Operations & Maintenance Inc.
7 Barton Rd.
Pennellville, NY 13132

Gary Mullen, Jr.
Project Manager
gmullenomi@gmail.com
315-378-5088

July 28, 2023

BY E-MAIL AND OVERNIGHT DELIVERY (For Original Signed PRR Only)

Michael Belveg, Assistant Engineer (Environmental)
New York State Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204
michael.belveg@dec.ny.gov

Re: Former Miller Container Site – Registry Site # 738029 (the "Site")
- Submission of Periodic Review Report (PRR)
Reporting Period: April 30, 2022 – April 30, 2023

Michael:

Enclosed are the following documents that make up the PRR submittal for the referenced Site for the 2022-2023 reporting period:

a) PRR signed by Onondaga Environmental Institute for the Site Owner, MLT Leasing LLC (copy of original). MLT Leasing LLC is certifying to the portion of the PRR that covers the Institutional Controls (ICs) associated with the Site. Included with the Site Owner submittal is information regarding the recent changes to the interior and proposed changes to the exterior (electronic only).
b) PRR signed by Scott D. Nostrand, P.E. on behalf of the Remedial Party (RP), Miller Brewing Company (copy of original). This PRR reflects revisions made to the form PRR to reflect the division of certification responsibility between the Site Owner and the RP. As discussed with the Department, the RP is certifying the portion of the PRR that covers the Engineering Controls (ECs) associated with the Site[1]; and
c) Year 26 Annual Groundwater Monitoring Report. This is in the same format that we have used in the course of the remediation. We will continue to use this format for PRR purposes as provided in the Site Management Plan (SMP) (October 2016) (see section 5.3 of the SMP). Appendices will be sent as an electronic copy only.

[1] Note that Box 3 in the RP version of the PRR makes reference to the recorded Declaration of Covenants and Restrictions as containing the existing ICs because that reflects our understanding of the scope of the ICs that are in effect. However, the RP is making no certification as to the ICs because that is the obligation of the Site Owner

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In accordance with the directions provided under the Department's March 28, 2023 email sent to Jay Eversman at the Anheuser-Busch Cos., LLC, all the enclosures will be forwarded to you by e-mail. In addition, a paper copy of the signed PRR from Barton & Loguidice (EC certification) and Onondaga Environmental Institute (IC certification), along with the text of the annual report will be sent to you by overnight delivery.

Regards,
OPERATIONS & MAINTENANCE, INC.

Gary Mullen
Project Manager

Enclosures
ecc: Margaret Sheen, Esq., NYSDEC Region 7
Harry Warner, NYSDEC Region 7
Eamonn O'Neil, NYSDOH
Maureen Schuck, NYSDOH
Jay Eversman, Esq. Anheuser-Busch Cos., LLC
Kiera States, MLT Leasing
Edward Michalenko, Ph.D., Onondaga Environmental Institute
William Buchan, Operations & Maintenance Inc.
Bryce Dingman, Barton & Loguidice

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **738029**

Site Name Former Miller Container Site

Site Address: NY Route 57 Zip Code: 13069
City/Town: Volney
County: Oswego
Site Acreage: 12.704

Reporting Period: April 30, 2022 to April 30, 2023

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☑	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☑	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☑	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☑	☐
7. Are all ICs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 738029

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
	MLT Leasing LLC	Ground Water Use Restriction

Box 4

Description of Engineering Controls

Parcel	Engineering Control
	Groundwater Treatment System Air Sparging/Soil Vapor Extraction

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☐	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 738029

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I EDWARD M. MICHALENKO at 6493 RIDINGS Rd Syr. NY 13206,
print name print business address

am certifying as OWNER REPRESENTATIVE (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5.25.23
Date

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 738029

Site Name Former Miller Container Site

Site Address: NY Route 57 Zip Code: 13069
City/Town: Volney
County: Oswego
Site Acreage: 12.704

Reporting Period: April 30, 2022 to April 30, 2023

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	X	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 738029 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	MLT Leasing LLC	Ground Water Use Restriction

* Not applicable to remedial party, ICs are the responsibility of the site owner as recorded in the Declaration of Covenants & Restrictions for the site.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
Tax Map #254.00-05-04.01	Groundwater Treatment System Air Sparging/Soil Vapor Extraction Groundwater Extraction System

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Scott D. Nostrand (print name) at 443 Electronics Pkwy, Liverpool, NY 13088 (print business address),

am certifying as a Professional Engineer for the Remedial Party (Owner or ~~Remedial~~ Party)

Scott D. Nostrand — Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

07/28/2023 — Date

NEW YORK STATE ROUTE No. 481

NEW YORK STATE ROUTE No. 481

COUNTY ROUTE No.57

50.21 ACRES
TAX MAP PARCEL
254.00-05-04.01

PROPOSED PAVEMENT EXPANSION

POND

TOWN OF VOLNEY
CITY OF FULTON

NOW OR FORMERLY
POWER MILL CORP
BK. 1079 PG. 153

NOW OR FORMERLY
BARRINGTON HILLS ASSOC
BK. 1060 PG. 113

NOW OR FORMERLY
NIAGARA MOHAWK POWER CORPORATION
BK. 1063 PG. 151

NOW OR FORMERLY
RAILROAD BONDS, INC.
BK. 147 PG. 316

HIGHWAY BOUNDARY

EXCEPTION 2008-00R216

NORTH LINE SUB. B

EXTENDED NORTH LINE

SANITARY SEWER EASEMENT
BK. 1063 PG. 151

ASPHALT DRIVE

ASPHALT PARKING AREA

CONCRETE PAD

GRAVEL

CHAIN LINK FENCE

WOOD FENCE

WIRE FENCE

OVERHEAD WIRES

GUIDE RAIL

CONCRETE BLOCK METAL BUILDING

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BLDG. NO. 2 #2

BLDG. NO. 3 #3

BLDG. NO. 4 #4

BLDG. NO. 5 #5

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GENERAL PLAN
SCALE: 1"=100'

100' 0' 100' 200'
SCALE

MILLER
ENGINEERS

STATE OF NEW YORK
DOUGLAS A. MILLER
LICENSED
071575
PROFESSIONAL ENGINEER

PROJECT TITLE & LOCATION:

DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069

2023 PAVEMENT EXPANSION

DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

REVISIONS	

DRAWING TITLE

GENERAL PLAN

DRAWING NUMBER

GP-1

NEW YORK STATE ROUTE No. 481

PROPOSED ASPHALT PAVEMENT

RELOCATE DRAINAGE CHANNEL

PROPOSED BIO-RETENTION AREA
ELEV. 368.00 (37,800 S.F. MIN.)

FOR CONTINUATION SEE DRAWING GR-2

GRADING PLAN - EAST
SCALE: 1"=50'

50' 0' 50' 100'
SCALE

MILLER ENGINEERS

DOUGLAS A. MILLER
LICENSED
071575
PROFESSIONAL ENGINEER
STATE OF NEW YORK

PROJECT TITLE & LOCATION:

DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069

2023 PAVEMENT EXPANSION

DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

REVISIONS	

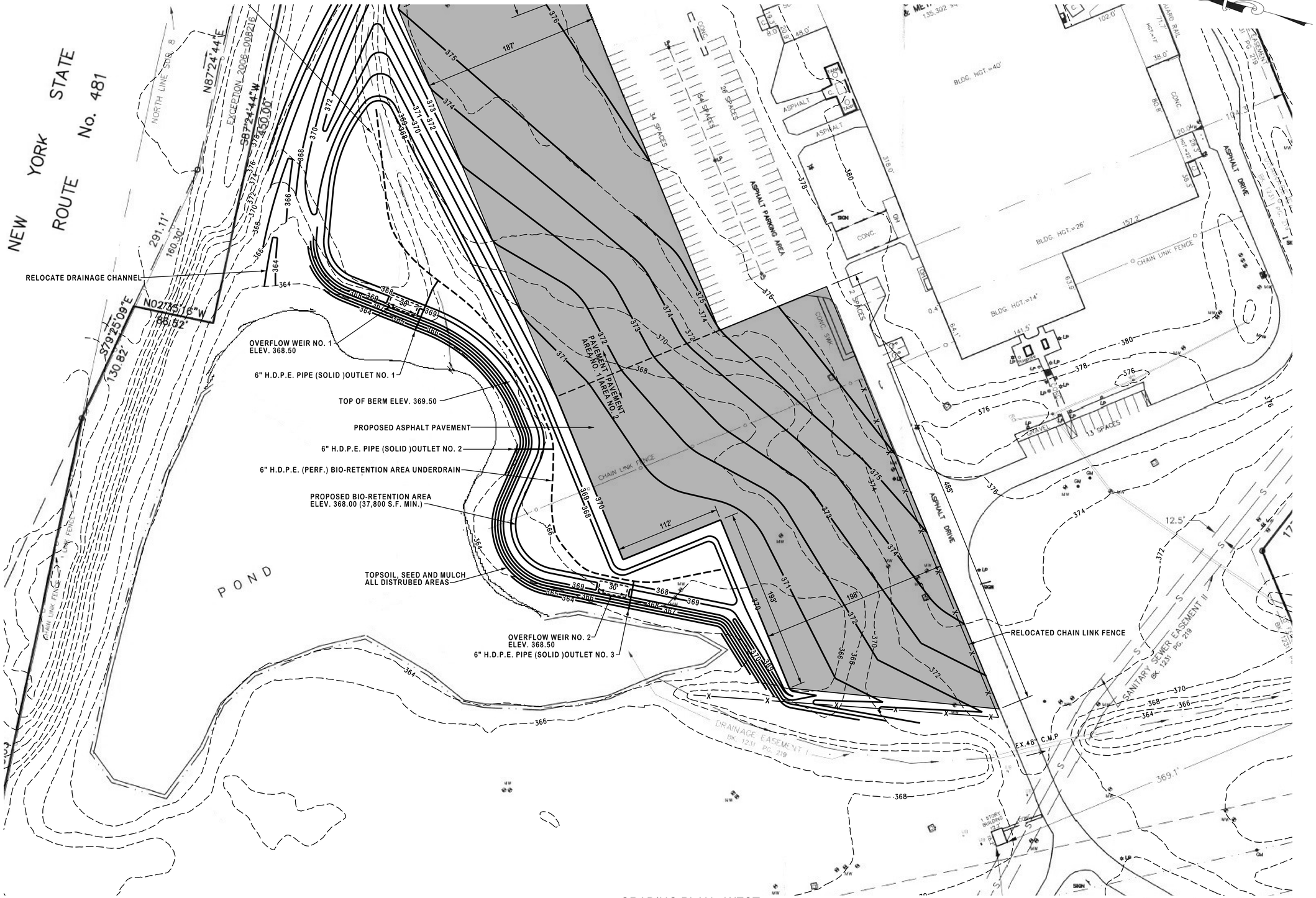
DRAWING TITLE

GRADING PLAN EAST

DRAWING NUMBER

GR-1

FOR CONTINUATION SEE DRAWING GR-1



GRADING PLAN - WEST
SCALE: 1"=50'

MILLER ENGINEERS

STATE OF NEW YORK ★ DOUGLAS A. MILLER ★ LICENSED 071575 PROFESSIONAL ENGINEER

PROJECT TITLE & LOCATION:

DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069

2023 PAVEMENT EXPANSION

DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

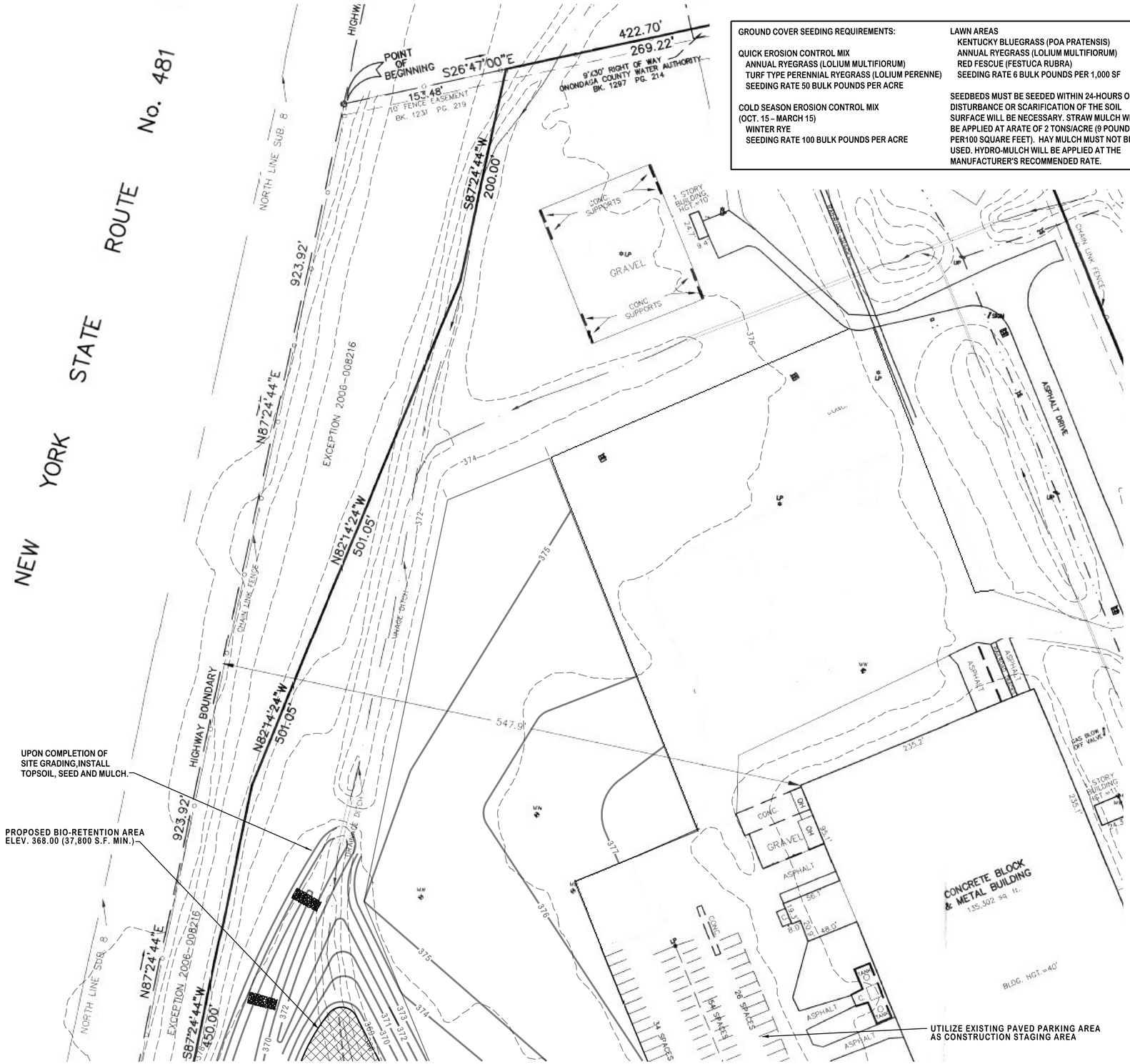
REVISIONS	

DRAWING TITLE

GRADING PLAN WEST

DRAWING NUMBER

GR-2



FOR CONTINUATION SEE DRAWING SMP-2

STORMWATER MANAGEMENT PLAN - EAST

SCALE: 1"=50'

GROUND COVER SEEDING REQUIREMENTS:

QUICK EROSION CONTROL MIX
- ANNUAL RYEGRASS (LOLIUM MULTIFIORUM)
- TURF TYPE PERENNIAL RYEGRASS (LOLIUM PERENNE)
- SEEDING RATE 50 BULK POUNDS PER ACRE

COLD SEASON EROSION CONTROL MIX
(OCT. 15 – MARCH 15)
- WINTER RYE
- SEEDING RATE 100 BULK POUNDS PER ACRE

LAWN AREAS
- KENTUCKY BLUEGRASS (POA PRATENSIS)
- ANNUAL RYEGRASS (LOLIUM MULTIFIORUM)
- RED FESCUE (FESTUCA RUBRA)
- SEEDING RATE 6 BULK POUNDS PER 1,000 SF

SEEDBEDS MUST BE SEEDED WITHIN 24-HOURS OF DISTURBANCE OR SCARIFICATION OF THE SOIL SURFACE WILL BE NECESSARY. STRAW MULCH WILL BE APPLIED AT ARATE OF 2 TONS/ACRE (9 POUNDS PER100 SQUARE FEET). HAY MULCH MUST NOT BE USED. HYDRO-MULCH WILL BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE.

CONSTRUCTION SEQUENCE

1. UTILIZE EXISTING MAIN ENTRANCE DRIVEWAY AS STABILIZED CONSTRUCTION ENTRANCE.
2. UTILIZE EXISTING PAVED PARKING AREA AS CONSTRUCTION STAGING AREA.
3. RELOCATE EXISTING DRAINAGE CHANNEL NORTH OF PROPOSED IMPROVEMENTS, INSTALL CHECK DAMS WITHIN DRAINAGE CHANNEL AND STABILIZE CHANNEL WITH TOPSOIL, SEED AND MULCH.
4. INSTALL SILT FENCE AS INDICATED ON THE PLANS.
5. STRIP AND STOCKPILE TOPSOIL TO THE LIMITS SHOWN ON THE PLAN FOR FUTURE USE. SEED AND MULCH STOCKPILED TOPSOIL.
6. INSTALL TEMPORARY SEDIMENT TRAP IN BIO-RETENTION AREA.
7. BEGIN EARTHWORK OPERATIONS IN PAVEMENT AREA #1. ROUGH GRADE, FINE GRADE AND INSTALL ASPHALT PAVEMENT SECTION IN PAVEMENT AREA #1 PRIOR TO ANY FURTHER LAND DISTURBANCE.
8. ONCE PAVEMENT AREA #1 IS STABILIZED, EARTHWORK OPERATIONS MAY BEGIN IN PAVEMENT AREA #2.
9. ONCE ALL NEW PAVEMENT AREAS ARE STABILIZED, WORK ON THE BIO-RETENTION AREAS MAY BEGIN.
10. COMPLETE INSTALLATION OF BIO-RETENTION AREAS.
11. UPON FINAL FINE GRADING OF ALL GRASS SURFACES, TOPSOIL, SEED AND MULCH ALL DISTURBED GRASS AREAS.
12. AFTER CONSTRUCTION IS COMPLETE AND ALL UPSTREAM TRIBUTARY DISTURBED AREAS ARE STABILIZED REMOVE TEMPORARY EROSION CONTROL MEASURES.

GENERAL NOTES

1. MAINTENANCE AND PROTECTION OF TRAFFIC ALONG WITH SECURING THE WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREAS OF CONSTRUCTION.
3. THESE DRAWINGS ARE BASED ON A SURVEY PREPARED BY LEHR LAND SURVEYORS, LIVERPOOL, NEW YORK DATED AUGUST 29, 2007.
4. CAUTION - NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL DIG SAFELY NEW YORK 1-800-962-7962 AND THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
5. ALL LAND GRADING AND GROUND DISTURBANCE RELATED TO THE WORK OF THIS PROJECT SHALL BE IN ACCORDANCE WITH THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001 REQUIREMENTS.
6. ALL PROPOSED ELEVATIONS SHOWN HEREON ARE FINISHED GRADE ELEVATIONS.
7. ALL DISTURBED AND CONSTRUCTED SLOPE AREAS ARE TO BE SEEDED IMMEDIATELY AFTER CONSTRUCTION HAS BEEN COMPLETED.
8. INSTALL SEDIMENT EROSION CONTROL DEVICES PRIOR TO START OF GRADING OPERATIONS AND AS NEEDED DURING CONSTRUCTION.
9. ALL CURB INLETS, FIELD INLETS, END SECTIONS AND OTHER SIMILAR DRAINAGE INLET STRUCTURES SHALL BE PROTECTED FROM SILTATION BY STAKED BALES AND FILTER FABRIC OR OTHER APPROVED EROSION CONTROL MEASURES.
10. CONSTRUCT TEMPORARY DIVERSION SWALES WHERE NECESSARY TO INSURE WORK AREAS WILL REMAIN STABLE DURING CONSTRUCTION.
11. EROSION CONTROL DEVICES TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL DEVICES TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUNDCOVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED.
12. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.

NOTE TO CONTRACTOR:
OWNER WILL BE RESPONSIBLE FOR PROVIDING A QUALIFIED PROFESSIONAL AS DESCRIBED IN SPDES GENERAL PERMIT GP-0-20-001 TO CONDUCT THE REQUIRED SITE ASSESSMENTS AND SITE INSPECTIONS AS REQUIRED IN SPDES GENERAL PERMIT GP-0-20-001.

50' 0' 50' 100'
SCALE

MILLER ENGINEERS

STATE OF NEW YORK
DOUGLAS A. MILLER
075715
LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE & LOCATION:
DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069
2023 PAVEMENT EXPANSION

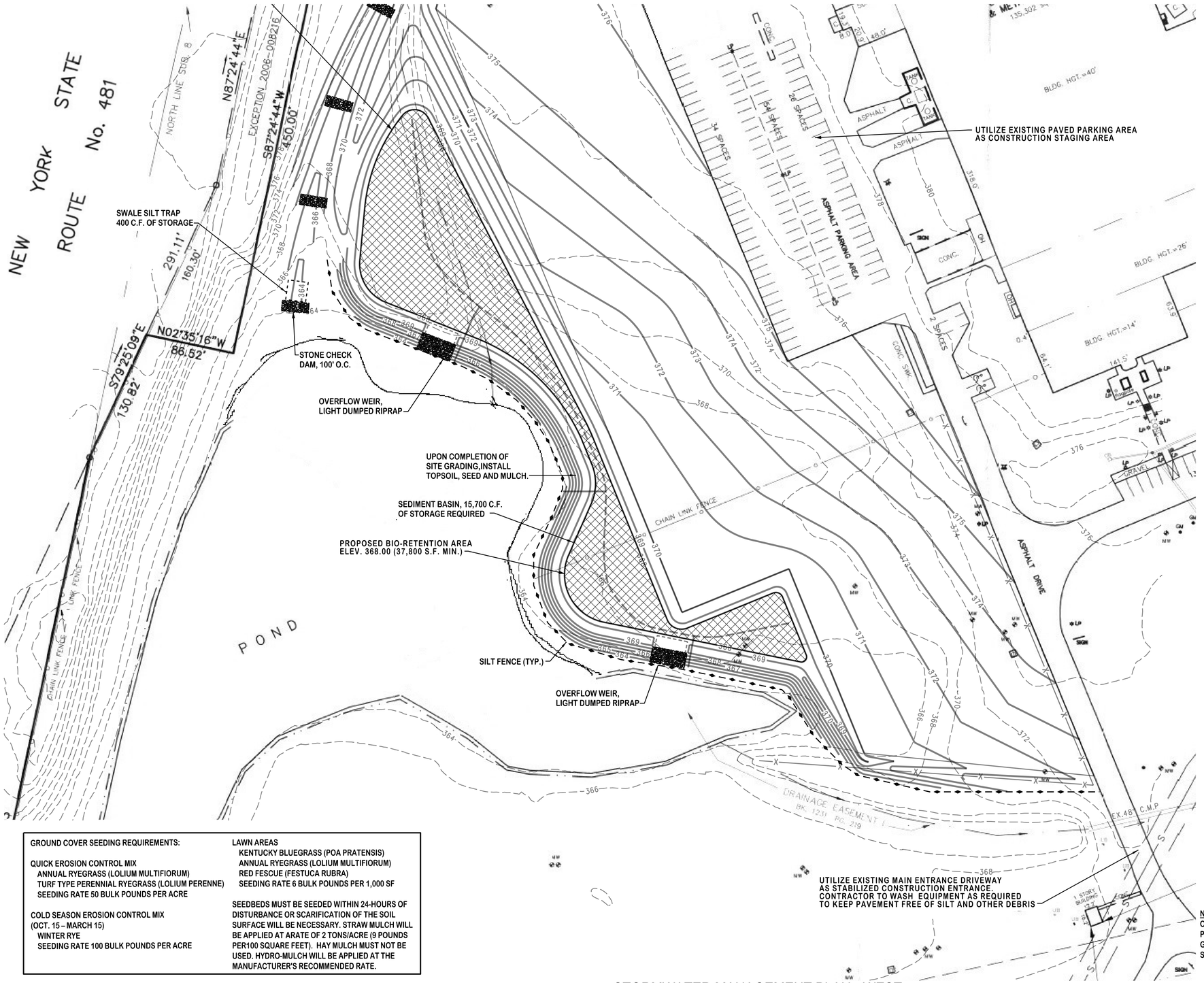
DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

REVISIONS	

DRAWING TITLE
STORMWATER MANAGEMENT PLAN EAST

DRAWING NUMBER
SMP-1

FOR CONTINUATION SEE DRAWING SMP-1



STORMWATER MANAGEMENT PLAN - WEST

SCALE: 1"=50'

GROUND COVER SEEDING REQUIREMENTS:

QUICK EROSION CONTROL MIX
- ANNUAL RYEGRASS (LOLIUM MULTIFIORUM)
- TURF TYPE PERENNIAL RYEGRASS (LOLIUM PERENNE)
- SEEDING RATE 50 BULK POUNDS PER ACRE

COLD SEASON EROSION CONTROL MIX
(OCT. 15 – MARCH 15)
- WINTER RYE
- SEEDING RATE 100 BULK POUNDS PER ACRE

LAWN AREAS
- KENTUCKY BLUEGRASS (POA PRATENSIS)
- ANNUAL RYEGRASS (LOLIUM MULTIFIORUM)
- RED FESCUE (FESTUCA RUBRA)
- SEEDING RATE 6 BULK POUNDS PER 1,000 SF

SEEDBEDS MUST BE SEEDED WITHIN 24-HOURS OF DISTURBANCE OR SCARIFICATION OF THE SOIL SURFACE WILL BE NECESSARY. STRAW MULCH WILL BE APPLIED AT ARATE OF 2 TONS/ACRE (9 POUNDS PER100 SQUARE FEET). HAY MULCH MUST NOT BE USED. HYDRO-MULCH WILL BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE.

