involved in operating the facility and is more likely to be aware of possible contamination.

3.2 A Brownfield Developer, prospective purchaser, or a person acting on behalf of the Brownfield Developer, the prospective purchaser, or the owner or operator can report a release to DNREC-RS if they are aware of (1) contamination that is at or above the reporting levels; or (2) evidence of a release that becomes apparent during land disturbing activities.

3.3 Any person who is aware of (1) contamination that is at or above the reporting levels; or (2) evidence of a release that becomes apparent during land disturbing activities is encouraged to notify DNREC-RS, but is not required to do so.

4.0 How Owners or Operators Notify DNREC

4.1 Notification prior to land disturbing activities

4.1.1 The owner or operator should submit a letter, via email or hard copy, that includes the current address and tax parcel of the property, current and future use, a copy of a Phase I and/or Phase II ESA report, including laboratory data in an editable format (Excel or EDD), and any anecdotal evidence to DNREC-RS at least 30 days prior to undertaking land disturbing activities. This will provide DNREC-RS with enough time to review the information, meet with the owner or operator, and determine what future actions are appropriate.

4.2 Notification during land disturbing activities

4.2.1 The owner or operator, or any person acting on his behalf, must notify the 24 Hour Release Hotline (800-662-8802) within 24 hours of noticing the evidence of release. The DNREC-EPRS will determine the next appropriate action.

5.0 How DNREC-RS notifies an owner or operator of a release

5.1 If DNREC-RS learns of a release at a facility, DNREC-RS will contact the owner or operator via phone call and follow up with a letter, via email or hard copy, to obtain any necessary information, including whether they are planning to undertake land disturbing activities.

6.0 Reporting Levels

6.1 Reporting levels are the concentrations of hazardous substances in the environment that are at or above the levels established by the Department, except for groundwater for which the reporting level shall be equivalent to the levels contained in the Delaware and federal drinking water standards. Reporting levels are indicated in the reporting level table in Appendix A of this guidance and on the RS webpage.

6.2 Reporting levels are only used for notification purposes and should not be used for cleanup purposes. They are not the same as cleanup levels and they should not be used as default cleanup levels. They do not take the place of a human health or ecological risk assessment. There may be a risk to human health or the environment at concentrations in soil or groundwater less than the concentrations listed in the table of reporting levels. Reporting levels do not adequately account for cumulative risk to human health or the environment.

6.3 Reporting levels for Soil

6.3.1 Hazardous Substance Cleanup Act (HSCA) reporting levels for soil are primarily based on the United States Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for residential soil, with several exceptions. Regardless of the current or future land use (i.e., residential, commercial, or industrial) at a facility, soil sample results at all facilities should be compared to the HSCA soil reporting level for the particular chemical(s) analyzed.

6.3.2 DNREC-RS recommends analysis of EPA's Target Analyte List (TAL) and Target Compound List (TCL) of chemicals, and any

other chemicals that may be present because of the operational history of the facility.

6.4 Reporting levels for Groundwater

6.4.1 HSCA reporting levels for groundwater are primarily based on the Delaware or federal Maximum Contaminant Level (MCL) for drinking water. Some contaminants have a Delaware MCL, a federal MCL, or both. In the instances where there is both a Delaware and federal MCL, the more conservative level is listed in the HSCA reporting level table. Groundwater sample results should be compared to the groundwater reporting level for the particular chemical(s) analyzed.

6.4.2 DNREC-RS recommends analysis of EPA's TAL and TCL of chemicals, and any other chemicals that may be present because of the operational history of the facility.

6.5 Comparing sample results to reporting levels

6.5.1 After soil and/or groundwater samples are collected from a facility, the individual sample results should be compared to the reporting levels listed in the most recent table provided by DNREC-RS in Appendix A of this guidance and on the RS webpage.

6.5.2 In general, samples that are field-screened only should be compared to the reporting levels and DNREC-RS should be notified if there is an exceedance of a reporting level and if land disturbing activities will occur. If a sample or samples were field-screened and exceed a reporting level, the owner or operator has the option to send those samples to a HSCA-approved laboratory for confirmatory analysis. If the results from the HSCA-approved laboratory do not exceed the reporting level, then DNREC-RS does not need to be notified of these sample results.

6.5.3 Below are two examples comparing sample results to HSCA reporting levels:

6.5.3.1 Example 1 - A Phase II ESA was conducted and soil and groundwater samples were collected from the property. Table 1A and IB show some of the soil and groundwater

sample results from the Phase II ESA, as compared to HSCA reporting levels for soil and groundwater, respectively. Based on this data, one or more soil samples exceed the reporting level for trichloroethylene, benz(a)anthracene, and benzo(a)pyrene. One groundwater sample is equal to the reporting level for trichloroethylene. Prior to undertaking any land disturbing activities, the owner or operator must notify DNREC-RS in writing that these particular hazardous substances are at or above the reporting level for soil and groundwater.

Table 1A: Soil Sample Results compared to HSCA Reporting Levels for Soil

Sample Name		SB01S	SB01D	SB02S
Sample Date		4/7/2013	4/7/2013	4/7/2013
Unit		mg/kg	mg/kg	mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Tetrachloroethylene	86	ND	ND	ND
Trichloroethylene	4.4	2	6	ND
Anthracene	17,000	1.7	ND	0.46
Benz[a]anthracene	1.5	**1.9**	ND	1
Benzo[a]pyrene	0.15	**1.9**	ND	1.1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; mg/kg = milligrams per kilogram

Table IB: Groundwater Sample Results compared to HSCA Reporting Levels for Groundwater

Sample Name Sample Date Unit		MW01 4/17/2013 ug/l	MW02 4/17/2013 ug/l	MW03 4/17/2013 ug/l
Chemical Name	Groundwater Reporting Level (ug/l)			
Benzene	5	2	ND	1.1
Tetrachloroethylene	1	ND	ND	ND
Trichloroethylene	1	3.2	5	1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; ug/l = micrograms per liter

6.5.3.2 Example 2 - A limited soil investigation was conducted and soil was analyzed for metals using a field XRF instrument. Table 2A shows some of the results of screening the soil samples with a field XRF instrument. These results were compared to HSCA reporting levels and all three samples exceeded the reporting level for arsenic. These exceedances would need to be reported to DNREC-RS prior to undertaking land disturbing activities. However, all of the same samples were also sent to a lab for confirmatory analysis (Table 2B), which revealed that none of the soil samples exceeded the reporting level for arsenic (or any other analyte). Results from the XRF instrument were biased high. Therefore, DNREC-RS does not need to be notified of these sample results.

Table 2A: Soil Sample Results, field-screened with XRF, compared to HSCA Reporting Levels for Soil

Sample Name Sample Date Unit		SO-01 4/7/2013 mg/kg	SO-02 4/7/2013 mg/kg	SO-03 4/7/2013 mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Antimony	31	2.3	ND	**ND**
Arsenic	11	**15**	**28**	**19**
Barium	15,000	1119	1320	1282
Iron	74,767	47,800	53,000	52,000
Lead	400	73	37	66.1

ND = not detected; Bold and Shaded = meets or exceeds reporting level; mg/kg = milligrams per kilogram

Table 2B: Soil Sample Results, sent to confirmatory laboratory, compared to HSCA Reporting Levels for Soil

Sample Name Sample Date Unit		SO-01 4/7/2013 mg/kg	SO-02 4/7/2013 mg/kg	SO-03 4/7/2013 mg/kg
Chemical Name	Soil Reporting Level (mg/kg)			
Antimony	31	ND	ND	ND
Arsenic	11	6.7	10	9.6
Barium	15,000	273	298	307
Iron	74,767	47,800	53,000	52,000
Lead	400	26	10.5	24.6

ND = not detected; mg/kg = milligrams per kilogram

6.6 Updates to the Reporting Level Table

6.6.1 The reporting level table will be updated as significant changes occur, and the updated table will be available on the RS webpage (https://dnrec.delaware.gov/waste-hazardous/remediation/laws-regs-guidance/). Analytes may be added or deleted from the table. Therefore, please ensure that you are using the most current version of the reporting level table, available in Appendix A of this guidance and on the RS webpage. The analytes with concentrations that have been updated between the previous version and the current version of the reporting level table will be indicated. The date of the most recent revision will be listed in the heading of the table.

7.0 Procedure after the Department Receives Notification

The course of actions that the Department will take after notification will vary based on the way the notification was received and are described separately.

7.1 Notification Prior to undertaking land disturbing activities

7.1.1 If the owner or operator, Brownfield developer, or his representative, notified DNREC-RS in writing, of a release of a hazardous substance with concentrations at or above the reporting levels, at least 30 days before undertaking land disturbing activities in any area(s) potentially affected by the release at the property, then the following steps are taken:

Step 1: DNREC-RS performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 2: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or

operator of the program under which the facility will be addressed.

Step 3: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site.

Step 4: DNREC-RS enters into a letter agreement with the owner or operator.

Step 5: DNREC-RS performs a full review of the available information for the site and determines whether the Phase II ESA is equivalent to a Facility Evaluation and if adequate data is present to perform an initial screening or if additional data is needed.

Step 6: If there is adequate data, DNREC-RS and the owner or operator will agree that an initial screening will be performed by a HSCA certified consultant or DNREC-RS.

Step 7: If additional data is needed, DNREC-RS will require the owner or operator to collect additional data and perform an initial screening using a HSCA certified consultant under the letter agreement. The owner or operator may choose to bypass this step and proceed through the HSCA process to receive a Certificate of Completion of Remedy (COCR) for the facility under the Voluntary Cleanup Program (VCP) or Brownfields Development Program (BDP).

Step 8: If the initial screening indicates that the release does not exceed acceptable risk, then DNREC-RS issues a Conditional No Further Action. If the initial screening exceeds the acceptable risk, then the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

7.2 Notification during land disturbing activities

7.2.1 If evidence of a release, such as a stained soil, free product or buried materials, was discovered during land disturbing activities, the owner or operator must notify the 24 Hour

Release Hotline (800-662-8802) within 24 hours of learning of the evidence of release, and the following steps are taken:

Step 1: DNREC Emergency Prevention and Response Section (EPRS) visits the site and determines that (1) no action is needed; (2) action under DNREC-RS is needed and refers the facility to DNREC-RS; (3) immediate action is needed and requires the owner or operator to perform the action; (4) residual contamination is present after the immediate action and refers the facility to DNREC-RS; or (5) the site should be referred to a section other than DNREC-RS.

Step 2: DNREC-RS receives notification from EPRS and performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 3: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or operator of the program under which the facility will be addressed.

Step 4: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site. One of the following will occur:

(1) DNREC-RS enters into a letter agreement with the owner or operator for DNREC-RS to provide oversight of a Facility Evaluation (FE) and an initial screening performed by a HSCA certified consultant.

(2) DNREC-RS determines that the action taken by EPRS meets the interim action definition under the Regulations Governing Hazardous Substance Cleanup and the site proceeds through the HSCA process to receive a COCR under the VCP or BDP.