CONSTRUCTION SEQUENCE

1. UTILIZE EXISTING MAIN ENTRANCE DRIVEWAY AS STABILIZED CONSTRUCTION ENTRANCE.
2. UTILIZE EXISTING PAVED PARKING AREA AS CONSTRUCTION STAGING AREA.
3. RELOCATE EXISTING DRAINAGE CHANNEL NORTH OF PROPOSED IMPROVEMENTS, INSTALL CHECK DAMS WITHIN DRAINAGE CHANNEL AND STABILIZE CHANNEL WITH TOPSOIL, SEED AND MULCH.
4. INSTALL SILT FENCE AS INDICATED ON THE PLANS.
5. STRIP AND STOCKPILE TOPSOIL TO THE LIMITS SHOWN ON THE PLAN FOR FUTURE USE. SEED AND MULCH STOCKPILED TOPSOIL.
6. INSTALL TEMPORARY SEDIMENT TRAP IN BIO-RETENTION AREA.
7. BEGIN EARTHWORK OPERATIONS IN PAVEMENT AREA #1. ROUGH GRADE, FINE GRADE AND INSTALL ASPHALT PAVEMENT SECTION IN PAVEMENT AREA #1 PRIOR TO ANY FURTHER LAND DISTURBANCE.
8. ONCE PAVEMENT AREA #1 IS STABILIZED, EARTHWORK OPERATIONS MAY BEGIN IN PAVEMENT AREA #2.
9. ONCE ALL NEW PAVEMENT AREAS ARE STABILIZED, WORK ON THE BIO-RETENTION AREAS MAY BEGIN.
10. COMPLETE INSTALLATION OF BIO-RETENTION AREAS.
11. UPON FINAL FINE GRADING OF ALL GRASS SURFACES, TOPSOIL, SEED AND MULCH ALL DISTURBED GRASS AREAS.
12. AFTER CONSTRUCTION IS COMPLETE AND ALL UPSTREAM TRIBUTARY DISTURBED AREAS ARE STABILIZED REMOVE TEMPORARY EROSION CONTROL MEASURES.

GENERAL NOTES

1. MAINTENANCE AND PROTECTION OF TRAFFIC ALONG WITH SECURING THE WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREAS OF CONSTRUCTION.
3. THESE DRAWINGS ARE BASED ON A SURVEY PREPARED BY LEHR LAND SURVEYORS, LIVERPOOL, NEW YORK DATED AUGUST 29, 2007.
4. CAUTION - NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL DIG SAFELY NEW YORK 1-800-962-7962 AND THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
5. ALL LAND GRADING AND GROUND DISTURBANCE RELATED TO THE WORK OF THIS PROJECT SHALL BE IN ACCORDANCE WITH THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001 REQUIREMENTS.
6. ALL PROPOSED ELEVATIONS SHOWN HEREON ARE FINISHED GRADE ELEVATIONS.
7. ALL DISTURBED AND CONSTRUCTED SLOPE AREAS ARE TO BE SEEDED IMMEDIATELY AFTER CONSTRUCTION HAS BEEN COMPLETED.
8. INSTALL SEDIMENT EROSION CONTROL DEVICES PRIOR TO START OF GRADING OPERATIONS AND AS NEEDED DURING CONSTRUCTION.
9. ALL CURB INLETS, FIELD INLETS, END SECTIONS AND OTHER SIMILAR DRAINAGE INLET STRUCTURES SHALL BE PROTECTED FROM SILTATION BY STAKED BALES AND FILTER FABRIC OR OTHER APPROVED EROSION CONTROL MEASURES.
10. CONSTRUCT TEMPORARY DIVERSION SWALES WHERE NECESSARY TO INSURE WORK AREAS WILL REMAIN STABLE DURING CONSTRUCTION.
11. EROSION CONTROL DEVICES TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL DEVICES TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUNDCOVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED.
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MILLER ENGINEERS

STATE OF NEW YORK
DOUGLAS A. MILLER
071575
LICENSED PROFESSIONAL ENGINEER

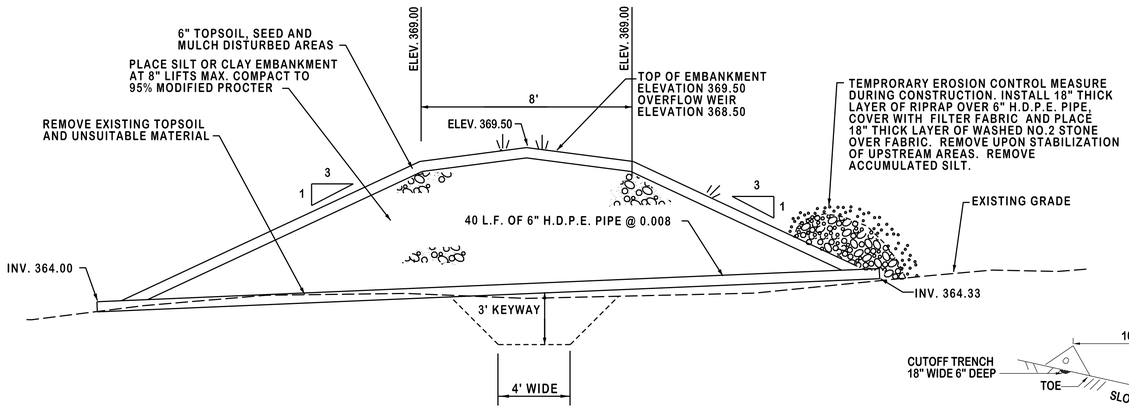
PROJECT TITLE & LOCATION:
DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069
2023 PAVEMENT EXPANSION

DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

REVISIONS	

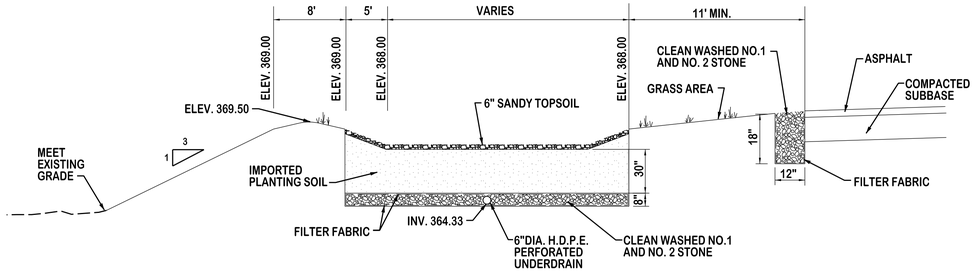
DRAWING TITLE
STORMWATER MANAGEMENT PLAN WEST

DRAWING NUMBER
SMP-2



SEDIMENT BASIN EMBANKMENT TYPICAL SECTION

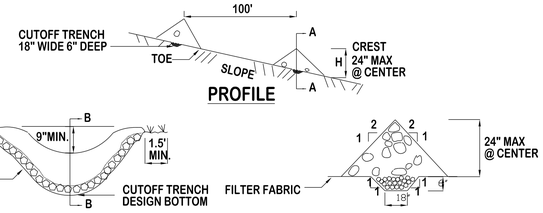
NOT TO SCALE



IMPORTED PLANTING SOIL REQUIREMENTS
SOIL CLASSIFICATION = SM OR ML
PH = 5.2-7.0
ORGANIC MATTER = 1.5% TO 4.0%
CLAY 10% TO 25%
SILT 30% TO 55%
SAND 30% TO 60%

BIORETENTION AREA TYPICAL SECTION

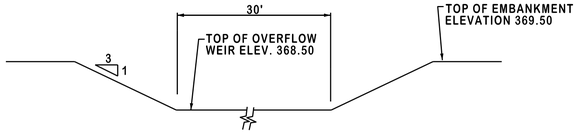
NOT TO SCALE



PROFILE

SECTION A-A

SECTION B-B



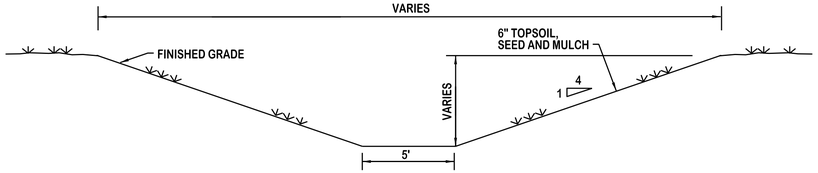
OVERFLOW WEIR PROFILE ALONG EMBANKMENT

CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES,
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW

CHECK DAM

NOT TO SCALE



DRAINAGE CHANNEL TYPCIAL SECTION

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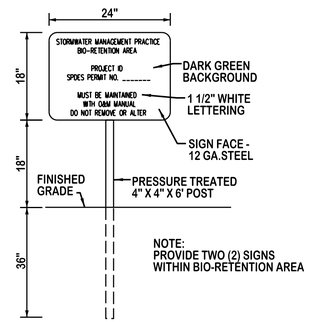
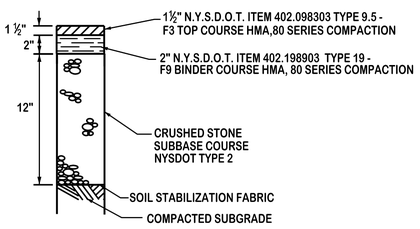


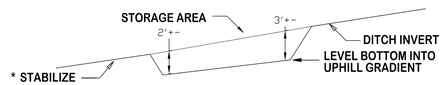
TYPE "A" SIGN

NOT TO SCALE

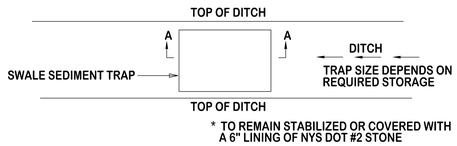


ASPHALT PAVEMENT SECTION

NOT TO SCALE



SECTION A-A



PLAN

CONSTRUCTION SPECIFICATIONS

1. THE SWALE SEDIMENT TRAP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DIMENSIONS PROVIDED ON THE DESIGN DRAWINGS OR SIZED TO PROVIDE THE MINIMUM STORAGE NECESSARY 1800 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA.
2. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
5. THE SEDIMENT TRAP SHALL BE REMOVED AND AREA STABILIZED WHEN THE CONTRIBUTORY DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
6. THE SWALE SEDIMENT TRAP WILL BE PROPERLY BACKFILLED AND THE SWALE OR DITCH RECONSTRUCTED.

MAXIMUM DRAINAGE AREA: 2 ACRES

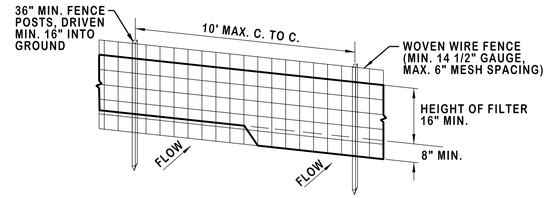
SWALE SILT TRAP DETAIL

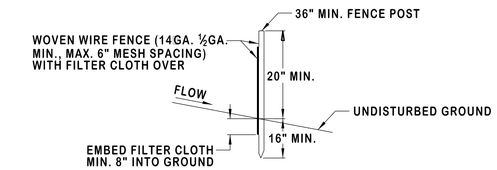
NOT TO SCALE

DETAILS

NOT TO SCALE

PERSPECTIVE VIEW





SECTION

CONSTRUCTION NOTES FOR FABRICATED FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE WITH WIRE TIES OR STAPLES
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE

POSTS: STEEL EITHER T OR U TYPE 2" HARDWOOD
FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING FILTER
CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

SILT FENCE DETAIL

NOT TO SCALE

MILLER ENGINEERS

PROJECT TITLE & LOCATION:

DEER RUN BUSINESS PARK
1902 COUNTY ROUTE 57 FULTON, NY 13069

2023 PAVEMENT EXPANSION

DRAWING INFORMATION	
Scale	AS SHOWN
Drawn	T.P.
Checked	D.A.M.
Date	12/16/22
Job No.	######