Step 5: DNREC-RS reviews the FE and the initial screening and approves the report. DNREC-RS determines that (1) the initial screening does not exceed the acceptable risk and issues a Conditional No Further Action; or (2) the initial screening exceeds the acceptable risk and the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

7.3 Notification by DNREC to the owner or operator

7.3.1 If DNREC-RS becomes aware of a release that exceeds a reporting level or evidence of a release, such as stained soil, free product or buried materials, the following steps are taken:

Step 1: DNREC-RS contacts the owner or operator and collects additional information, including whether the owner is planning on undertaking land disturbing activities.

Step 2: DNREC-RS performs a preliminary review of the available information for the site, including Phase I and Phase II ESA, and determines that (1) no action under HSCA is needed; (2) further action under HSCA is needed; or (3) the facility needs to be referred to a different program.

Step 3: If no action is needed, DNREC-RS sends a letter to the owner or operator stating that he can proceed with the land disturbing activities and no action under HSCA is needed. If the facility needs to be referred to a different program, DNREC-RS sends a letter notifying the owner or operator of the program under which the facility will be addressed.

Step 4: If further action is needed, DNREC-RS assigns a tracking number (DE number) and a project officer for the site.

Step 5: DNREC-RS enters into a letter agreement with the owner or operator for DNREC-RS to provide oversight of a Facility Evaluation (FE) and an initial screening performed by a HSCA certified consultant.

Step 6: DNREC-RS reviews the FE and the initial screening and approves the report. DNREC-RS determines that (1) the initial screening does not exceed the acceptable risk and issues a Conditional No Further Action; or (2) the initial screening exceeds the acceptable risk and the owner or operator must enter into a settlement agreement with DNREC-RS and the facility will proceed through the HSCA process to receive a COCR under the VCP or BDP.

8.0 Penalty for Failure to Notify

8.1 If an owner or operator fails to notify DNREC-RS of hazardous substances at or above reporting levels prior to undertaking land disturbing activities or fails to notify DNREC-RS or EPRS of evidence of a release during land disturbing activities, then a Public Hearing will occur and the Department may issue a Secretary's Order to the owner or operator.

8.2 Under HSCA §9109(f), the Secretary has the authority to issue an order to anyone who fails to report a release as required by the regulations. If an owner or operator fails to comply with the Secretary's order, they may be subject to a civil penalty of up to $10,000 per day for each day of non-compliance.

Appendix A

HSCA Reporting Level Table

The reporting level table is arranged in the following manner:

Analyte is indicated in column 1.
Chemical Abstracts Service (CAS) registry number corresponding to the analyte is indicated in column 2. If a CAS number is not available for an analyte, another identifier may be indicated in this column for administrative purposes only.
Whether the analyte is carcinogenic or non-carcinogenic is indicated in column 3.
If analyte is part of EPA's Target Analyte List (TAL) or Target Compound List (TCL), 'TAL' or 'TCL' is indicated in column 4.
Reporting level for soil (direct contact) is indicated in milligrams per kilogram (mg/kg) in column 5.
Key describing how soil (direct contact) reporting level was derived is included in column 6.
Reporting level for groundwater (ingestion) is indicated in micrograms per liter (ug/l) in column 7.
Key describing how groundwater (ingestion) reporting level was derived is included in column 8.

The keys, which describe how the reporting levels were derived, are defined as follows:

BTV	Background Threshold Value was calculated based on samples from Delaware background studies. For soil: The concentration is either a 95% Upper Tolerance Limit (UTL) with 95% coverage (for metals), which represents the value below which 95% of the population values are expected to fall with 95% confidence, or a 95% Upper Simultaneous Limit (USL) (for PAHs) with the exception of Arsenic. Arsenic's background concentration was established previously.
DE MCL	Delaware Maximum Contaminant Level
DRO	DNREC Tier 0 action level for TPH-DRO was adopted as the reporting level
GRO	DNREC Tier 0 action level for TPH-GRO was adopted as the reporting level
MAX	Maximum ceiling value was adopted as the reporting level
MCL	Federal Maximum Contaminant Level
NIOSH	Reporting level was based on the National Institute for Occupational Safety & Health (NIOSH) Exposure Limit
PYR	EPA RSL for Pyrene was adopted as the reporting level for Phenanthrene, although Phenanthrene is not included within the EPA RSL table
RSL	EPA Regional Screening Level (with TR = IE-05 and THQ = 0.1)
TAL	EPA Target Analyte List for Metals and Cyanide
TCL	EPA Target Compound List for Volatile Compounds, Semivolatile Compounds, and Pesticides/Aroclors
mg/kg	milligrams per kilogram
ug/l	micrograms per liter
c	carcinogenic
n	non-carcinogenic

Note: EPA's Regional Screening Levels are found at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables. EPA's RSL calculator is found at https://epa-prgs.ornl.gov/cgi-bin/chemicals/csl_search.

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Acephate	30560-19-1	n		19	RSL		
Acetaldehyde	75-07-0	n		82	RSL		
Acetic acid, 2-(4-Chloro-2-methylphenoxy) (MCPA)	94-74-6	n		32	RSL		
Acetochlor	34256-82-1	n		1300	RSL		
Acetone	67-64-1	n	TCL	70000	RSL		
Acetone Cyanohydrin	75-86-5	n		100000	MAX		
Acetonitrile	75-05-8	n		810	RSL		
Acetophenone	98-86-2	n	TCL	7800	RSL		
Acetylaminofluorene, 2-	53-96-3	c		1.4	RSL		
Acrolein	107-02-8	n		0.14	RSL		
Acrylamide	79-06-1	c		2.4	RSL		
Acrylic Acid	79-10-7	n		20	RSL		
Acrylonitrile	107-13-1	c		2.5	RSL		
Adiponitrile	111-69-3	n		100000	MAX		
Alachlor	15972-60-8	c		97	RSL	2	MCL
Aldicarb	116-06-3	n		63	RSL	3	MCL
Aldicarb Sulfone	1646-88-4	n		63	RSL	2	MCL
Aldicarb sulfoxide	1646-87-3					4	MCL
Aldrin	309-00-2	c	TCL	0.39	RSL		
Allyl Alcohol	107-18-6	n		3.5	RSL		
Allyl Chloride	107-05-1	n		1.7	RSL		
Aluminum	7429-90-5	n	TAL	77000	RSL		
Aluminum Phosphide	20859-73-8	n		31	RSL		
Ametryn	834-12-8	n		570	RSL		
Aminobiphenyl, 4-	92-67-1	c		0.26	RSL		
Aminophenol, m-	591-27-5	n		5100	RSL		
Aminophenol, o-	95-55-6	n		250	RSL		
Aminophenol, p-	123-30-8	n		1300	RSL		
Amitraz	33089-61-1	n		160	RSL		
Ammonium Picrate	131-74-8	n		130	RSL		
Ammonium Sulfamate	7773-06-0	n		16000	RSL		
Amyl Alcohol, tert-	75-85-4	n		82	RSL		
Aniline	62-53-3	n		440	RSL		
Anthraquinone, 9,10-	84-65-1	n		130	RSL		
Antimony (metallic)	7440-36-0	n	TAL	31	RSL	6	MCL
Antimony Pentoxide	1314-60-9	n		39	RSL		
Antimony Tetroxide	1332-81-6	n		31	RSL		
Antimony Trioxide	1309-64-4	n		50000	NIOSH		
Arsenic, Inorganic	7440-38-2	c	TAL	11	BTV	10	MCL
Arsine	7784-42-1	n		0.27	RSL		
Asulam	3337-71-1	n		23000	RSL		
Atrazine	1912-24-9	c	TCL	24	RSL	3	MCL
Auramine	492-80-8	c		6.2	RSL		
Avermectin B1	65195-55-3	n		25	RSL		
Azinphos-methyl	86-50-0	n		190	RSL		
Azobenzene	103-33-3	c		56	RSL		
Azodicarbonamide	123-77-3	n		8600	RSL		

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Barium	7440-39-3	n	TAL	15000	RSL	2000	MCL
Benfluralin	1861-40-1	n		390	RSL		
Benomyl	17804-35-2	n		3200	RSL		
Bensulfuron-methyl	83055-99-6	n		13000	RSL		
Bentazon	25057-89-0	n		1900	RSL		
Benzaldehyde	100-52-7	c	TCL	1700	RSL		
Benzene	71-43-2	c	TCL	12	RSL	5	MCL
Benzene, Trimethyl	25551-13-7	n		51	RSL		
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	n		19	RSL		
Benzenethiol	108-98-5	n		78	RSL		
Benzidine	92-87-5	c		0.0053	RSL		
Benzoic Acid	65-85-0	n		100000	MAX		
Benzotrichloride	98-07-7	c		0.53	RSL		
Benzyl Alcohol	100-51-6	n		6300	RSL		
Benzyl Chloride	100-44-7	c		11	RSL		
Beryllium and compounds	7440-41-7	n	TAL	160	RSL	4	MCL
Bifenox	42576-02-3	n		570	RSL		
Biphenthrin	82657-04-3	n		950	RSL		
Biphenyl, 1,1'-	92-52-4	n	TCL	47	RSL		
Bis(2-chloro-l-methylethyl) ether	108-60-1	n	TCL	3100	RSL		
Bis(2-chloroethoxy)methane	111-91-1	n	TCL	190	RSL		
Bis(2-chloroethyl)ether	111-44-4	c	TCL	2.3	RSL		
Bis(chloromethyl)ether	542-88-1	c		0.00083	RSL		
Bisphenol A	80-05-7	n		3200	RSL		
Boron And Borates Only	7440-42-8	n		16000	RSL		
Boron Trichloride	10294-34-5	n		100000	MAX		
Boron Trifluoride	7637-07-2	n		3100	RSL		
Bromate	15541-45-4	c		9.9	RSL	10	MCL
Bromo-2-chloroethane, 1-	107-04-0	n		0.35	RSL		
Bromo-3-fluorobenzene, 1-	1073-06-9	n		23	RSL		
Bromo-4-fluorobenzene, 1-	460-00-4	n		23	RSL		
Bromoacetic acid	79-08-3	n		110	RSL	60	MCL
Bromobenzene	108-86-1	n		290	RSL		
Bromochloromethane	74-97-5	n	TCL	150	RSL		
Bromodichloromethane	75-27-4	c	TCL	2.9	RSL	80	MCL
Bromoform	75-25-2	c	TCL	190	RSL	80	MCL
Bromomethane	74-83-9	n	TCL	6.8	RSL		
Bromophos	2104-96-3	n		390	RSL		
Bromopropane, 1-	106-94-5	c		16	RSL		
Bromoxynil	1689-84-5	c		53	RSL		
Bromoxynil Octanoate	1689-99-2	c		67	RSL		
Butadiene, 1,3-	106-99-0	c		0.76	RSL		
Butanol, n-	71-36-3	n		7800	RSL		
Butyl Alcohol, t-	75-65-0	c		14000	RSL		
Butyl alcohol, sec-	78-92-2	n		100000	MAX		
Butylate	2008-41-5	n		3900	RSL		
Butylated hydroxyanisole	25013-16-5	c		27000	RSL		

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Butylated hydroxytoluene	128-37-0	c		1500	RSL		
Butylbenzene, n-	104-51-8	n		3900	RSL		
Butylbenzene, sec-	135-98-8	n		7800	RSL		
Butylbenzene, tert-	98-06-6	n		7800	RSL		
Cacodylic Acid	75-60-5	n		1300	RSL		
Cadmium	7440-43-9	n	TAL	7.1	RSL	5	MCL
Caprolactam	105-60-2	n	TCL	31000	RSL		
Captafol	2425-06-1	c		36	RSL		
Captan	133-06-2	c		2400	RSL		
Carbaryl	63-25-2	n		6300	RSL		
Carbofuran	1563-66-2	n		320	RSL	40	MCL
Carbon Disulfide	75-15-0	n	TCL	770	RSL		
Carbon Tetrachloride	56-23-5	c	TCL	6.5	RSL	5	MCL
Carbonyl Sulfide	463-58-1	n		67	RSL		
Carbosulfan	55285-14-8	n		630	RSL		
Carboxin	5234-68-4	n		6300	RSL		
Ceric oxide	1306-38-3	n		100000	MAX		
Chloral Hydrate	302-17-0	n		7800	RSL		
Chloramben	133-90-4	n		950	RSL		
Chloranil	118-75-2	c		13	RSL		
Chlordane (alpha)	5103-71-9	n	TCL	36	RSL		
Chlordane (gamma)	5103-74-2	n	TCL	36	RSL		
Chlordane (technical mixture)	12789-03-6	c		17	RSL	2	MCL
Chlordecone (Kepone)	143-50-0	c		0.54	RSL		
Chlorfenvinphos	470-90-6	n		44	RSL		
Chlorimuron, Ethyl-	90982-32-4	n		5700	RSL		
Chlorine	7782-50-5	n		0.18	RSL		
Chlorine Dioxide	10049-04-4	n		2300	RSL		
Chlorite (Sodium Salt)	7758-19-2	n		2300	RSL	1000	MCL
Chloro-l,l-difluoroethane, 1-	75-68-3	n		54000	RSL		
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	c		0.036	RSL		
Chloro-2-methylaniline HCl, 4-	3165-93-3	c		12	RSL		
Chloro-2-methylaniline, 4-	95-69-2	c		54	RSL		
Chloroacetaldehyde, 2-	107-20-0	c		26	RSL		
Chloroacetic Acid	79-11-8	n		220	RSL	60	MCL
Chloroacetophenone, 2-	532-27-4	n		43000	RSL		
Chloroaniline, p-	106-47-8	c	TCL	27	RSL		
Chlorobenzene	108-90-7	n	TCL	280	RSL	100	MCL
Chlorobenzene sulfonic acid, p-	98-66-8	n		6300	RSL		
Chlorobenzilate	510-15-6	c		49	RSL		
Chlorobenzoic Acid, p-	74-11-3	n		1900	RSL		
Chlorobenzotrifluoride, 4-	98-56-6	c		22	RSL		
Chlorobutane, 1-	109-69-3	n		3100	RSL		
Chlorodifluoromethane	75-45-6	n		49000	RSL		
Chloroethanol, 2-	107-07-3	n		1600	RSL		
Chloroform	67-66-3	c	TCL	3.2	RSL	80	MCL
Chloromethane	74-87-3	n	TCL	110	RSL		

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Chloromethyl Methyl Ether	107-30-2	c		0.2	RSL		
Chloronitrobenzene, o-	88-73-3	c		18	RSL		
Chloronitrobenzene, p-	100-00-5	n		44	RSL		
Chlorophenol, 2-	95-57-8	n	TCL	390	RSL		
Chloropicrin	76-06-2	n		2	RSL		
Chlorothalonil	1897-45-6	c		320	RSL		
Chlorotoluene, o-	95-49-8	n		1600	RSL		
Chlorotoluene, p-	106-43-4	n		1600	RSL		
Chlorozotocin	54749-90-5	c		0.023	RSL		
Chlorpropham	101-21-3	n		320	RSL		
Chlorpyrifos	2921-88-2	n		63	RSL		
Chlorpyrifos Methyl	5598-13-0	n		630	RSL		
Chlorsulfuron	64902-72-3	n		3200	RSL		
Chlorthal-dimethyl	1861-32-1	n		630	RSL		
Chlorthiophos	60238-56-4	n		51	RSL		
Chromium(III), (Insoluble Salts)	16065-83-1	n		50000	NIOSH		
Chromium(III), (Soluble Compounds)	16065-83-1	n		85000	RSL		
Chromium(VI)	18540-29-9	c		9.5	RSL		
Chromium, Total	7440-47-3		TAL	210	BTV	100	MCL
Clofentezine	74115-24-5	n		820	RSL		
Cobalt	7440-48-4	n	TAL	34	BTV		
Copper	7440-50-8	n	TAL	3100	RSL	1300	MCL
Cresol, m-	108-39-4	n		3200	RSL		
Cresol, o-	95-48-7	n	TCL	3200	RSL		
Cresol, p-	106-44-5	n	TCL	1300	RSL		
Cresol, p-chloro-m-	59-50-7	n	TCL	6300	RSL		
Cresols	1319-77-3	n		6300	RSL		
Crotonaldehyde, trans-	123-73-9	c		3.7	RSL		
Cumene	98-82-8	n	TCL	1900	RSL		
Cupferron	135-20-6	c		25	RSL		
Cyanazine	21725-46-2	c		6.5	RSL		
Cyanides							
-Calcium Cyanide	592-01-8	n		78	RSL		
-Copper Cyanide	544-92-3	n		390	RSL		
-Cyanide (CN-)	57-12-5	n	TAL	24	RSL	200	MCL
-Cyanogen	460-19-5	n		78	RSL		
-Cyanogen Bromide	506-68-3	n		7000	RSL		
-Cyanogen Chloride	506-77-4	n		3900	RSL		
-Hydrogen Cyanide	74-90-8	n		23	RSL		
-Potassium Cyanide	151-50-8	n		160	RSL		
-Potassium Silver Cyanide	506-61-6	n		390	RSL		
-Silver Cyanide	506-64-9	n		7800	RSL		
-Sodium Cyanide	143-33-9	n		78	RSL	200	MCL
-Zinc Cyanide	557-21-1	n		3900	RSL		
Cyclohexane	110-82-7	n	TCL	6500	RSL		
Cyclohexane, l,2,3,4,5-pentabromo-6-chloro-	87-84-3	c		270	RSL		
Cyclohexanone	108-94-1	n		28000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Cyclohexene	110-83-8	n		310	RSL		
Cyclohexylamine	108-91-8	n		16000	RSL		
Cyfluthrin	68359-37-5	n		1600	RSL		
Cyromazine	66215-27-8	n		32000	RSL		
Dalapon	75-99-0	n		1900	RSL	200	MCL
Daminozide	1596-84-5	c		300	RSL		
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	n		440	RSL		
Demeton	8065-48-3	n		2.5	RSL		
Di(2-ethylhexyl)adipate	103-23-1	c		4500	RSL	400	MCL
Diallate	2303-16-4	c		89	RSL		
Diazinon	333-41-5	n		44	RSL		
Dibromo-3-chloropropane, 1,2-	96-12-8	c	TCL	0.053	RSL	0.2	MCL
Dibromoacetic acid	631-64-1	n		19	RSL	60	MCL
Dibromobenzene, 1,3-	108-36-1	n		31	RSL		
Dibromobenzene, 1,4-	106-37-6	n		780	RSL		
Dibromochloromethane	124-48-1	c	TCL	83	RSL	80	MCL
Dibromoethane, 1,2-	106-93-4	c	TCL	0.36	RSL	0.05	MCL
Dibromomethane (Methylene Bromide)	74-95-3	n		24	RSL		
Dibutyltin Compounds	E1790661	n		19	RSL		
Dicamba	1918-00-9	n		1900	RSL		
Dichloro-2-butene, 1,4-	764-41-0	c		0.021	RSL		
Dichloro-2-butene, cis-1,4-	1476-11-5	c		0.074	RSL		
Dichloro-2-butene, trans-1,4-	110-57-6	c		0.074	RSL		
Dichloroacetic Acid	79-43-6	c		110	RSL	60	MCL
Dichlorobenzene, 1,2-	95-50-1	n	TCL	1800	RSL	600	MCL
Dichlorobenzene, 1,4-	106-46-7	c	TCL	26	RSL	75	MCL
Dichlorobenzidine, 3,3'-	91-94-1	c	TCL	12	RSL		
Dichlorobenzophenone, 4,4'-	90-98-2	n		570	RSL		
Dichlorodifluoromethane	75-71-8	n	TCL	87	RSL		
Dichlorodiphenyldichloroethane, p,p'- (DDD)	72-54-8	c	TCL	23	RSL		
Dichlorodiphenyldichloroethylene, p,p'- (DDE)	72-55-9	c	TCL	20	RSL		
Dichlorodiphenyltrichloroethane, p,p'- (DDT)	50-29-3	c	TCL	19	RSL		
Dichloroethane, 1,1-	75-34-3	c	TCL	36	RSL		
Dichloroethane, 1,2-	107-06-2	c	TCL	4.6	RSL	5	MCL
Dichloroethylene, 1,1-	75-35-4	n	TCL	4.8	RSL	7	MCL
Dichloroethylene, cis-1,2-	156-59-2	n	TCL	63	RSL	70	MCL
Dichloroethylene, trans-1,2-	156-60-5	n	TCL	70	RSL	100	MCL
Dichlorophenol, 2,4-	120-83-2	n	TCL	190	RSL		
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	n		700	RSL	70	MCL
Dichloropropane, 1,2-	78-87-5	n	TCL	16	RSL	5	MCL
Dichloropropane, 1,3-	142-28-9	n		1600	RSL		
Dichloropropanol, 2,3-	616-23-9	n		190	RSL		
Dichloropropene, 1,3-	542-75-6	c		18	RSL		
Dichlorvos	62-73-7	c		19	RSL		
Dicrotophos	141-66-2	n		1.9	RSL		
Dicyclopentadiene	77-73-6	n		1.3	RSL		
Dieldrin	60-57-1	c	TCL	0.34	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Diethanolamine	111-42-2	n		130	RSL		
Diethylene Glycol Monobutyl Ether	112-34-5	n		1900	RSL		
Diethylene Glycol Monoethyl Ether	111-90-0	n		3800	RSL		
Diethylformamide	617-84-5	n		78	RSL		
Diethylstilbestrol	56-53-1	c		0.016	RSL		
Difenzoquat	43222-48-6	n		5200	RSL		
Diflubenzuron	35367-38-5	n		1300	RSL		
Difluoroethane, 1,1-	75-37-6	n		48000	RSL		
Difluoropropane, 2,2-	420-45-1	n		24000	RSL		
Dihydrosafrole	94-58-6	c		99	RSL		
Diisopropyl Ether	108-20-3	n		2200	RSL		
Diisopropyl Methylphosphonate	1445-75-6	n		6300	RSL		
Dimethipin	55290-64-7	n		1400	RSL		
Dimethoate	60-51-5	n		140	RSL		
Dimethoxybenzidine, 3,3'-	119-90-4	c		0.76	RSL		
Dimethyl Sulfide	75-18-3	n		0.62	RSL		
Dimethyl methylphosphonate	756-79-6	c		3200	RSL		
Dimethylamino azobenzene [p-]	60-11-7	c		1.2	RSL		
Dimethylaniline HCl, 2,4-	21436-96-4	c		9.4	RSL		
Dimethylaniline, 2,4-	95-68-1	c		27	RSL		
Dimethylaniline, N,N-	121-69-7	n		160	RSL		
Dimethylbenzidine, 3,3'-	119-93-7	c		0.11	RSL		
Dimethylformamide	68-12-2	n		2600	RSL		
Dimethylhydrazine, 1,1-	57-14-7	n		0.057	RSL		
Dimethylhydrazine, 1,2-	540-73-8	c		0.0088	RSL		
Dimethylphenol, 2,4-	105-67-9	n	TCL	1300	RSL		
Dimethylphenol, 2,6-	576-26-1	n		38	RSL		
Dimethylphenol, 3,4-	95-65-8	n		63	RSL		
Dimethylvinylchloride	513-37-1	c		11	RSL		
Dinitro-o-cresol, 4,6-	534-52-1	n	TCL	5.1	RSL		
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	n		130	RSL		
Dinitroaniline, 3,5-	618-87-1	n		25	RSL		
Dinitrobenzene, 1,2-	528-29-0	n		6.3	RSL		
Dinitrobenzene, 1,3-	99-65-0	n		6.3	RSL		
Dinitrobenzene, 1,4-	100-25-4	n		6.3	RSL		
Dinitrophenol, 2,4-	51-28-5	n	TCL	130	RSL		
Dinitrotoluene Mixture, 2,4/2,6-	E1615210	c		8	RSL		
Dinitrotoluene, 2,4-	121-14-2	c	TCL	17	RSL		
Dinitrotoluene, 2,6-	606-20-2	c	TCL	3.6	RSL		
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	n		7.7	RSL		
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	n		7.7	RSL		
Dinitrotoluene, Technical grade	25321-14-6	c		12	RSL		
Dinoseb	88-85-7	n		63	RSL	7	MCL
Dioxane, 1,4-	123-91-1	c		53	RSL		
Dioxins							
~Hexachlorodibenzo-p-dioxin, Mixture	34465-46-8	c		0.001	RSL		
~Tetrachlorodibenzo-p-dioxin, 2,3,7,8- (2,3,7,8-TCDD)	1746-01-6	c		0.000048	RSL	0.00003	MCL