REVISIONS	

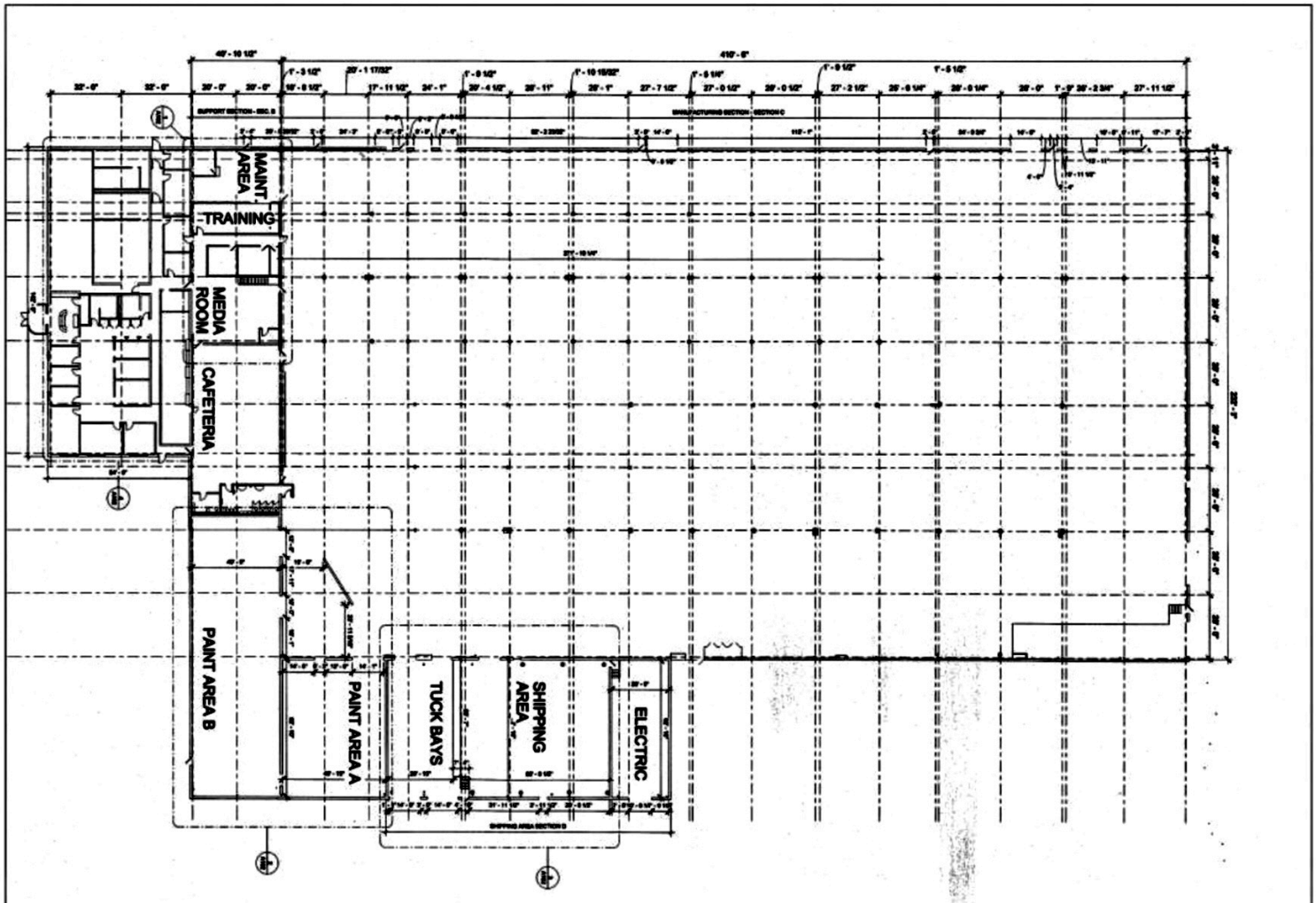
DRAWING TITLE

DETAILS

DRAWING NUMBER

DE-1

FLOOR PLAN


MAINT. AREA
TRAINING
MEDIA ROOM
CAFETERIA
PAINT AREA B
PAINT AREA A
TUCK BAYS
SHIPPING AREA
ELECTRIC

CRYSTEEL MANUFACTURING, INC.

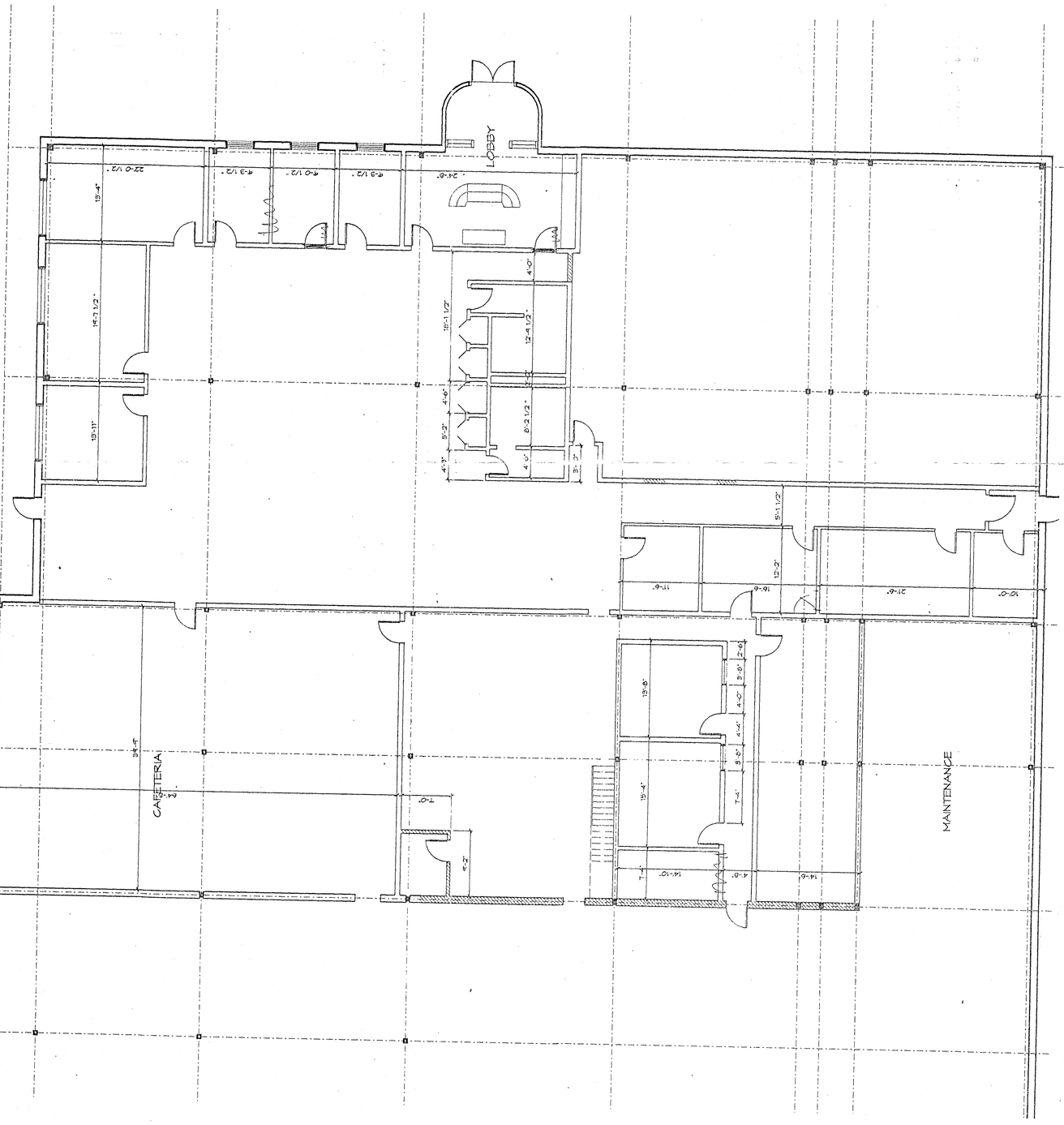
JCM ARCHITECTURAL ASSOCIATES
300 Howley Avenue, Syracuse, NY 13203
315.424.0141 Fax: 478.1053
E-Mail: JCM300@AOL.COM

NORTH

No.	REVISIONS	DATE

DATE APR 22, 1998
SCALE AS NOTED
DRAWN BY JJL
JOB No. 98-012
DRAWING DESCRIPTION PARTIAL FLOOR PLAN
SHEET NUMBER A-1

1 / 8" = 1'-0"



51 A-1 PARTIAL FLOOR PLAN

Annual Groundwater Monitoring Report Year 26 (May 2022- April 2023)

Miller Brewing Groundwater Recovery and Treatment System
NYSDEC Site # 7-38-029
Former Miller Container Site
Volney, New York

Submitted To:
New York State Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204

Prepared by:
Operations & Maintenance Inc.
1850 Route 57
Fulton, New York 13069

July 2023

Table of Contents

INTRODUCTION

Operations & Maintenance, Inc. (OMI) has prepared this Annual Groundwater Monitoring Report (AGWMR) on behalf of Miller Brewing Company (Remedial Party – RP) for submission to the New York State Department of Environmental Conservation (NYSDEC) for the Former Miller Container site (NYSDEC Site #7-38-029) located in Volney, NY. It reflects the progress made toward achieving the Remediation Goals identified at 6.0 of the Record of Decision (ROD) (dated March 1995) that was issued by NYSDEC for this Site and the associated Standards, Criteria, and Guidance (SCGs).

This report covers the period from April 30, 2022, to April 30, 2023 inclusive (operating year) and is organized in general accordance with the NYSDEC approved outline. This report is being submitted in conjunction with the completed "*Site Management Periodic Review Report Notice - Institutional and Engineering Controls Certification Form*" and the combined documents fulfill the requirements of the approved Site Management Plan (December 2016) for submittal of an annual Periodic Review Report (PRR).

The responsibilities for implementing the SMP are divided between the Site Owner and the RP, because the RP has no control over the Site Owner's activities on the Site. Therefore, as the RP, Miller Brewing Company is responsible for the three Engineering Controls (ECs) that are identified in the SMP (i.e., the Groundwater Extraction System, Groundwater Treatment Facility and Soil Vapor Extraction System). A detailed discussion of the RP responsibilities is included in Section 6.2 of the SMP. The Site Owner, currently MLT Leasing LLC, is responsible for the Institutional Controls (ICs). The ICs are defined in Section 2.3 of the approved SMP and in the Declaration of Covenants and Restrictions recorded June 26, 2015 in the Oswego County Clerk's office.

This report is focused on the reporting of all relevant operations, monitoring and data reporting associated with the ECs to assess and support the certification that they are functioning correctly and continue to address the Remediation Goals for the Site.

OVERALL SITE PROGRESS

Monitoring well and recovery well sampling demonstrates that the contaminant plume on the Former Miller Container site continues to shrink. The contaminant levels reported in the outlying monitoring wells continue to trend downward. The VOC levels reported from the sampling of the source recovery wells also continue to decline.

Since November of 2013, the City of Fulton Water Treatment Facility has been mothballed because its operation was no longer necessary due to the drop of contaminant levels in municipal production well, M-2A. The RP is not required to conduct sampling of M-2A. Currently, water is being pumped from M-2A to the Oswego River in accordance with a NYSDEC Consent Order with Riccelli Fulton, LLC.

The Soil Vapor Extraction system continues to accelerate site remediation by providing mass removal in conjunction with the groundwater recovery system. The SVE system is also providing additional protection against Soil Vapor Intrusion into the on-site structure.

Progress made toward achieving the Remediation Goals identified in the ROD for this Site is discussed under the Conclusions section of this report.

REMEDIAL TREATMENT SYSTEM OPERATION

GROUNDWATER RECOVERY SYSTEM

The current groundwater recovery system consists of nine (9) groundwater Recovery Wells (RWs). The nine Recovery Wells were in operation for the entire reporting period with minor exceptions when the system was off for maintenance or offline due to equipment malfunction.

The following table summarizes the flow rates for the nine Recovery Wells for the 2022-2023 operating year.

April 28, 2022 - April 28, 2023

Well	Total (gallons)	GPD	GPM
RW-2	1855008	5082	3.53
RW-3	99619	273	0.19
RW-4	253926	696	0.48
RW-5R	828670	2270	1.58
RW-8	345395	946	0.66
RW-9	60978	167	0.12
RW-11	399707	1095	0.76
RW-12	1346764	3690	2.56
RW-13	184803	506	0.35
Totals	**5,374,870**	**14,726**	**10.2**

Based on the individual recovery well totalizers, a total of 5,374,870 gallons of groundwater were recovered during the reporting period at an average flow rate of 10.2 gallons per minute to the treatment system. The production rates are constantly monitored throughout the year and adjustments are made to improve the rates from individual wells.

The flow to the Air Stripper Treatment (AST) system is also monitored using an electromechanical flow meter. This meter indicated a total of 6,541,238 gallons of water were treated at the Groundwater Treatment Facility (GWTF). The readings from the AST influent flow meter are assumed to be more representative of the actual flow that passes through the treatment system. The daily totalizer readings from the AST flow meter are presented in Appendix A.

RECOVERY SYSTEM MONITORING RESULTS

The operating recovery wells were sampled four times (quarterly) during the reporting period. Samples were collected from the in-line taps and submitted for laboratory analysis. The results were reported to NYSDEC in the quarterly monitoring reports.