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Diphenamid	957-51-7	n		1900	RSL		
Diphenyl Ether	101-84-8	n		34	RSL		
Diphenyl Sulfone	127-63-9	n		51	RSL		
Diphenylamine	122-39-4	n		6300	RSL		
Diphenylhydrazine, 1,2-	122-66-7	c		6.8	RSL		
Diquat	2764-72-9	n		140	RSL	20	MCL
Direct Black 38	1937-37-7	c		0.73	RSL		
Direct Blue 6	2602-46-2	c		0.73	RSL		
Direct Brown 95	16071-86-6	c		0.81	RSL		
Disulfoton	298-04-4	n		2.5	RSL		
Dithiane, 1,4-	505-29-3	n		780	RSL		
Diuron	330-54-1	n		130	RSL		
Dodine	2439-10-3	n		1300	RSL		
Endosulfan	115-29-7	n		470	RSL		
Endosulfan Sulfate	1031-07-8	n	TCL	380	RSL		
Endothall	145-73-3	n		1300	RSL	100	MCL
Endrin	72-20-8	n	TCL	19	RSL	2	MCL
Epichlorohydrin	106-89-8	n		19	RSL		
Epoxybutane, 1,2-	106-88-7	n		160	RSL		
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	n		2500	RSL		
Ethephon	16672-87-0	n		320	RSL		
Ethion	563-12-2	n		32	RSL		
Ethoxyethanol Acetate, 2-	111-15-9	n		2600	RSL		
Ethoxyethanol, 2-	110-80-5	n		2600	RSL		
Ethyl Acetate	141-78-6	n		620	RSL		
Ethyl Acrylate	140-88-5	n		47	RSL		
Ethyl Chloride	75-00-3	n	TCL	5400	RSL		
Ethyl Ether	60-29-7	n		16000	RSL		
Ethyl Methacrylate	97-63-2	n		1800	RSL		
Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	c		1300	RSL		
Ethyl dipropylthiocarbamate, S- (EPTC)	759-94-4	n		3900	RSL		
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	n		0.63	RSL		
Ethylbenzene	100-41-4	c	TCL	58	RSL	700	MCL
Ethylene Cyanohydrin	109-78-4	n		4400	RSL		
Ethylene Diamine	107-15-3	n		7000	RSL		
Ethylene Glycol	107-21-1	n		51000	RSL		
Ethylene Glycol Monobutyl Ether	111-76-2	n		6300	RSL		
Ethylene Oxide	75-21-8	c		0.02	RSL		
Ethylene Thiourea	96-45-7	n		5.1	RSL		
Ethyleneimine	151-56-4	c		0.027	RSL		
Ethylphthalyl Ethyl Glycolate	84-72-0	n		100000	MAX		
Fenamiphos	22224-92-6	n		16	RSL		
Fenpropathrin	39515-41-8	n		1600	RSL		
Fenvalerate	51630-58-1	n		1600	RSL		
Fluometuron	2164-17-2	n		820	RSL		
Fluoride	16984-48-8	n		3100	RSL		
Fluorine (Soluble Fluoride)	7782-41-4	n		4700	RSL	2000	DE_MCL