The following table summarizes the laboratory analytical results for the RW samples collected during the monitoring events this reporting period. The summary table includes all results for any compound reported at or above the Method Detection Limit (MDL) in any sample. All concentrations are presented in μg/l:

RECOVERY WELLS - USEPA Method 8260c

WELL	Date	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
RW-2	13-Jul-22	**13**	**14**	**58**	**160**	**12**	**32**	**5.0**
	17-Oct-22	**10.0**	**16**	**46**	**190**	**12**	**22**	**5.5**
	11-Jan-23	**11**	**16**	**38**	**210**	**13**	**25**	4.1
	11-Apr-23	**5.7**	**9.8**	**24**	**130**	**8.3**	**21**	<5
RW-3	13-Jul-22	0.74	1.3	**7.0**	**85**	3.4	**9.0**	<0.5
	17-Oct-22	0.55	0.88	**5.6**	**66**	2.6	**6.3**	<0.5
	11-Jan-23	<1	<1	4.8	**50**	2.7	**7.4**	<0.5
	11-Apr-23	<1	<1	4.2	**50**	2.1	**6.3**	<1
RW-4	13-Jul-22	3.2	3.9	**39**	**120**	**12**	**14**	**3.5**
	17-Oct-22	<5	<5	**29**	**95**	**8.9**	**9.0**	<5
	11-Jan-23	2.6	2.7	**25**	**94**	**9.1**	**9.3**	1.5
	11-Apr-23	2.7	3.4	**31**	**120**	**12**	**11**	1.7
RW-5R	13-Jul-22	1.6	1.8	**11**	**93**	1.8	**5.1**	<0.5
	17-Oct-22	1.2	1.00	**11**	**66**	1.4	3.9	<0.5
	1-Jan-23	1.4	1.3	**11**	**63**	1.6	4.5	<0.5
	11-Apr-23	1.3	1.3	**11**	**70**	1.6	4.5	<1
RW-8	13-Jul-22	2.7	1.2	**7.6**	4.0	1.6	0.93	0.97
	17-Oct-22	2.2	1.1	**6.4**	3.4	1.5	0.72	0.79
	11-Jan-23	2.9	3.1	**9.2**	3.2	3.2	0.80	<0.5
	11-Apr-23	1.5	1.3	2.7	1.8	1.6	<1	<1
RW-9	13-Jul-22	**21**	**8.6**	**160**	**16**	3.3	**36**	3.2
	17-Oct-22	**17**	**7.1**	**190**	**11**	<5	**25**	**5.5**
	11-Jan-23	**17**	**5.8**	**140**	**12**	2.6	**25**	3.0
	11-Apr-23	**15**	**6.2**	**200**	**9.2**	3.2	**24**	9.0
RW-11	13-Jul-22	<0.5	<0.5	1.20	1.7	<0.5	<0.5	<0.5
	17-Oct-22	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<0.5
	11-Jan-23	<0.5	1.30	1.00	3.1	<0.5	<0.5	<0.5
	11-Apr-23	<1	<1	<1	1.8	<1	<1	<1
RW-12	13-Jul-22	0.88	0.65	1.1	2.3	0.60	<0.5	<0.5
	17-Oct-22	0.73	0.54	<0.5	2.1	2.0	<0.5	<0.5
	11-Jan-23	<1	<1	<0.5	1.8	<1	<1	<1
	11-Apr-23	<1	<1	<1	2.5	<1	<1	<1
RW-13	13-Jul-22	**5.5**	**6.3**	**5.2**	0.67	1.00	4.7	<0.5
	17-Oct-22	**5.0**	**5.1**	**6.2**	2.0	0.96	3.2	<0.5
	11-Jan-23	1.9	1.7	1.4	1.3	<1	1.7	<0.5
	11-Apr-23	3.1	3.8	2.2	1.5	<1	2.9	<1

An estimate of the mass-removal of site related contaminants of concern was calculated for the reporting period by multiplying the total gallons recovered from each well by the average concentration of each compound reported. Based on the calculation method, a total of 2.562 kg (5.65 lbs) of contaminants were removed from the groundwater recovered from the RWs. The following table summarizes the calculations. The readings are presented in grams:

WELL	Flow in Liters	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride	Total VOC
RW-2	7021947	70	98	291	1211	80	176	34	1960
RW-3	377098	0.24	0.41	2.0	24	1.0	2.7	0.09	30
RW-4	961211	2.7	3.2	30	103	10.1	10.4	2.1	161
RW-5R	3136847	4.3	4.2	35	229	5.0	14	0.0	291
RW-8	1307458	3.0	2.2	8.5	4.1	2.6	1.1	1.2	23
RW-9	230826	4.0	1.6	39.8	2.8	0.70	6.3	1.2	56
RW-11	1513051	0.0	0.0	0.4	3.0	0.0	0.0	0.0	3.4
RW-12	5098040	4.1	3.0	0.0	11.1	6.6	0.0	0.0	24.8
RW-13	699553	2.7	3.0	2.6	1.0	0.7	2.2	0.2	12
Totals	20346033	91	116	409	1589	106	212	39	2562

The table below represents the calculated mass removal since the startup of the GWTF (1997). Using these figures, an estimated 689 pounds of contaminants have been removed using the groundwater recovery well network.

Calculated Mass Removal (pounds)

Year	Calculated Mass	Year	Calculated Mass
1997-1998	180	2010-2011	16.8
1998-1999	100	2011-2012	30.8
1999-2000	50	2012-2013	24.6
2000-2001	35	2013-2014	16.5
2001-2002	47	2014-2015	17.3
2002-2003	37.4	2015-2016	8.9
2003-2004	27.9	2016-2017	7.6
2004-2005	32.4	2017-2018	6.1
2005-2006	10.4	2018-2019	4.6
2006-2007	3.7	2019-2020	5.6
2007-2008	3.5	2020-2021	6.0
2008-2009	6.8	2021-2022	3.7
2009-2010	7.9	2022-2023	5.7
		Total	696.3

GROUNDWATER TREATMENT SYSTEM

The groundwater treatment system processes the combined influent of the Recovery Wells through the air stripper prior to discharge. The system was in continuous operation throughout the reporting period except for brief periods of system maintenance. Based on the in-line flow meter, a total of 6,541,238 gallons of recovered groundwater were discharged after treatment. The flow rate through the facility varies slightly throughout the year from seasonal fluctuation in production.

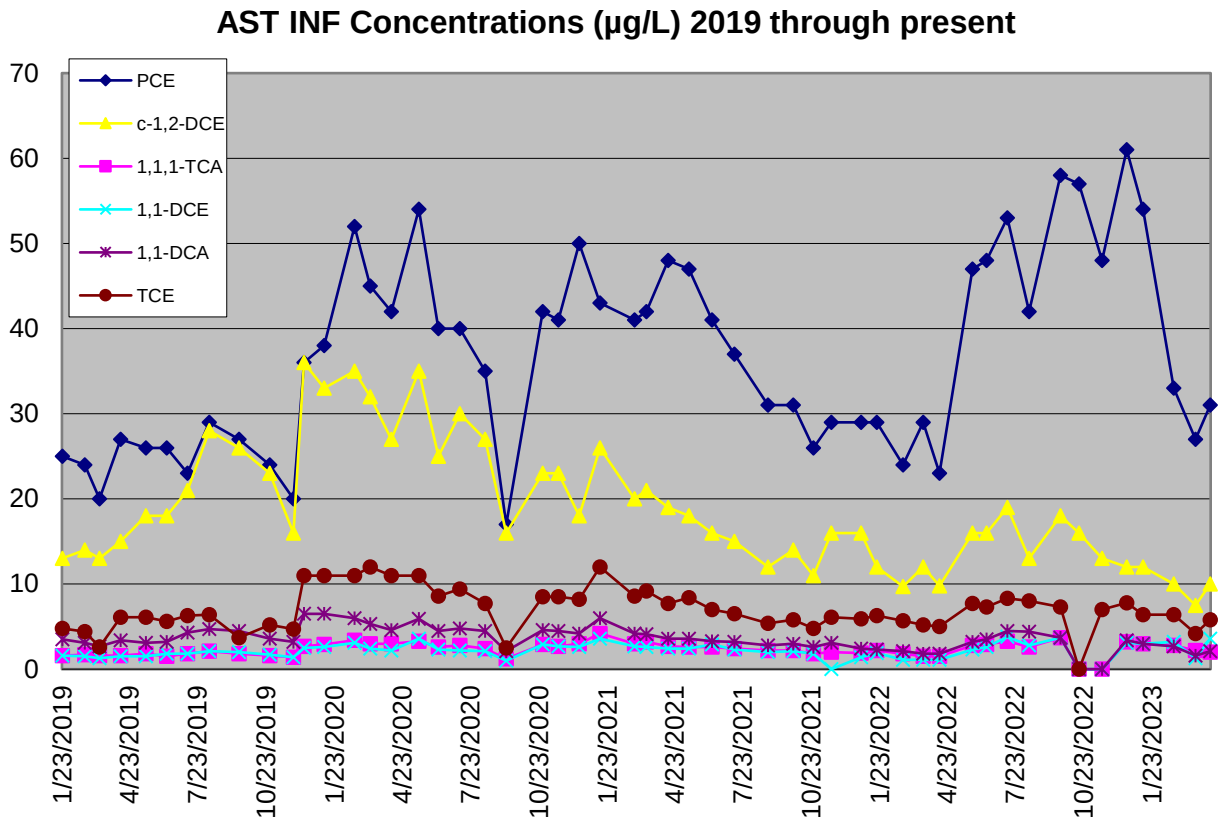
Influent and effluent samples from the Groundwater Treatment Facility (GWTF) are collected from the in-line sampling ports on a monthly basis and analyzed in accordance with the approved SMP. The influent sample is referred to as "AST INF" and the effluent is referred to as the "Final EFF." The results are reported to NYSDEC quarterly.

Individual VOCs were reported in the AST INF samples at concentrations in excess of the MDL. The highest reported concentrations were PCE ranging from 27μg/l to 61μg/l and its daughter product, cis-1,2-DCE from 7.5μg/l to 19μg/l. Graphical analysis from March 2019 through April 2023 of the data indicates that the concentrations of individual and total VOCs continue to demonstrate variability over time with an overall declining trend.

The following table summarizes the AST INF sampling results for this reporting period. The line graph that follows the table represents the past five years of AST INF analytical data. All concentrations are presented in μg/l.

AST INFLUENT SAMPLE RESULTS SUMMARY (μg/l)

DATE	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	VC	**TOTAL**
27-May-22	3.2	2.3	**16**	**47**	2.8	**7.7**	<0.5	79.0
15-Jun-22	3.5	2.6	**16**	**48**	2.9	**7.3**	0.5	80.8
13-Jul-22	4.5	3.8	**19**	**53**	3.3	**8.3**	1.2	93.1
11-Aug-22	4.4	2.8	**13**	**42**	2.6	**8.0**	<0.5	72.8
22-Sep-22	3.7	3.7	**18**	**58**	3.7	**7.3**	<0.5	94.4
17-Oct-22	<10	<10	**16**	**57**	<10	<10	<10	73.0
17-Nov-22	<5	<5	**13**	**48**	<5	**7.0**	<5	68.0
20-Dec-22	3.4	3.1	**12**	**61**	3.2	**7.8**	<0.5	90.5
11-Jan-23	3.0	3.0	**12**	**54**	3.0	**6.4**	<1	81.4
21-Feb-23	2.7	3.2	**10.0**	**33**	2.8	**6.4**	<1	58.1
22-Mar-23	1.6	1.3	**7.5**	**27**	2.2	4.2	<1	43.8
11-Apr-23	2.1	3.6	**10.0**	**31**	2.0	**5.8**	<2	46.8


AST INF Concentrations (µg/L) 2019 through present
PCE
c-1,2-DCE
1,1,1-TCA
1,1-DCE
1,1-DCA
TCE
70
60
50
40
30
20
10
0
1/23/2019
4/23/2019
7/23/2019
10/23/2019
1/23/2020
4/23/2020
7/23/2020
10/23/2020
1/23/2021
4/23/2021
7/23/2021
10/23/2021
1/23/2022
4/23/2022
7/23/2022
10/23/2022
1/23/2023

The treatment system continues to perform as intended. The VOCs in the recovered groundwater are removed by the air stripper prior to discharge. To date, there has been no reported concentration of any compound in excess of the discharge limits (see Appendix W of the SMP), for the Final EFF sample**.** The Air Stripper Treatment (AST) system continues to reduce the contaminant load to below the MDL of 1.0 μg/l from the recovered groundwater.

An additional requirement to monitor for Total Dissolved Solids (TDS) was placed on the Final EFF sample as part of the renewal of the substantive requirements of the SPDES program. Although listed as a limit on the substantive requirements, the requirement for TDS is one of monitor and report only. The GWTF does not have the ability to remove TDS from the recovered groundwater. The TDS, in mg/l, is reported to NYSDEC quarterly. For the 2022-2023 reporting period, the TDS levels ranged from 1300 mg/l to 1700 mg/l as seen in the following table.

DATE	2022-2023 TDS mg/l	2021-2022 TDS mg/l	2020-2021 TDS mg/l	2019-2020 TDS mg/l	2018-2019 TDS mg/l
June	1500	1800	2000	1200	2000
July	1600	1800	2000	1300	1900
August	1700	1500	2000	2000	2000
September	1500	1800	1700	2100	2100
October	1600	1500	2000	1700	1800
November	1400	1700	1900	1200	1400
December	1400	1700	2000	2100	1700
January	1500	1500	1900	2100	1700
February	1700	1200	1900	2000	1500
March	1300	1200	1800	1800	1400
April	1400	1400	1800	2300	1500
May		1300	1800	2000	1300

REMEDIAL SYSTEM PERFORMANCE

The following table represents the annual average pumping rate, in gallons per minute, for each of the recovery wells. Production rates fluctuated slightly from previous reporting periods. The production from RW-5R is restricted to prevent impeller wear from excessive silt in the recovered groundwater. All well pumps are on a preventative maintenance schedule to maintain optimal production rate. The frequency of the maintenance schedule varies between wells and may be adjusted based on flow rate monitoring.

Average Annual Flow Rate (GPM)

Well	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
RW-2	1.45	2.24	3.51	2.74	3.53
RW-3	0.24	0.25	0.16	0.18	0.19
RW-4	0.45	0.43	0.57	0.57	0.48
RW-5R	2.30	2.36	1.57	1.47	1.58
RW-8	3.15	2.46	1.64	1.99	0.66
RW-9	0.10	0.13	0.10	0.14	0.12
RW-11	1.03	0.93	0.85	0.53	0.76
RW-12	2.35	2.52	2.30	2.29	2.56
RW-13	1.04	0.73	0.66	0.58	0.35
System Flow Average	12.11	12.05	11.36	10.49	10.23

CITY OF FULTON WATER TREATMENT FACILITY (WTF)

The City of Fulton WTF remained off throughout the reporting period. As noted in the previous annual reports, the treatment system was shut-down May 20, 2012. At the time of shut-down, the water from M-2A was directed to the Oswego River under a SPDES permit obtained by Riccelli Fulton, LLC. The City was given approval to use the water from K-1 without treatment on December 13, 2012.

The water from M-2A continued to be discharged directly to the Oswego River throughout this entire reporting period due to elevated chloride levels.

GROUNDWATER MONITORING RESULTS

Annual sampling of select groundwater monitoring wells, known as the Early Warning Network (EWN), and quarterly sampling of the active recovery wells is performed to evaluate the effectiveness of the groundwater recovery system.

For evaluation of the groundwater recovery system, the EWN and active RW wells are divided into six functional groups. They are the; Northern Operable Unit Source (NOU-S) and Plume (NOU-P) areas, the Southern Operable Unit Source (SOU-S) and Plume (SOU-P) areas, the Taylor Property (TP), and Municipal Well Field (MWF).

The following table lists the wells and their sampling frequency (ƒ), either annually (A) or quarterly (Q) in their functional monitoring groups.

FUNCTIONAL MONITORING GROUPS											
Northern Operable Unit				Southern Operable Unit				Taylor Property		Municipal Wells	
Source Area		Plume Area		Source Area		Plume Area					
Well	ƒ	Well	ƒ	Well	ƒ	Well	ƒ	Well	ƒ	Well	ƒ
MW-2S	A	MW-8I	A	MW-36S	A	MW-37I	A	MW-14D	A	MW-28S	A
MW-3D	A	MW-8D	A			MW-54I	A	MW-21S	A	MW-28I	A
MW-16D	A	MW-13D	A			RW-8	Q	MW-32D	A		
MW-38S	A	MW-17D	A			RW-9	Q	MW-33S	A		
RW-2	Q	MW-51D	A					MW-34D	A		
RW-3	Q	MW-56D	A					MW-35D	A		
RW-4	Q	MW-61D	A					RW-11	Q		
RW-5R	Q	RW-13	Q					RW-12	Q		

The laboratory analytical results for the sampling of the RWs were reported in previous sections. The results for the functional monitoring groups are reported below. Figure 2 has been included as a reference to the location of the functional monitoring well groups. The Taylor Property has been included in the NOU-P area. The NOU-S area is shown in orange and the NOU-P is yellow. The SOU-S is pink, and SOU-P is a lighter shade of pink. The Municipal Well Field is shaded green. Figure 1 depicts the location of monitoring and recovery wells referenced in this report with the exception of the replacement well RW-5R. Figure 3 depicts the location of replacement RW-5R.

NORTHERN OPERABLE UNIT

NOU-Source Area

Four groundwater monitoring wells (MW-2S, MW-3D, MW-16D and MW-38S) are sampled annually and, three recovery wells (RW-3, RW-4, and RW-5R) are sampled quarterly to monitor and evaluate water quality in the NOU-Source area. The analytical data from the April 2020 sampling through the April 2023 sampling is summarized in the table below for trend assessment. All concentrations are presented in μg/l:

MW-2S	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride	TOTAL VOCs
15-Apr-20	<5	<5	**500**	**39**	<5	**5.2**	**6.5**	551
13-Apr-21	<5	<5	**190**	**38**	<5	<5	<5	228
13-Apr-22	<5	<5	**200**	**26**	<5	<5	<5	226
11-Apr-23	<5	<5	**450**	**29**	<5	<5	<5	479
MW-3D								
15-Apr-20	1.1	2.1	**6.5**	**88**	**6.6**	**8.2**	<1	113
13-Apr-21	<1	<1	2.8	**35**	1.8	3.2	<1	43
13-Apr-22	<1	2.4	4.9	**98**	**6.1**	**12**	<1	123
11-Apr-23	<1	<1	3.4	**56**	2.8	**5.6**	<1	68
MW-16D								
16-Apr-20	**6.9**	**9.0**	**58**	**81**	**24**	**11**	**9.0**	199
22-Oct-20	4.1	**6.5**	**41**	**100**	**18**	**5.4**	4.0	179
13-Apr-21	4.0	**6.7**	**38**	**90**	**19**	**5.4**	4.3	167
13-Apr-22	2.0	**5.7**	**17**	**79**	**13**	3.3	1.5	122
11-Apr-23	<1	<1	1.6	**36**	1.6	<1	<1	39
MW-38S								
16-Apr-20	**150**	**60**	**160**	**120**	**21**	**16**	<2	527
13-Apr-21	**35**	**8.9**	**54**	**55**	**6.7**	**7.8**	<1	167
13-Apr-22	**86**	**34**	**120**	**90**	**14**	**16**	<1	360
11-Apr-23	**160**	**46**	**130**	**81**	**9.9**	**12**	1.6	441

MW-2S MW-3D and MW-16D have shown improvements in the water quality over the past four years. The COCs in these wells clearly demonstrate a declining trend as noted on the line graphs of the past 7-year data set (Appendix C). The VOC concentrations will continue to be monitored in these monitoring wells.

The VOC levels reported for the April 2023 sampling event for MW-38S continue to fluctuate as noted in many of the shallow monitoring well locations throughout history. Contaminant level monitoring will continue to determine any potential for improvement in this area.

NOU-Plume Area

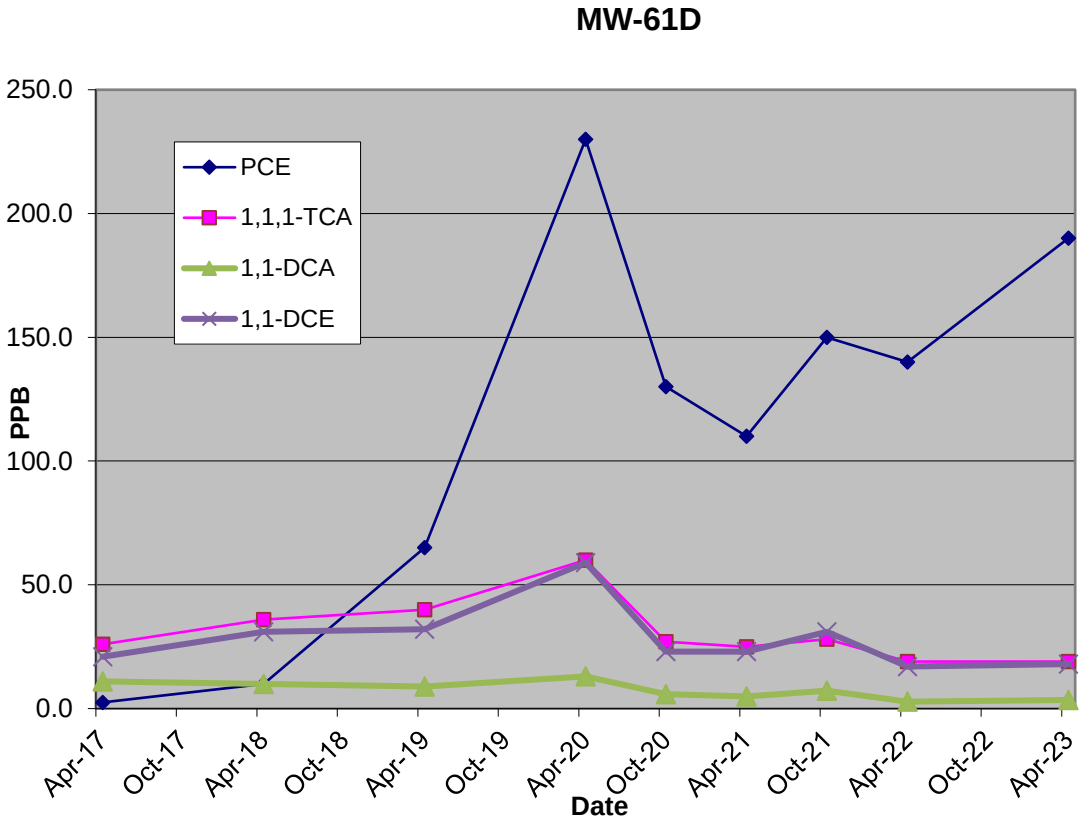
Seven groundwater monitoring wells (MW-8I, MW-8D, MW-13D, MW-17D, MW-51D, MW-56D, and MW-61D) are sampled annually and two recovery wells (RW-13 and RW-2) are sampled quarterly to monitor and evaluate water quality in NOU-P. No site related VOCs were detected at or above the SCG concentration of 5.0 µg/l during the reporting period in the samples collected from MW-8I, MW-13D, MW-51D, or MW-56D.
One or more VOCs were reported in samples collected from MW-8D, MW-17D and MW-61D at concentrations >5.0 µg/l for the April 2022 sampling event. The following table summarizes the results for these wells. All concentrations are presented in µg/l.

MW-8D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	TOTAL
15-Apr-20	**7.6**	**6.8**	**14**	**8.5**	**11**	**8.4**	56
13-Apr-21	**6.0**	4.6	3.6	**13**	**8.5**	**8.2**	44
13-Apr-22	4.5	4.8	1.5	**16**	**6.3**	3.2	36
11-Apr-23	**9.1**	**7.8**	4.8	**16**	**7.4**	**12**	57
MW-17D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	TOTAL
15-Apr-20	**12**	**5.7**	3.2	2.2	**9.6**	<0.5	33
13-Apr-21	**7.8**	3.0	3.6	2.0	**5.0**	0.53	22
13-Apr-22	**11**	**6.7**	**5.4**	2.0	**7.3**	<1	32
11-Apr-23	**9.6**	3.8	**5.2**	1.4	**5.4**	<1	25
MW-61D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	TOTAL
15-Apr-20	**13**	**59**	**41**	**230**	**60**	**6.9**	410
13-Apr-21	4.6	**23**	**16**	**110**	**25**	**5.1**	184
13-Apr-22	2.8	**17**	**11**	**140**	**19**	**5.6**	195
11-Apr-23	3.5	**18**	**10.0**	**190**	**19**	**7.2**	248

The contaminant levels reported for the samples collected from MW-8D and MW-17D are consistent with historical values.

Monitoring wells, MW-8I, MW-13D, MW-51D and MW-56D in NOU-P continue to demonstrate variable concentrations of site related VOCs with slowly declining trends. These trends indicate that the recovery well network in this area is effectively reducing the overall VOC concentrations and, is achieving hydraulic control, preventing downgradient migration of the contaminants of concern.

The following graph depicts VOCs in MW-61D for the past seven years. MW-61D contaminant concentrations increased slightly until 2020 and have generally been decreasing since with the exception of PCE.


MW-61D
250.0
200.0
150.0
100.0
50.0
0.0
PPB
PCE
1,1,1-TCA
1,1-DCA
1,1-DCE
Apr-17
Oct-17
Apr-18
Oct-18
Apr-19
Oct-19
Apr-20
Oct-20
Apr-21
Oct-21
Apr-22
Oct-22
Apr-23
Date

SOUTHERN OPERABLE UNIT

SOU-Source Area

SOU-S is evaluated by the annual sampling of MW-36S. A summary of the analytical results for samples collected from MW-36S is included in the following table. All concentrations are presented in μg/l.

MW-36S	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1 - TCA	TCE	Vinyl Chloride	TOTAL
15-Apr-20	<1	<1	4.4	<1	<1	<1	<1	**4.4**
13-Apr-21	<1	<1	1.8	<1	<1	<1	<1	**1.8**
13-Apr-22	<1	<1	<1	<1	<1	<1	<1	**<1**
11-Apr-23	<1	<1	2.3	<1	<1	<1	<1	**2.3**

SOU-Plume Area

SOU-P is monitored and evaluated by the annual sampling of MW-37I, MW-54I and the quarterly sampling of RW-8 and RW-9. No COCs were reported in the samples collected from MW-54I at concentrations above the MDL of 0.5 μg/l for the past 6 years. VOCs were reported in the annual sample collected from MW-37I at a concentration near the SCG of 5.0 μg/l. The results for MW-37I, RW-8 and RW-9 are summarized in the table below. All concentrations are presented in μg/l.