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Fluridone	59756-60-4	n		5100	RSL		
Flurprimidol	56425-91-3	n		2500	RSL		
Flusilazole	85509-19-9	n		130	RSL		
Flutolanil	66332-96-5	n		32000	RSL		
Fluvalinate	69409-94-5	n		630	RSL		
Folpet	133-07-3	n		5700	RSL		
Fomesafen	72178-02-0	n		630	RSL		
Fonofos	944-22-9	n		130	RSL		
Formaldehyde	50-00-0	c		43	RSL		
Formic Acid	64-18-6	n		29	RSL		
Fosetyl-AL	39148-24-8	n		100000	MAX		
Furans							
~Dibenzofuran	132-64-9	n	TCL	78	RSL		
~Furan	110-00-9	n		78	RSL		
-Tetrahydrofuran	109-99-9	n		18000	RSL		
Furazolidone	67-45-8	c		1.4	RSL		
Furfural	98-01-1	n		210	RSL		
Furium	531-82-8	c		3.6	RSL		
Furmecyclox	60568-05-0	c		180	RSL		
Glufosinate, Ammonium	77182-82-2	n		380	RSL		
Glutaraldehyde	111-30-8	n		6000	RSL		
Glycidaldehyde	765-34-4	n		23	RSL		
Glyphosate	1071-83-6	n		6300	RSL	700	MCL
Guanidine	113-00-8	n		780	RSL		
Guanidine Chloride	50-01-1	n		1300	RSL		
Guanidine Nitrate	506-93-4	n		1900	RSL		
Haloxyfop, Methyl	69806-40-2	n		3.2	RSL		
Heptachlor	76-44-8	c	TCL	1.3	RSL	0.4	MCL
Heptachlor Epoxide	1024-57-3	c	TCL	0.7	RSL	0.2	MCL
Heptanal, n-	111-71-7	n		24	RSL		
Heptane, N-	142-82-5	n		22	RSL		
Hexabromobenzene	87-82-1	n		160	RSL		
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	n		13	RSL		
Hexachlorobenzene	118-74-1	n	TCL	0.78	RSL	1	MCL
Hexachlorobutadiene	87-68-3	c	TCL	12	RSL		
Hexachlorocyclohexane, Alpha-	319-84-6	c	TCL	0.86	RSL		
Hexachlorocyclohexane, Beta-	319-85-7	c	TCL	3	RSL		
Hexachlorocyclohexane, Delta-	319-86-8	n		0.0038	RSL		
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	n	TCL	0.057	RSL	0.2	MCL
Hexachlorocyclohexane, Technical	608-73-1	c		3	RSL		
Hexachlorocyclopentadiene	77-47-4	n	TCL	1.8	RSL	50	MCL
Hexachloroethane	67-72-1	c	TCL	18	RSL		
Hexachlorophene	70-30-4	n		19	RSL		
Hexahydro-1,3,5-trinitro-l,3,5-triazine (RDX)	121-82-4	c		83	RSL		
Hexamethylene Diisocyanate, 1,6-	822-06-0	n		3.1	RSL		
Hexamethylene diisocyanate biuret	4035-89-6	n		100000	MAX		
Hexamethylene diisocyanate isocyanurate	3779-63-3	n		100000	MAX		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Hexamethylphosphoramide	680-31-9	n		25	RSL		
Hexane, Commercial	E5241997	c		120	RSL		
Hexane, n-	110-54-3	n		610	RSL		
Hexanedioic Acid	124-04-9	n		100000	MAX		
Hexanol, 1-,2-ethyl- (2-Ethyl-l-hexanol)	104-76-7	n		15	RSL		
Hexanone, 2-	591-78-6	n	TCL	200	RSL		
Hexazinone	51235-04-2	n		2100	RSL		
Hexythiazox	78587-05-0	n		1600	RSL		
Hydramethylnon	67485-29-4	n		1100	RSL		
Hydrazine	302-01-2	c		0.32	RSL		
Hydrazine Sulfate	10034-93-2	c		2.3	RSL		
Hydrogen Chloride	7647-01-0	n		100000	MAX		
Hydrogen Fluoride	7664-39-3	n		3100	RSL		
Hydrogen Sulfide	7783-06-4	n		100000	MAX		
Hydroquinone	123-31-9	c		90	RSL		
Imazalil	35554-44-O	c		89	RSL		
Imazaquin	81335-37-7	n		16000	RSL		
Imazethapyr	81335-77-5	n		100000	MAX		
Iodine	7553-56-2	n		780	RSL		
Iprodione	36734-19-7	n		2500	RSL		
Iron	7439-89-6	n	TAL	75000	BTV		
Isobutyl Alcohol	78-83-1	n		7800	RSL		
Isophorone	78-59-1	c	TCL	5700	RSL		
Isopropalin	33820-53-0	n		1200	RSL		
Isopropanol	67-63-0	n		5600	RSL		
Isopropyl Methyl Phosphonic Acid	1832-54-8	n		6300	RSL		
Isopropyltoluene, p-	99-87-6	n		170	RSL		
Isoxaben	82558-50-7	n		3200	RSL		
Lactofen	77501-63-4	n		510	RSL		
Lactonitrile	78-97-7	n		13	RSL		
Lanthanum	7439-91-0	n		3.9	RSL		
Lanthanum Acetate Hydrate	100587-90-4	n		1.3	RSL		
Lanthanum Chloride Heptahydrate	10025-84-0	n		1.5	RSL		
Lanthanum Chloride, Anhydrous	10099-58-8	n		2.2	RSL		
Lanthanum Nitrate Hexahydrate	10277-43-7	n		1.3	RSL		
Lead Compounds							
-Lead Phosphate	7446-27-7	c		820	RSL		
~Lead acetate	301-04-2	c		26	RSL		
-Lead and Compounds	7439-92-1		TAL	200	RSL	10	MCL
-Lead subacetate	1335-32-6	c		140	RSL		
-Tetraethyl Lead	78-00-2	n		0.0078	RSL		
Lewisite	541-25-3	n		0.39	RSL		
Linuron	330-55-2	n		490	RSL		
Lithium	7439-93-2	n		160	RSL		
Malathion	121-75-5	n		1300	RSL		
Maleic Anhydride	108-31-6	n		6300	RSL		
Maleic Hydrazide	123-33-1	n		32000	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Malononitrile	109-77-3	n		6.3	RSL		
Mancozeb	8018-01-7	n		1900	RSL		
Maneb	12427-38-2	n		320	RSL		
Manganese	7439-96-5	n	TAL	2100	BTV		
Mephosfolan	950-10-7	n		5.7	RSL		
Mepiquat Chloride	24307-26-4	n		1900	RSL		
Mercaptobenzothiazole, 2-	149-30-4	n		250	RSL		
Mercury Compounds							
-Mercuric Chloride	7487-94-7	n		23	RSL	2	MCL
-Mercury (elemental)	7439-97-6	n	TAL	7.1	RSL	2	MCL
-Methyl Mercury	22967-92-6	n		7.8	RSL		
-Phenylmercuric Acetate	62-38-4	n		5.1	RSL		
Merphos	150-50-5	n		2.3	RSL		
Metalaxyl	57837-19-1	n		3800	RSL		
Methacrylonitrile	126-98-7	n		7.5	RSL		
Methamidophos	10265-92-6	n		3.2	RSL		
Methanol	67-56-1	n		100000	MAX		
Methidathion	950-37-8	n		95	RSL		
Methomyl	16752-77-5	n		1600	RSL		
Methoxy-5-nitroaniline, 2-	99-59-2	c		110	RSL		
Methoxychlor	72-43-5	n	TCL	320	RSL	40	MCL
Methoxyethanol Acetate, 2-	110-49-6	n		110	RSL		
Methoxyethanol, 2-	109-86-4	n		260	RSL		
Methyl Acetate	79-20-9	n	TCL	78000	RSL		
Methyl Acrylate	96-33-3	n		150	RSL		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	n	TCL	27000	RSL		
Methyl Hydrazine	60-34-4	n		1	RSL		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	n	TCL	33000	RSL		
Methyl Isocyanate	624-83-9	n		4.6	RSL		
Methyl Methacrylate	80-62-6	n		4400	RSL		
Methyl Parathion	298-00-0	n		16	RSL		
Methyl Phosphonic Acid	993-13-5	n		3800	RSL		
Methyl Styrene (Mixed Isomers)	25013-15-4	n		320	RSL		
Methyl methanesulfonate	66-27-3	c		55	RSL		
Methyl tert-Butyl Ether (MTBE)	1634-04-4	c	TCL	470	RSL	10	DE_MCL
Methyl-l,4-benzenediamine dihydrochloride, 2-	615-45-2	n		19	RSL		
Methyl-2-Pentanol, 4-	108-11-2	n		54000	RSL		
Methyl-5-Nitroaniline, 2-	99-55-8	c		600	RSL		
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	c		0.65	RSL		
Methylaniline Hydrochloride, 2-	636-21-5	c		42	RSL		
Methylarsonic acid	124-58-3	n		630	RSL		
Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	n		13	RSL		
Methylbenzene-l,4-diamine sulfate, 2-	615-50-9	n		19	RSL		
Methylcholanthrene, 3-	56-49-5	c		0.055	RSL		
Methylcyclohexane	108-87-2	n		98	RSL		
Methylene Chloride	75-09-2	n	TCL	350	RSL	5	MCL
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	c		12	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	c		120	RSL		
Methylenebisbenzenamine, 4,4'-	101-77-9	c		3.4	RSL		
Methylenediphenyl Diisocyanate	101-68-8	n		100000	MAX		
Methylstyrene, Alpha-	98-83-9	n		5500	RSL		
Metolachlor	51218-45-2	n		9500	RSL		
Metribuzin	21087-64-9	n		1600	RSL		
Metsulfuron-methyl	74223-64-6	n		16000	RSL		
Mineral oils	8012-95-1	n		100000	MAX		
Mirex	2385-85-5	c		0.36	RSL		
Molinate	2212-67-1	n		130	RSL		
Molybdenum	7439-98-7	n		390	RSL		
Monochloramine	10599-90-3	n		7800	RSL		
Monomethylaniline	100-61-8	n		130	RSL		
Myclobutanil	88671-89-0	n		1600	RSL		
N,N'-Diphenyl-l,4-benzenediamine	74-31-7	n		19	RSL		
Naled	300-76-5	n		160	RSL		
Naphtha, High Flash Aromatic (HFAN)	64742-95-6	n		2300	RSL		
Napropamide	15299-99-7	n		7600	RSL		
Nickel Acetate	373-02-4	n		670	RSL		
Nickel Carbonate	3333-67-3	n		670	RSL		
Nickel Carbonyl	13463-39-3	n		820	RSL		
Nickel Hydroxide	12054-48-7	n		820	RSL		
Nickel Oxide	1313-99-1	n		840	RSL		
Nickel Refinery Dust	E715532	n		820	RSL		
Nickel Soluble Salts	7440-02-0	n	TAL	1400	RSL	100	DE_MCL
Nickel Subsulfide	12035-72-2	c		4.1	RSL		
Nickelocene	1271-28-9	c		6	RSL		
Nitrate (measured as nitrogen)	14797-55-8	n		100000	MAX	10000	MCL
Nitrate + Nitrite (measured as nitrogen)	E701177					10000	MCL
Nitrite (measured as nitrogen)	14797-65-0	n		7800	RSL	1000	MCL
Nitroaniline, 2-	88-74-4	n	TCL	630	RSL		
Nitroaniline, 4-	100-01-6	n	TCL	250	RSL		
Nitrobenzene	98-95-3	c	TCL	51	RSL		
Nitrocellulose	9004-70-0	n		100000	MAX		
Nitrofurantoin	67-20-9	n		4400	RSL		
Nitrofurazone	59-87-0	c		4.2	RSL		
Nitroglycerin	55-63-0	n		6.3	RSL		
Nitroguanidine	556-88-7	n		6300	RSL		
Nitromethane	75-52-5	c		54	RSL		
Nitropropane, 2-	79-46-9	c		0.64	RSL		
Nitroso-N-ethylurea, N-	759-73-9	c		0.045	RSL		
Nitroso-N-methylurea, N-	684-93-5	c		0.01	RSL		
Nitrosodibutylamine, N-	924-16-3	c		0.99	RSL		
Nitrosodiethanolamine, N-	1116-54-7	c		1.9	RSL		
Nitrosodiethylamine, N-	55-18-5	c		0.0081	RSL		
Nitrosodimethylamine, N-	62-75-9	c		0.02	RSL		
Nitrosodiphenylamine, N-	86-30-6	c	TCL	1100	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Nitrosodipropylamine, N-	621-64-7	c	TCL	0.78	RSL		
Nitrosomethylethylamine, N-	10595-95-6	c		0.2	RSL		
Nitrosomorpholine [N-]	59-89-2	c		0.81	RSL		
Nitrosopiperidine [N-]	100-75-4	c		0.58	RSL		
Nitrosopyrrolidine, N-	930-55-2	c		2.6	RSL		
Nitrotoluene, m-	99-08-1	n		6.3	RSL		
Nitrotoluene, o-	88-72-2	c		32	RSL		
Nitrotoluene, p-	99-99-0	n		250	RSL		
Nonane, n-	111-84-2	n		11	RSL		
Norflurazon	27314-13-2	n		95	RSL		
Octabromodiphenyl Ether	32536-52-0	n		190	RSL		
Octahydro-l,3,5,7-tetranitro-l,3,5,7-tetrazocine (HMX)	2691-41-0	n		3900	RSL		
Octamethylpyrophosphoramide	152-16-9	n		130	RSL		
Oryzalin	19044-88-3	c		700	RSL		
Oxadiazon	19666-30-9	n		320	RSL		
Oxamyl	23135-22-0	n		1600	RSL	200	MCL
Oxyfluorfen	42874-03-3	c		74	RSL		
Paclobutrazol	76738-62-0	n		820	RSL		
Paraquat Dichloride	1910-42-5	n		280	RSL		
Parathion	56-38-2	n		380	RSL		
Pebulate	1114-71-2	n		3900	RSL		
Pendimethalin	40487-42-1	n		19000	RSL		
Pentabromodiphenyl Ether	32534-81-9	n		160	RSL		
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	n		6.3	RSL		
Pentachlorobenzene	608-93-5	n		63	RSL		
Pentachloroethane	76-01-7	c		77	RSL		
Pentachloronitrobenzene	82-68-8	c		27	RSL		
Pentachlorophenol	87-86-5	c	TCL	10	RSL	1	MCL
Pentaerythritol tetranitrate (PETN)	78-11-5	n		570	RSL		
Pentamethylphosphoramide (PMPA)	10159-46-3	n		6.3	RSL		
Pentane, n-	109-66-0	n		810	RSL		
Per- and Polyfluoroalkyl Substances (PFAS Salts)							
-Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-80-3	n		0.19	RSL		
-Ammonium perfluorobutanoate	10495-86-0	n		78	RSL		
-Ammonium perfluorodecanoate	3108-42-7	n		0.00013	RSL		
-Ammonium perfluorohexanoate	21615-47-4	n		32	RSL		
-Ammonium perfluorooctanoate	3825-26-1	c		0.00019	RSL		
-Lithium bis[(trifluoromethyl)sulfonyl]azanide	90076-65-6	n		23	RSL		
-Potassium perfluorobutanesulfonate	29420-49-3	n		19	RSL		
-Potassium perfluorobutanoate	2966-54-3	n		160	RSL		
-Potassium perfluorooctanesulfonate	2795-39-3	n		0.0063	RSL		
-Sodium perfluorobutanoate	2218-54-4	n		78	RSL		
-Sodium perfluorohexanoate	2923-26-4	n		32	RSL		
Per- and Polyfluoroalkyl Substances (PFAS)							
~Bis(trifluoromethylsulfonyl)amine (TFSI)	82113-65-3	n		23	RSL		
-Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	n		0.23	RSL	0.01	MCL
~Perfluoro(2-propoxypropanoate)	122499-17-6	n		0.23	RSL	0.01	MCL

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Perfluorobutanesulfonate	45187-15-3	n		19	RSL		
~Perfluorobutanesulfonic acid (PFBS)	375-73-5	n		19	RSL		
~Perfluorobutanoate	45048-62-2	n		78	RSL		
“Perfluorobutanoic acid (PFBA)	375-22-4	n		78	RSL		
~Perfluorodecanoate	73829-36-4	n		0.00013	RSL		
“Perfluorodecanoic acid (PFDA)	335-76-2	n		0.00013	RSL		
~Perfluorododecanoic acid (PFDoDA)	307-55-1	n		3.2	RSL		
~Perfluorohexanesulfonate	108427-53-8	n		1.3	RSL	0.01	MCL
“Perfluorohexanesulfonic acid (PFHxS)	355-46-4	n		1.3	RSL	0.01	MCL
“Perfluorohexanoate	92612-52-7	n		32	RSL		
“Perfluorohexanoic acid (PFHxA)	307-24-4	n		32	RSL		
“Perfluorononanoate	72007-68-2	n		0.19	RSL	0.01	MCL
“Perfluorononanoic acid (PFNA)	375-95-1	n		0.19	RSL	0.01	MCL
~Perfluorooctadecanoic acid (PFODA)	16517-11-6	n		2500	RSL		
“Perfluorooctanesulfonate	45298-90-6	n		0.0063	RSL	0.004	MCL
“Perfluorooctanesulfonic acid (PFOS)	1763-23-1	n		0.0063	RSL	0.004	MCL
“Perfluorooctanoate	45285-51-6	c		0.00019	RSL	0.004	MCL
“Perfluorooctanoic acid (PFOA)	335-67-1	c		0.00019	RSL	0.004	MCL
“Perfluoropropanoic acid (PFPrA)	422-64-0	n		39	RSL		
~Perfluorotetradecanoic acid (PFTetDA)	376-06-7	n		63	RSL		
“Perfluoroundecanoic acid (PFUDA)	2058-94-8	n		19	RSL		
“Potassium perfluorodecanoate	51604-85-4	n		0.00014	RSL		
“Sodium perfluorodecanoate	3830-45-3	n		0.00013	RSL		
Perchlorates							
“Ammonium Perchlorate	7790-98-9	n		55	RSL		
“Lithium Perchlorate	7791-03-9	n		55	RSL		
“Perchlorate and Perchlorate Salts	14797-73-0	n		55	RSL	15	MCL
“Potassium Perchlorate	7778-74-7	n		55	RSL		
“Sodium Perchlorate	7601-89-0	n		55	RSL		
Permethrin	52645-53-1	n		3200	RSL		
Phenacetin	62-44-2	c		2500	RSL		
Phenmedipham	13684-63-4	n		15000	RSL		
Phenol	108-95-2	n	TCL	19000	RSL		
Phenol, 2-(l-methylethoxy)-, methylcarbamate	114-26-1	n		250	RSL		
Phenothiazine	92-84-2	n		32	RSL		
Phenyl Isothiocyanate	103-72-0	n		16	RSL		
Phenylenediamine, m-	108-45-2	n		380	RSL		
Phenylenediamine, o-	95-54-5	c		10	RSL		
Phenylenediamine, p-	106-50-3	n		63	RSL		
Phenylphenol, 2-	90-43-7	c		2800	RSL		
Phorate	298-02-2	n		13	RSL		
Phosgene	75-44-5	n		0.31	RSL		
Phosmet	732-11-6	n		1300	RSL		
Phosphates, Inorganic							
-Aluminum metaphosphate	13776-88-0	n		100000	MAX		
“Aluminum salts of inorganic phosphates	E524680405	n		23000	RSL		
~Dipotassium phosphate	7758-11-4	n		78000	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Disodium phosphate	7558-79-4	n		78000	RSL		
~Monoaluminum phosphate	13530-50-2	n		100000	MAX		
-Monopotassium phosphate	7778-77-0	n		78000	RSL		
-Monosodium phosphate	7558-80-7	n		78000	RSL		
-Phosphoric Acid	7664-38-2	n		78000	RSL		
-Phosphoric acid, aluminum salt (1:1) [aluminum phosphate]	7784-30-7	n		86000	RSL		
-Phosphoric acid, aluminum sodium salt (1:X:X) [sodium aluminum	7785-88-8	n		100000	MAX		
-Polyphosphoric acid	8017-16-1	n		78000	RSL		
-Potassium salts of inorganic phosphates	E524680403	n		78000	RSL		
-Potassium tripolyphosphate	13845-36-8	n		78000	RSL		
-Sodium aluminum phosphate (anhydrous)	10279-59-1	n		100000	MAX		
-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	n		100000	MAX		
-Sodium hexametaphosphate	10124-56-8	n		78000	RSL		
-Sodium polyphosphate	68915-31-1	n		78000	RSL		
-Sodium pyrophosphate	7758-16-9	n		78000	RSL		
-Sodium salts of inorganic phosphates	E524680404	n		78000	RSL		
-Sodium trimetaphosphate	7785-84-4	n		78000	RSL		
-Sodium tripolyphosphate	7758-29-4	n		78000	RSL		
-Tetrapotassium phosphate	7320-34-5	n		78000	RSL		
-Tetrasodium pyrophosphate	7722-88-5	n		78000	RSL		
-Trialuminum sodium tetra decahydrogenoctaorthophosphate	15136-87-5	n		100000	MAX		
-Triphosphoric acid, aluminum salt (1:1) [aluminum triphosphate]	13939-25-8	n		100000	MAX		
-Tripotassium phosphate	7778-53-2	n		78000	RSL		
-Trisodium phosphate	7601-54-9	n		78000	RSL		
Phosphine	7803-51-2	n		23	RSL		
Phosphorus	7723-14-0	n		1.6	RSL		
Phthalates							
~Bis(2-ethylhexyl)phthalate	117-81-7	c	TCL	390	RSL	6	MCL
-Butyl Benzyl Phthalate	85-68-7	c	TCL	2900	RSL		
-Butylphthalyl Butylglycolate	85-70-1	n		63000	RSL		
-Dibutyl Phthalate	84-74-2	n	TCL	6300	RSL		
-Diethyl Phthalate	84-66-2	n	TCL	51000	RSL		
-Dimethylterephthalate	120-61-6	n		7800	RSL		
-Octyl Phthalate, di-N-	117-84-0	n	TCL	630	RSL		
-Phthalic Acid, p-	100-21-0	n		32000	RSL		
-Phthalic Anhydride	85-44-9	n		100000	MAX		
Picloram	1918-02-1	n		4400	RSL	500	MCL
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	n		6.3	RSL		
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	n		130	RSL		
Pirimiphos, Methyl	29232-93-7	n		46	RSL		
Polybrominated Biphenyls	36355-01-8	c		0.18	RSL		
Polychlorinated Biphenyls (PCBs)							
-Aroclor 1016	12674-11-2	n	TCL	4.1	RSL		
-Aroclor 1221	11104-28-2	c	TCL	2	RSL		
-Aroclor 1232	11141-16-5	c	TCL	1.7	RSL		
-Aroclor 1242	53469-21-9	c	TCL	2.3	RSL		
-Aroclor 1248	12672-29-6	c	TCL	2.3	RSL		

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Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
~Aroclor 1254	11097-69-1	n	TCL	1.2	RSL		
~Aroclor 1260	11096-82-5	c	TCL	2.4	RSL		
-Aroclor 5460	11126-42-4	n		35	RSL		
-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	c		1.3	RSL		
-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	c		1.2	RSL		
-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	c		1.2	RSL		
-Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	c		1.2	RSL		
-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	c		0.0012	RSL		
-Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	c		1.2	RSL		
-Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	c		1.2	RSL		
-Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	c		0.00036	RSL		
-Polychlorinated Biphenyls (Total PCBs)	1336-36-3	c		2.3	RSL	0.5	MCL
-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	c		0.38	RSL		
-Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	c		0.12	RSL		
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	n		100000	MAX		
Polynuclear Aromatic Hydrocarbons (PAHs)							
-Acenaphthene	83-32-9	n	TCL	3600	RSL		
-Anthracene	120-12-7	n	TCL	18000	RSL		
~Benz[a]anthracene	56-55-3	c	TCL	11	RSL		
~Benzo[a]pyrene	50-32-8	c	TCL	1.1	RSL	0.2	MCL
~Benzo[b]fluoranthene	205-99-2	c	TCL	11	RSL		
~Benzo[e]pyrene	192-97-2	n		5.7	RSL		
~Benzo[j]fluoranthene	205-82-3	c		4.2	RSL		
~Benzo[k]fluoranthene	207-08-9	c	TCL	110	RSL		
-Benzofluorene, 2,3-	243-17-4	n		320	RSL		
-Chloronaphthalene, Beta-	91-58-7	n	TCL	4800	RSL		
-Chrysene	218-01-9	c	TCL	1100	RSL		
~Dibenz[a,h]anthracene	53-70-3	c	TCL	1.1	RSL		
~Dibenzo[a,e]pyrene	192-65-4	c		0.42	RSL		
~Dimethylbenz[a]anthracene, 7,12-	57-97-6	c		0.0046	RSL		
-Fluoranthene	206-44-0	n	TCL	2400	RSL		
-Fluorene	86-73-7	n	TCL	2400	RSL		
~Indeno[l,2,3-cd]pyrene	193-39-5	c	TCL	11	RSL		
-Methylnaphthalene, 1-	90-12-0	n		0.18	RSL		
-Methylnaphthalene, 2-	91-57-6	n	TCL	240	RSL		
-Naphthalene	91-20-3	c	TCL	20	RSL		
-Naphthylamine, 2-	91-59-8	c		3	RSL		
-Nitropyrene, 4-	57835-92-4	c		4.2	RSL		
-Perylene	198-55-0	n		5.4	RSL		
-Phenanthrene	85-01-8	n	TCL	1800	PYR		
-Pyrene	129-00-0	n	TCL	1800	RSL		
Prochloraz	67747-09-5	c		36	RSL		
Profluralin	26399-36-0	n		470	RSL		
Prometon	1610-18-0	n		950	RSL		
Prometryn	7287-19-6	n		2500	RSL		