MW-37I	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride	TOTAL
15-Apr-20	1.2	<0.5	1.6	3.8	<1	<1	<1	6.6
13-Apr-21	<1	<1	1.5	2.8	<1	<1	<1	4.3
13-Apr-22	1.1	<1	3.0	3.3	<1	<1	<1	7.4
11-Apr-23	1.6	<1	**5.5**	2.2	<1	<1	<1	9.3
RW-8	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride	TOTAL
13-Jan-21	2.3	1.2	**10.0**	4.8	1.5	1.3	1.00	22
14-Apr-21	1.2	0.74	4.0	3.4	0.97	0.81	<0.5	11
14-Apr-22	1.8	1.2	**5.5**	2.2	1.1	<1	<1	12
11-Apr-23	1.5	1.3	2.7	1.8	1.6	<1	<1	8.9
RW-9	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride	TOTAL
13-Jan-21	**22**	**9.6**	**240**	**16**	2.7	**28**	**13**	331
14-Apr-21	**22**	**16**	**230**	**28**	3.2	**43**	2.3	345
14-Apr-22	**16**	**8.9**	**150**	**12**	2.1	**25**	2.8	217
11-Apr-23	**15**	**6.2**	**200**	**9.2**	3.2	**24**	**9.0**	267

The analytical data for MW-37I has shown a decreasing trend over the past 7 years as noted on the line graph in Appendix C. The analytical data from the sampling of RW-8 and RW-9 continues to demonstrate declining concentrations of all COCs.

FORMER TAYLOR PROPERTY

The Former Taylor Property Monitoring Well network is assumed to be directly upgradient of the City of Fulton Municipal Well M-2A. Groundwater quality on the Taylor Property is monitored and evaluated by the collection and analysis of groundwater samples from six monitoring wells (MW-14D, MW-21S, MW-32D, MW-33S, MW-34D, and MW-35D) annually, and two recovery wells, RW-11, and RW-12 quarterly. The declining trends noted at these wells in the past Annual Reports continue and indicate that hydraulic control is being maintained in this area and the recovery well network is protective of the municipal well field.

The concentrations reported for all Taylor Property wells, except MW-34D, now meet SCGs for the identified COCs. The VOC concentrations reported in MW-34D increased slightly as noted in the table below and in the graph of analytical data from this well included in Appendix C.

Recovery operations from RW-10 were halted in August 2015 and the pump was allowed to remain off. The downward trends of COC's noted in the surrounding monitoring wells (MW-21S, MW-33S, and MW-34D) have continued with RW-10 off. Line graphs of the analytical data for the past 7 years from these wells are included in Appendix C. The data supports allowing RW-10 to remain off-line since the concentrations in these monitoring wells are consistently below the SCGs and the concentration of PCE in MW-34D is fluctuating around the SCG level. Continued monitoring of these wells on an annual basis will provide sufficient information to determine if resumption of pumping at RW-10 is required.

The results of the sampling of MW-34D are summarized in the following table. All concentrations are presented in μg/l.

MW-34D	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	TOTAL
15-Apr-20	<1	<1	**8.8**	3.0	12
13-Apr-21	<1	<1	**5.3**	1.6	6.9
13-Apr-22	<1	<1	**5.9**	2.3	8.2
11-Apr-23	1.3	1.1	**6.8**	2.9	12

CITY OF FULTON MUNICIPAL WELL FIELD

Early warning detection for the City of Fulton Well field is provided by the annual sampling of monitoring wells MW-28S and MW-28I. MW-28S has not reported any compounds above the MDL of 0.5 μg /l since October 2008 and no compounds were reported above the MDL in MW-28I since April 2017.

SOIL VAPOR EXTRACTION SYSTEM

The SVE system is currently targeting a large area under the former container facility. The operation of the SVE system is described below. The details of the installation can be found in the NYSDEC-approved Soil Vapor Extraction System Construction Completion Report prepared by AECOM (dated August 16, 2012) (Appendix T to the SMP).

The SVE system was in continuous operation this entire reporting period. Certain wells are utilized for extraction based on historical analytical data and physical location. The following table presents the previous cycling operation prior to September 2015. The final column denotes the wells in operation from September 2015 through April 2023.

Dates	01/14/15	03/13/15	04/14/15	06/03/15	07/01/15	08/14/15	09/29/15
Well	03/13/15	04/14/15	06/03/15	07/01/15	08/14/15	09/29/15	04/30/23
DPEN-1	**ON**	off	off	off	off	off	**ON**
DPEN-2	**ON**	off	**ON**	off	**ON**	off	**ON**
DPEN-3	**ON**	off	**ON**	off	**ON**	off	off
DPEN-4	**ON**	off	**ON**	off	**ON**	off	**ON**
DPEN-5	**ON**	off	**ON**	off	**ON**	off	off
SVEN-1	**ON**	off	**ON**	off	off	off	off
SVEN-2	**ON**	off	**ON**	off	**ON**	off	**ON**
SVEN-3	**ON**	off	---	off	off	off	off
SVEN-4	**ON**	off	---	off	off	off	off
SVEN-5	**ON**	off	off	off	off	off	off
SVEN-6	Off	off	off	off	off	off	**ON**
SVEN-7	**ON**	off	off	off	off	off	**ON**
SVEN-8	**ON**	off	**ON**	off	**ON**	off	**ON**
SVEN-9	---	off	---	off	**ON**	off	off
SVEN-10	Off	off	off	off	**ON**	off	**ON**
SVEN-11	Off	off	**ON**	off	**ON**	off	**ON**
DPES-1	**ON**	off	**ON**	off	**ON**	off	off
SVES-1	**ON**	off	**ON**	off	**ON**	off	off

Generally, the system is operated to provide between 3.0” Hg to 5.0” Hg vacuum to all the active recovery points. Operational data is collected from the active recovery points as well as the combined influent to provide flow information for calculating mass removal rates. The analytical data from the sampling of certain recovery points and the operational data collected are reviewed to determine the operating strategy of the SVE system. Tables of the analytical data collected throughout the reporting period and the mass removal calculation tables are included in Appendix D.

Samples were collected from a select list of operating vapor extraction wells during this reporting period. The analytical data collected from the Soil Vapor Extraction wells in the Northern area (SVEN) and the Dual Phase Extraction wells in the Northern area (DPEN) wells since April 2020 are summarized and presented in the following table. The selection of wells operated this reporting period remained the same as the previous reporting period and were selected based on historical analytical data and physical location. Wells are selected for operation based on the geographic location to limit mounding of the water table and to target the higher level of contamination noted in previous analytical data.

Samples of recovered vapors were collected from DPEN-1, DPEN-2, DPEN-4 and SVEN-2 once during this reporting period. The data indicates continued operation is providing mass removal of VOCs and additional protection against vapor intrusion into the on-site structure.

The total VOC concentrations from each sample, in conjunction with the vapor recovery rate from the specific well were used to estimate the mass removal. Throughout the reporting period, the SVE system was in operation for 365 days and an estimated total of 4.15 pounds of VOC contaminants were removed.

Under the current guidance provided by NYSDOH*, if sub-slab vapors exceed threshold levels for certain compounds, regardless of indoor air concentrations, mitigation is required. The levels of several compounds were above the threshold levels established as noted in the table at the end of this section. Once the levels of all VOC in the sub slab vapors being recovered drop below the noted levels, consideration will be given to moving the SVE system to a cyclical operation. If the cyclical operation of the SVE system indicates the levels of VOCs are remaining below the mitigation required levels for all compounds, indoor air quality samples will be collected as part of a Vapor Intrusion Investigation to determine if mitigation is required as directed by the DOH guidance.

DATE	Location	1,1,1-TCA	*1,1-DCA	1,1-DCE	*1,4-Dioxane	cis-1,2-DCE	Methylene Chloride	PCE	TCE	Total VOC
NYSDOH Matrix		B	N/A	A	N/A	A	B	B	A	
Mitigation Req'd Action Level		1000 μg/m³	1000 μg/m³	60 μg/m³	1000 μg/m³	60 μg/m³	1000 μg/m³	1000 μg/m³	60 μg/m³	
04/13/20	DPEN-1	2.9	1.4	0.67	<1.1	2.5	<0.52	40	2.1	50
07/22/20	DPEN-1	17	13	5.7	<1.1	54	0.42	83	6.1	179
04/20/21	DPEN-1	9.9	7.3	0.67	<1.1	28	0.76	40	2.4	89
03/07/22	DPEN-1	2.2	0.65	<0.59	<1.1	2.7	<0.52	31	1.4	38
12/22/22	DPEN-1	6	3	0.67	<1.1	12	<0.52	62	2.6	86
04/13/20	DPEN-2	9.8	2.0	0.40	<1.1	1.9	0.59	42	0.70	57
07/22/20	DPEN-2	277	15.0	2.10	<1.1	41	0.56	280	11.00	627
04/20/21	DPEN-2	11	2.4	0.48	<1.1	15	1.50	420	3.30	454
03/07/22	DPEN-2	8.6	1.7	0.44	<1.1	11	0.49	61	1.10	84
12/22/22	DPEN-2	13	2.9	0.59	<1.1	24	<0.52	170	3.80	214
04/13/20	DPEN-4	240	56	2.8	<1.1	170	0.76	160	30	660
07/22/20	DPEN-4	3000	350	65	<1.1	3800	21	1200	510	8946
04/20/21	DPEN-4	2800	230	19	0.79	2700	4.9	1200	710	7665
03/07/22	DPEN-4	340	83	1.8	<1.1	180	0.38	130	31	766
12/22/22	DPEN-4	2300	330	25	<1.1	2400	4.2	1100	690	6849
04/13/20	SVEN-2	1.5	<0.61	<0.59	57	<0.59	0.59	29	<0.81	88
07/22/20	SVEN-2	8.8	0.97	0.63	110	6.9	0.45	170	2.2	300
04/20/21	SVEN-2	4.6	0.65	<0.59	51	3.1	0.59	63	1.6	125
03/07/22	SVEN-2	1.9	<0.61	<0.59	22	1.3	10.00	33	3.3	72
12/22/22	SVEN-2	6.5	0.81	0.99	55	1.1	0.35	150	2.1	217

All readings in μg/m³
* NYSDOH Guidance Document is entitled "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006) (Revised May 2017)
** Matrix B is assumed for all compounds not specifically listed

CONCLUSIONS

1. The following is a list of the Remediation Goals presented in section 6 of the ROD and a brief discussion of the progress that has been made in meeting those goals and associated SCGs.

    - "Eliminate to the extent practicable the contamination present within the on-site soils/waste (reduce soil contaminant levels to levels protective of groundwater as indicated in soil tables in section 4.3 [of the ROD])".
        - Initially, this goal was met by the removal of the Spill Containment Tank and surrounding soils in 1986. The soils beneath the floor of the former wastewater treatment area located in the southwest corner of the facility were also identified in the Remedial Investigation (RI) to have contamination in excess of the Soil Cleanup Levels found in the ROD (ROD SCOs). The soils in this area were remediated with the operation of a SVE system from 1997 through 1999. Confirmatory soil samples were collected, and it was determined that the soils beneath the facility in this area were in conformance with the levels noted in the ROD.
        - A subsurface investigation in 2008 identified other areas beneath the floor of the facility and a small area outside the footprint of the facility to the south that could potentially exceed the contaminant levels set forth in the ROD SCOs. These two areas are referenced in the text above as: SVEN (a large area beneath the floor of the facility) and SVES (a small area beneath the roadway to the south of the facility). Additional equipment was installed in 2011 including a new vacuum extraction unit and new extraction wells located throughout both SVEN and SVES. The SVE system is still in operation addressing the soils in the SVEN area. The vacuum extraction in the SVES area is ineffective for most of the year due to the elevated water table.
        - There is currently no other area of potential soil contamination or waste materials requiring a remedial response that has been identified at the site**.**
        - **Status: Ongoing.** As of October 2017, the ROD SCOs have been replaced by the Soil Cleanup Objectives for Commercial and Industrial uses that are found at 6 NYCRR 375-6.8 (b) (Part 375 SCOs). Attached as Appendix E is a copy of the Part 375 SCOs and their applicability depending on the particular use.
    - "Eliminate the potential for direct human or animal contact with contaminated soils on-site"
        - The origination of the contamination on this site was below grade through leaking underground storage tanks and piping. With the removal of the Spill Containment Tank and surrounding soils, the threat of direct contact has been addressed.
        - With respect to the remaining impacted soils that are beneath the facility floor, an SMP has been prepared for implementation under the recorded Declaration of Covenants and Restrictions that requires the use of an excavation work plan for any excavations within a designated area and specifies the actions to be taken to address potential exposure to the contaminants at issue.
        - **Status: Complete with the approval of the SMP and reclassification of the Site from a Class 2 to a Class 4.**

- "Mitigate the impacts of contaminated groundwater to the environment"
    - The groundwater recovery system continues to effectively recover VOCs from the impacted aquifer and discharge of the treated groundwater has been in accordance with the substantive SPDES requirements developed by NYSDEC as shown in the monthly monitoring data submitted to NYSDEC during the reporting period.
    - **Status: Completed**
- "Prevent, to the extent practicable, migration of the contaminants in the source areas to groundwater"
    - The data indicates that the recovery well networks in the NOU and SOU source areas are effectively capturing the impacted groundwater at the source and preventing downgradient migration from those areas. Declining trends noted in the monitoring wells immediately downgradient of the source areas indicate successful hydraulic capture of the plume in the source areas.
    - The reduction in the concentrations noted in the outlying recovery wells and monitoring wells further downgradient indicate hydraulic control in the plume area. Residual concentrations in the plume area have dropped below SCGs in all monitoring wells, except MW-34D, downgradient from the perimeter recovery wells RW-11 and RW-12 located adjacent to the former Taylor Property. Although one VOC reported for MW-34D remains above the SCGs, the declining trend noted supports the assumption of hydraulic control in this area. A copy of a graph of the VOC concentrations for MW-34D is included in Appendix C.
    - The installation in 2011 of the SVE system and subsequent operation is removing VOC mass from the vadose and fringe zones, thus preventing the migration of the contaminants from the source areas.
    - **Status: Completed**
- "To the extent practicable, provide for attainment of SGCs for groundwater quality at the limits of the area of concern (AOC). The AOC for the site is the area from the spill source locations to the Fulton municipal well field."
    - Using MW-28I as the "limit" of the AOC with respect to the plume's closest approach to the municipal wells, the concentration of each individual contaminant of concern has decreased steadily since operation of the remedial system began. No individual COC has been reported at the limit of the AOC at a concentration in excess of its respective SCG since February 2003. VOC concentrations within the AOC closer to the source areas continue to decline.
    - **Status: Ongoing**

2. The GWTF continues to perform as designed and is effectively removing the VOC contamination from the recovered groundwater to below the MDL of 1.0 μg/l. The current treatment process includes the use of air stripping technology. The use of the Liquid Phase Carbon treatment is not necessary for the treatment of the groundwater.