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Pronamide	23950-58-5	n		4700	RSL		
Propachlor	1918-16-7	n		820	RSL		
Propanil	709-98-8	n		320	RSL		
Propargite	2312-35-8	c		28	RSL		
Propargyl Alcohol	107-19-7	n		160	RSL		
Propazine	139-40-2	n		1300	RSL		
Propham	122-42-9	n		1300	RSL		
Propiconazole	60207-90-1	n		6300	RSL		
Propionaldehyde	123-38-6	n		75	RSL		
Propionic acid, 2-(2-methyl-4-chlorophenoxy) (MCPP)	93-65-2	n		63	RSL		
Propyl benzene	103-65-1	n		3800	RSL		
Propylene	115-07-1	n		2200	RSL		
Propylene Glycol	57-55-6	n		100000	MAX		
Propylene Glycol Dinitrate	6423-43-4	n		100000	MAX		
Propylene Glycol Monomethyl Ether	107-98-2	n		41000	RSL		
Propylene Oxide	75-56-9	c		21	RSL		
Pyridine	110-86-1	n		78	RSL		
Quinalphos	13593-03-8	n		32	RSL		
Quinoline	91-22-5	c		1.8	RSL		
Quizalofop-ethyl	76578-14-8	n		570	RSL		
Resmethrin	10453-86-8	n		1900	RSL		
Ronnel	299-84-3	n		3900	RSL		
Rotenone	83-79-4	n		250	RSL		
Safrole	94-59-7	c		5.5	RSL		
Selenious Acid	7783-00-8	n		390	RSL		
Selenium	7782-49-2	n	TAL	390	RSL	50	MCL
Selenium Sulfide	7446-34-6	n		390	RSL		
Sethoxydim	74051-80-2	n		8800	RSL		
Silica (crystalline, respirable)	7631-86-9	n		5000	NIOSH		
Silver	7440-22-4	n	TAL	390	RSL		
Simazine	122-34-9	c		45	RSL	4	MCL
Sodium Acifluorfen	62476-59-9	n		820	RSL		
Sodium Azide	26628-22-8	n		310	RSL		
Sodium Diethyldithiocarbamate	148-18-5	c		20	RSL		
Sodium Fluoride	7681-49-4	n		3900	RSL		
Sodium Fluoroacetate	62-74-8	n		1.3	RSL		
Sodium Metavanadate	13718-26-8	n		78	RSL		
Sodium Tungstate	13472-45-2	n		63	RSL		
Sodium Tungstate Dihydrate	10213-10-2	n		63	RSL		
Stirofos (Tetrachlorovinphos)	961-11-5	c		230	RSL		
Strontium, Stable	7440-24-6	n		47000	RSL		
Strychnine	57-24-9	n		19	RSL		
Styrene	100-42-5	n	TCL	6000	RSL	100	MCL
Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	n		190	RSL		
Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	n		190	RSL		
Sulfolane	126-33-0	n		63	RSL		
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	n		51	RSL		

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Analyte	CAS No.	Status	TAL or TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Sulfur Trioxide	7446-11-9	n		100000	MAX		
Sulfuric Acid	7664-93-9	n		100000	MAX		
Sulfurous acid, 2-chloroethyl 2-[4-(l,l-dimethylethyl)phenoxy]-l-	140-57-8	c		220	RSL		
Tebuthiuron	34014-18-1	n		4400	RSL		
Temephos	3383-96-8	n		1300	RSL		
Terbacil	5902-51-2	n		820	RSL		
Terbufos	13071-79-9	n		2	RSL		
Terbutryn	886-50-0	n		63	RSL		
Tert-Butyl Acetate	540-88-5	c		81	RSL		
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	n		6.3	RSL		
Tetrachlorobenzene, 1,2,4,5-	95-94-3	n	TCL	2.3	RSL		
Tetrachloroethane, 1,1,1,2-	630-20-6	c		20	RSL		
Tetrachloroethane, 1,1,2,2-	79-34-5	c	TCL	6	RSL		
Tetrachloroethylene	127-18-4	n	TCL	81	RSL	1	DE_MCL
Tetrachlorophenol, 2,3,4,6-	58-90-2	n	TCL	1900	RSL		
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	c		0.43	RSL		
Tetraethyl Dithiopyrophosphate	3689-24-5	n		32	RSL		
Tetrafluoroethane, 1,1,1,2-	811-97-2	n		100000	MAX		
Tetramethylphosphoramide, -N,N,N',N'' (TMPA)	16853-36-4	n		6.3	RSL		
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	n		160	RSL		
Thallic Oxide	1314-32-5	n		1.6	RSL		
Thallium (1) Nitrate	10102-45-1	n		0.78	RSL		
Thallium (Soluble Salts)	7440-28-0	n	TAL	0.78	RSL	2	MCL
Thallium Acetate	563-68-8	n		0.78	RSL		
Thallium Carbonate	6533-73-9	n		1.3	RSL		
Thallium Chloride	7791-12-0	n		0.78	RSL		
Thallium Selenite	12039-52-0	n		0.78	RSL		
Thallium Sulfate	7446-18-6	n		1.6	RSL		
Thifensulfuron-methyl	79277-27-3	n		2700	RSL		
Thiobencarb	28249-77-6	n		630	RSL		
Thiocyanates	E1790665	n		16	RSL		
Thiocyanic Acid	463-56-9	n		16	RSL		
Thiocyanic acid, (2-benzothiazolylthio)methyl ester (TCMTB)	21564-17-0	n		1900	RSL		
Thiodiglycol	111-48-8	n		5400	RSL		
Thiofanox	39196-18-4	n		19	RSL		
Thiophanate, Methyl	23564-05-8	c		470	RSL		
Thiram	137-26-8	n		950	RSL		
Thitrol (MCPB)	94-81-5	n		2800	RSL		
Tin	7440-31-5	n		47000	RSL		
Titanium Tetrachloride	7550-45-0	n		50000	NIOSH		
Toluene	108-88-3	n	TCL	4900	RSL	1000	MCL
Toluene-2,4-diisocyanate	584-84-9	n		6.4	RSL		
Toluene-2,6-diisocyanate	91-08-7	n		5.3	RSL		
Toluenediamine, 2,3-	2687-25-4	n		6.3	RSL		
Toluenediamine, 2,5-	95-70-5	n		13	RSL		
Toluenediamine, 3,4-	496-72-0	n		6.3	RSL		
Toluic Acid, p-	99-94-5	n		320	RSL		

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Toluidine, o- (Methylaniline, 2-)	95-53-4	c		340	RSL		
Toluidine, p-	106-49-0	c		180	RSL		
Total Petroleum Hydrocarbons (TPH)							
-Diesel Range Organics (DRO)	TPH.DRO			1000	DRO		
-Gasoline Range Organics (GRO)	TPH.GRO			100	GRO		
-Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	n		100000	MAX		
-Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	n		250	RSL		
-Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	n		96	RSL		
-Total Petroleum Hydrocarbons (Aromatic High)	E1790676	n		18	RSL		
-Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	n		300	RSL		
Toxaphene	8001-35-2	c	TCL	4.9	RSL	3	MCL
Toxaphene, Weathered	E1841606	n		1.9	RSL		
Tralomethrin	66841-25-6	n		470	RSL		
Tri-n-butyltin	688-73-3	n		23	RSL		
Triacetin	102-76-1	n		100000	MAX		
Triadimefon	43121-43-3	n		2100	RSL		
Triallate	2303-17-5	c		97	RSL		
Triasulfuron	82097-50-5	n		630	RSL		
Tribenuron-methyl	101200-48-0	n		510	RSL		
Tribromobenzene, 1,2,4-	615-54-3	n		390	RSL		
Tribromophenol, 2,4,6-	118-79-6	n		570	RSL		
Tribufos	78-48-8	n		13	RSL		
Tributyl Phosphate	126-73-8	c		600	RSL		
Tributyltin Compounds	E1790679	n		19	RSL		
Tributyltin Oxide	56-35-9	n		19	RSL		
Trichloro-l,2,2-trifluoroethane, 1,1,2-	76-13-1	n	TCL	6700	RSL		
Trichloroacetic Acid	76-03-9	c		78	RSL	60	MCL
Trichloroaniline HCl, 2,4,6-	33663-50-2	c		190	RSL		
Trichloroaniline, 2,4,6-	634-93-5	n		1.9	RSL		
Trichlorobenzene, 1,2,3-	87-61-6	n	TCL	63	RSL		
Trichlorobenzene, 1,2,4-	120-82-1	n	TCL	58	RSL	70	MCL
Trichloroethane, 1,1,1-	71-55-6	n	TCL	8100	RSL	200	MCL
Trichloroethane, 1,1,2-	79-00-5	n	TCL	1.5	RSL	5	MCL
Trichloroethylene	79-01-6	n	TCL	4.1	RSL	1	DE_MCL
Trichlorofluoromethane	75-69-4	n	TCL	23000	RSL		
Trichlorophenol, 2,4,5-	95-95-4	n	TCL	6300	RSL		
Trichlorophenol, 2,4,6-	88-06-2	n	TCL	63	RSL		
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	n		630	RSL		
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	n		510	RSL	50	MCL
Trichloropropane, 1,1,2-	598-77-6	n		390	RSL		
Trichloropropane, 1,2,3-	96-18-4	c		0.051	RSL		
Trichloropropene, 1,2,3-	96-19-5	n		0.73	RSL		
Tricresyl Phosphate (TCP)	1330-78-5	n		1300	RSL		
Tridiphane	58138-08-2	n		190	RSL		
Triethylamine	121-44-8	n		120	RSL		
Triethylene Glycol	112-27-6	n		100000	MAX		
Trifluoroethane, 1,1,1-	420-46-2	n		15000	RSL		

HSCA Human Health Reporting Level Table - December 2025

Analyte	CAS No.	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Trifluralin	1582-09-8	n		590	RSL		
Trimethyl Phosphate	512-56-1	c		270	RSL		
Trimethylbenzene, 1,2,3-	526-73-8	n		340	RSL		
Trimethylbenzene, 1,2,4-	95-63-6	n		300	RSL		
Trimethylbenzene, 1,3,5-	108-67-8	n		270	RSL		
Trimethylpentene, 2,4,4-	25167-70-8	n		780	RSL		
Trinitrobenzene, 1,3,5-	99-35-4	n		2200	RSL		
Trinitrotoluene, 2,4,6-	118-96-7	n		36	RSL		
Triphenylphosphine Oxide	791-28-6	n		1300	RSL		
Tris(l,3-Dichloro-2-propyl) Phosphate	13674-87-8	n		1300	RSL		
Tris(l-chloro-2-propyl)phosphate	13674-84-5	n		630	RSL		
Tris(2,3-dibromopropyl)phosphate	126-72-7	c		2.8	RSL		
Tris(2-chloroethyl)phosphate	115-96-8	c		270	RSL		
Tris(2-ethylhexyl)phosphate	78-42-2	c		1700	RSL		
Tungsten	7440-33-7	n		63	RSL		
Uranium (Soluble Salts)	7440-61-1	n		16	RSL	30	MCL
Urethane	51-79-6	c		1.2	RSL		
Vanadium Pentoxide	1314-62-1	n		660	RSL		
Vanadium and Compounds	7440-62-2	n	TAL	390	RSL		
Vernolate	1929-77-7	n		78	RSL		
Vinclozolin	50471-44-8	n		76	RSL		
Vinyl Acetate	108-05-4	n		910	RSL		
Vinyl Bromide	593-60-2	c		2.6	RSL		
Vinyl Chloride	75-01-4	c	TCL	0.59	RSL	1	DE_MCL
Warfarin	81-81-2	n		19	RSL		
Xylene, m-	108-38-3	n		550	RSL		
Xylene, o-	95-47-6	n	TCL	640	RSL		
Xylene, p-	106-42-3	n		560	RSL		
Xylenes	1330-20-7	n		580	RSL	10000	MCL
Zinc Phosphide	1314-84-7	n		23	RSL		
Zinc and Compounds	7440-66-6	n	TAL	23000	RSL		
Zineb	12122-67-7	n		3200	RSL		
Zirconium	7440-67-7	n		6.3	RSL		

HSCA Human Health Reporting Level Table

Comparison - December 2025 vs October 2024

Row Color	Description
yellow	New row December 2025
blue	Old row October 2024
gray	Change effect from old to new

HSCA Human Health Reporting Level Table Comparison - December 2025 vs October 2024

Analyte	CAS No.	Type of Observation	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Acetic acid, 2-(4-Chloro-2-methylphenoxy) (MCPA)	94-74-6	December 2025	n		32	RSL	-	
Ammonium perfluorodecanoate	3108-42-7	December 2025	n		0.00013	RSL	-	
Benzofluorene, 2,3-	243-17-4	December 2025	n		320	RSL	-	
Butanol, N-	71-36-3	October 2024	n		7800	RSL	-	
Butanol, n-	71-36-3	December 2025	n		7800	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	October 2024	c		0.1	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	126-99-8	December 2025	c		0.036	RSL	-	
Chloro-l,3-butadiene, 2- (Chloroprene)	.....	Change Effect	.	...	-0.064	.....	-	—
Chromium(lll) (Soluble Compounds)	16065-83-1	October 2024	n		85000	RSL	-	
Chromium(lll), (Insoluble Salts)	16065-83-1	December 2025	n		50000	NIOSH	-	
Chromium(lll), (Soluble Compounds)	16065-83-1	December 2025	n		85000	RSL	-	
Chromium(lll), Insoluble Salts	16065-83-1	October 2024	n		50000	NIOSH	-	
Chromium(VI)	18540-29-9	October 2024	c		3	RSL	-	
Chromium(VI)	18540-29-9	December 2025	c		9.5	RSL	-	
Chromium(VI)	.....	Change Effect	.	...	6.5	.....	-	—
Chromium, Total	7440-47-3	October 2024		TAL	214	BTV	100	MCL
Chromium, Total	7440-47-3	December 2025		TAL	210	BTV	100	MCL
Chromium, Total	▮–.....	Change Effect	.	...	-4	.....	-	—
Cyanide (CN-)	57-12-5	October 2024	n	TAL	23	RSL	200	MCL
Cyanide (CN-)	57-12-5	December 2025	n	TAL	24	RSL	200	MCL
Cyanide (CN-)	—	Change Effect	.	...	1	.....	-	—
Dichloroethylene, 1,1-	75-35-4	October 2024	n	TCL	230	RSL	7	MCL
Dichloroethylene, 1,1-	75-35-4	December 2025	n	TCL	4.8	RSL	7	MCL
Dichloroethylene, 1,1-	.....	Change Effect	.	...	-225.2	.....	-	—
Dimethoxybenzidine, 3,3'-	119-90-4	October 2024	c		3.4	RSL	-	
Dimethoxybenzidine, 3,3'-	119-90-4	December 2025	c		0.76	RSL	-	
Dimethoxybenzidine, 3,3'-	–.....	Change Effect	.	...	-2.64	.....	-	.....
Dimethyl Sulfide	75-18-3	December 2025	n		0.62	RSL	-	
Dimethylbenzidine, 3,3'-	119-93-7	October 2024	c		0.49	RSL	-	
Dimethylbenzidine, 3,3'-	119-93-7	December 2025	c		0.11	RSL	-	
Dimethylbenzidine, 3,3'-	.....	Change Effect	.	...	-0.38	....	-	.....
EPTC	759-94-4	October 2024	n		3900	RSL	-	
Ethyl dipropylthiocarbamate, S- (EPTC)	759-94-4	December 2025	n		3900	RSL	-	
Formaldehyde	50-00-0	October 2024	c		110	RSL	-	
Formaldehyde	50-00-0	December 2025	c		43	RSL	-	
Formaldehyde	.....	Change Effect	.	...	-67	.....	-	[redacted]
Hexachlorocyclohexane, Delta-	319-86-8	December 2025	n		0.0038	RSL	-	
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	October 2024	c	TCL	5.7	RSL	0.2	MCL
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	December 2025	n	TCL	0.057	RSL	0.2	MCL
Hexachlorocyclohexane, Gamma- (Lindane)	.....	Change Effect	X	...	-5.643	.....	-	.....
Hexane, N-	110-54-3	October 2024	n		610	RSL	-	
Hexane, n-	110-54-3	December 2025	n		610	RSL	-	
Iron	7439-89-6	October 2024	n	TAL	74767	BTV	-	
Iron	7439-89-6	December 2025	n	TAL	75000	BTV	-	
Iron	. .....	Change Effect	.	...	233	.....	-	[redacted]
Isopropyltoluene, p-	99-87-6	December 2025	n		170	RSL	-	
Lead and Compounds	7439-92-1	October 2024		TAL	200	RSL	15	MCL
Lead and Compounds	7439-92-1	December 2025		TAL	200	RSL	10	MCL
Lead and Compounds	.....	Change Effect	.	...	-	.....	-5	.....

HSCA Human Health Reporting Level Table Comparison - December 2025 vs October 2024

Analyte	CAS No.	Type of Observation	Status	TALor TCL	Soil (Direct Contact) (mg/kg)	Key	Groundwater (ug/L)	Key
Lead and Compounds (with other sources of lead present, see Guidance)	7439-92-1	October 2024		TAL	100	RSL	-	
MCPA	94-74-6	October 2024	n		32	RSL	-	
MCPB	94-81-5	October 2024	n		2800	RSL	-	
MCPP	93-65-2	October 2024	n		63	RSL	-	
Mercury (elemental)	7439-97-6	October 2024	n	TAL	11	RSL	2	MCL
Mercury (elemental)	7439-97-6	December 2025	n	TAL	7.1	RSL	2	MCL
Mercury (elemental)	.....	Change Effect	.	...	-3.9	.....	-	—
Perfluoro(2-propoxypropanoate)	122499-17-6	December 2025	n		0.23	RSL	0.01	MCL
Perfluorodecanoate	73829-36-4	December 2025	n		0.00013	RSL	-	
Perfluorodecanoic acid (PFDA)	335-76-2	December 2025	n		0.00013	RSL	-	
Phenylenediamine, o-	95-54-5	October 2024	c		45	RSL	-	
Phenylenediamine, o-	95-54-5	December 2025	c		10	RSL	-	
Phenylenediamine, o-	—	Change Effect	.	...	-35	.....	-	—
Potassium perfluorodecanoate	51604-85-4	December 2025	n		0.00014	RSL	-	
Propionic acid, 2-(2-methyl-4-chlorophenoxy) (MCPP)	93-65-2	December 2025	n		63	RSL	-	
Sodium perfluorodecanoate	3830-45-3	December 2025	n		0.00013	RSL	-	
TCDD, 2,3,7,8-	1746-01-6	October 2024	c		0.000048	RSL	0.00003	MCL
Tetrachlorodibenzo-p-dioxin, 2,3.7,8- (2,3,7,8-TCDD)	1746-01-6	December 2025	c		0.000048	RSL	0.00003	MCL
Thitrol (MCPB)	94-81-5	December 2025	n		2800	RSL	-	

Attachment 5
Soil and Waste Tracking Log

Soil and Waste Tracking Log

Project Name: _____

Project Address: _____

Contractor: _____

Excavation Data								Initial Observation			Testing Data							
Excavation Date	Contractor	Soil Origin	Storage Location	Stockpile/ Container ID	Container Type	Volume (CY)	90-DAY Ship-by Date	Visual/PID Designation	On-Site Reuse Location	Date Placed in SWMU	Sampled Y/N	Sample Type	VOC Reading	Sample Date	Sample ID	Analytical Suite	Date Samples Arrived at Lab	Laboratory Name
1/1/2026	Walsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-001	Stockpile	500	4/1/2026	No visual contam observed, PID=0.0	SWMU-02	1/30/2026	N	-	-	-	-	-	-	-
1/10/2026	WaLsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-002	Stockpile	500	4/10/2026	Visual discoloration (white), PID=1.5	-	-	Y	G/C	2.5	1/30/2026	WC_S02_01302026	TCL VOCs, DRO, GRO, TAL Metals, PCBs, RICs, O&G, TOC, COD, Am-Nit, TS, TVS, Full RCRA TCLP, T-Cn	2/1/2026	Eurofins Lancaster
2/1/2026	Walsh/SBI	SWMU-04	Stockpile within SWMU04Area	SP-003	Stockpile	500	5/2/2026	Visual discoloration (white, blue), PID=1.5	-	-	Y	G/C	2.5	1/30/2026	WC_S02_01302026	TCL VOCs, DRO, GRO, TAL Metals, PCBs, RICs, O&G, TOC, COD, Am-Nit, TS, TVS, Full RCRA TCLP, T-Cn	2/1/2026	Eurofins Lancaster

Soil and Waste Tracking Log

Project Name: _____

Project Address: _____

Contractor: _____

Excavation Data								Results/Disposal						
Excavation Date	Contractor	Soil Origin	Storage Location	Stockpile/ Container ID	Container Type	Volume (CY)	90-DAY Ship-by Date	Waste Designation	Waste Profile ID	Date Transported Offsite	Manifest Number	Transporter	Disposal Facility	Disposal Facility Date
1/1/2026	Walsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-001	Stockpile	500	4/1/2026	On-site reuse	-	-	-	-	-	-
1/10/2026	WaLsh/SBI	SWMU-02	Stockpile within SWMU02 Area	SP-002	Stockpile	500	4/10/2026	Non-haz	XYZ001	2/20/2026	001002036JJK	ABC Trans	ABC Landfill	2/20/2026
2/1/2026	Walsh/SBI	SWMU-04	Stockpile within SWMU04Area	SP-003	Stockpile	500	5/2/2026	RCRA-Hazardous	JKO1234	4/1/2026	001002037JJK	XYZ Trans	Haz123TSDF	4/1/2026

Appendix C
Closure Certification Report

Appendix D
Phase I Remedial Facility Investigation Report

Appendix E
Phase II Remedial Facility Investigation Report

Appendix F
Risk Assessment Report