3. The operation of RW-2 continues to provide a benefit to the remedial effort. The calculated mass removal rate for this well remains higher than all other recovery wells. The effects of the pumping at RW-2 appear to have a positive impact on downgradient monitoring wells MW-8D, MW-13D noted as declines in the contaminant concentrations. Trends for PCE in MW-16D steadily increased from April 2017 to a high in October 2021. The levels reported in April of 2022 dropped slightly and continue to decline in 2023. Line graphs of the analytical data for these wells are included in Appendix C. This recovery well, RW-2, will continue to be utilized and monitoring of the surrounding wells will also continue.

4. The production rate from RW-3 remained consistent when compared to the previous year. The VOC concentrations in this Recovery Well remain above SCGs. The declining trend noted in previous Annual Reports continues for many of the compounds. Continued operation and monitoring of this recovery well will provide a benefit to the remedial effort.

5. RW-4 production rate decreased slightly when compared to the last reporting period. The levels of VOCs have shown variability over the past year. No definitive trends can be established at this time. Operation of this recovery well will continue and the VOC concentrations will continue to be monitored.

6. Contaminant concentrations in replacement well RW-5R remained consistent when compared to the pervious year with an overall declining trend. Concentration of COCs remain above the SCGs. The production rate increased slightly compared to 2022. The production will continue to be throttled back to prevent pump damage from the silt. This recovery well will remain in operation throughout the next operating year.

7. RW-8 and RW-9 continue to maintain hydraulic control of the SOU-P area. The VOC concentrations continue to decline in both recovery wells. The VOC concentrations in MW-54I, located within the cone of influence of RW-8, remain below the MDL of 0.5 μg/l. MW-37I is located between the SOU-S and RW-8 and RW-9. The decrease in contaminant levels experienced in MW-37I continued throughout this reporting period. Monitoring of MW-37I will continue as well as the operation of RW-8 and RW-9 over the next reporting period. Production rates from RW-8 decreased when compared to 2022.

8. The perimeter recovery well RW-10 operation was halted in August 2015. The contaminant levels reported for MW-21S, MW-33S and MW-35D during the groundwater sampling event in 2023 remained consistent at levels below the SCG of 5.0 μg/l and support allowing RW-10 to remain off. Graphical presentation of the analytical data for these wells for the past 7 years are included in Appendix C.

9. Perimeter recovery wells RW-11 and RW-12, located along the former Taylor Property boundary, continue to function efficiently in preventing the migration of impacted ground water to the City of Fulton Well Field. Supporting evidence is displayed by the observed reducing trends experienced in all the monitoring wells located on the Former Taylor Property (MW-32D, MW-33S, MW-34D and MW-35D), and on the municipal well field property (MW-28I). The PCE concentration in both of these Recovery Wells hover around 2.5 μg/l (50% of the SCGs for groundwater for all of the COCs (see http://www.dec.ny.gov/dos/water_pdf/togs111.pdf). Only MW-34D, downgradient of these recovery wells, has reported concentrations of any COC above 5 μg/l. Analytical data from MW-34D is demonstrating a downward trend in contaminant levels. Line graphs of all the active Recovery Wells are in Appendix C.

10. RW-13 VOC concentrations continue to decline, VOC levels reported for the four sampling events were fluctuating near the SCG of 5.0 μg/l for PCE, 1,1-DCA, 1,1-DCE and TCE. The production rate from this well decreased slightly from 0.58 GPM to 0.35 GPM. The contaminant concentrations in the monitoring wells thought to be under the influence of RW-13 (MW-51D, MW-56D and MW-13D) continue to decline. MW-8D VOC levels appear to remain consistent from the previous reporting period. Continued operation of RW-13 will further reduce the contaminant load in this area of the site.

11. The City of Fulton Water Treatment Facility (WTF) has been shut down and mothballed according to the approved mothball procedures. If, in the future, the City determines the chloride levels in M-2A are acceptable and wishes to introduce the water from M-2A into the distribution system, quarterly monitoring will be required for 4 consecutive quarters. Should any one individual COC, as defined in the IRM Order on Consent, exceed a level of 50% of the MCL, treatment and monitoring requirements will resume.

12. The Early Warning Network sampling schedule is annual based on the determination of NYSDEC. The annual sampling of these wells takes place in April so the data is available for the preparation of the annual reporting period that currently ends on April 30.

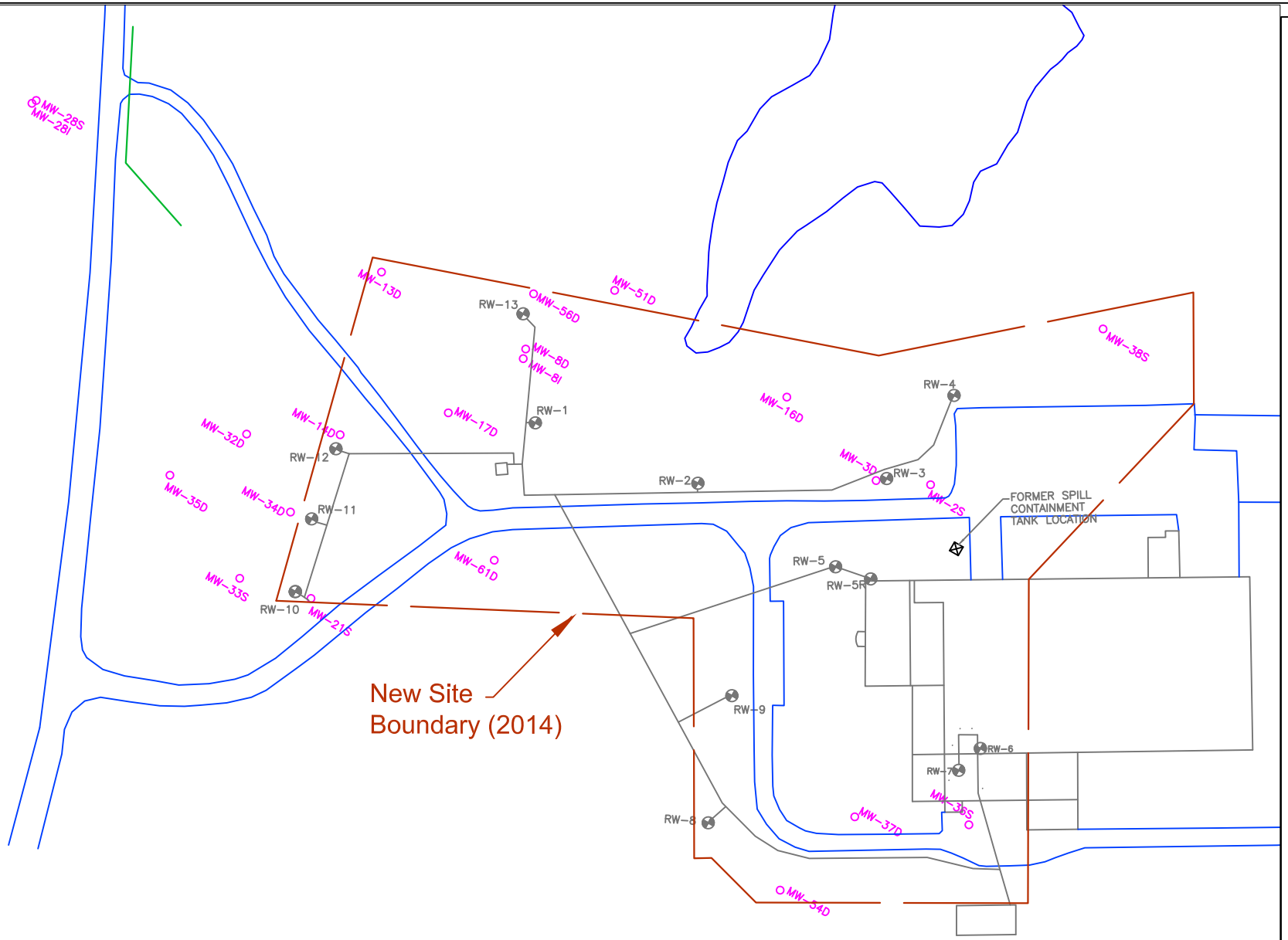
13. SVES Operation
    The operation of the SVE system in the southern area is ineffective due to the elevated water table in this area. No vapors were recovered from any extraction points in the southern area this reporting period.

14. SVEN operation
    The SVEN system removed a significant mass of VOC from the vadose and fringe zone beneath the former can plant building in the 12 years of operation. The estimated mass removal rate calculated for the 365 days of operation this year was calculated to be 4.15 pounds in 2022-2023. The results from the sampling of DPEN-4 indicate the system should remain in continuous operation.

RECOMMENDATIONS

1. RW-2, RW-3 and RW-4 will continue operation throughout the next reporting period. No changes are recommended to these wells.
2. RW-5R will continue to operate at the restricted flow rate to prevent the removal of silt and sand from the screened zone in this well.
3. RW-8 and RW-9 will continue to operate throughout the next reporting period. Effort will be made to improve the production rate in RW-8.
4. RW-10 will remain off and the analytical data from MW-21S, MW-33S and MW-35D will be evaluated next sampling event. If the contaminant levels in these monitoring wells show an increasing trend, consideration will be given to returning RW-10 to service.
5. RW-11, RW-12 and RW-13 will continue operation throughout the next reporting period. The contaminant levels in RW-11 and RW-12 are below the SCGs noted above and are nearing 50% of the SCGs. Once VOC levels are shown to be below the 50% level of the SCGs for four consecutive quarters, a request to cease operation of these wells will be considered. All COC's levels in RW-13 have dropped below the SCG of 5.0 μg/l. No changes are recommended for this area.
6. The operation of the SVE system in the Northern area will continue. The areas around DPEN-4 and DPEN-2 will continue to be the focus of the extraction effort. The extraction wells used this entire reporting period will continue to be utilized. Future monitoring will determine if transitioning to cyclical operation or termination of the operation is warranted. Once it is determined the SVE systems have reached their useful life, a Work Plan will be developed to justify permanently stopping the operation. The Work Plan will include a Soil Vapor Intrusion investigation and confirmatory soil sampling plan.
7. Based on the analytical results from the annual sampling of the Early Warning Network, we propose the following adjustments to the EWN list. The table below describes the well, its location (Functional Monitoring Group) and the reason for the removal from the list. A table of the analytical results for these wells is included in Appendix B.

Well	Location	Reason for removal
MW-8I	NOU-P	COC's non-detect since 2017, prior, PCE reported at concentration ranging from 1.3 μg/l to <0.5 μg/l since January 2006.
MW-13D	NOU-P	PCE <50% of the MCL since 2017, 1,1-DCA and 1,1,1-TCA <50% MCL since 2002 and 2008 respectively
MW-14D	Taylor Property	PCE <50% of the MCL since 2005 and 1,1,1-TCA <50% MCL since 1999. RW-12, located within 20' provides quarterly analytical
MW-28S	Municipal Wells	PCE max concentration 1.00 μg/l in 2001 and non-detect (<0.5) since 2009
MW-51D MW-54I MW-56D	NOU-P SOU-P NOU-P	Concentrations of COC's at or below 50% MCL for over 10 years. The location of these three monitoring wells do not assist in predicting migration downgradient.



General Notes

RW-5 RECOVERY WELL

MW-16D MONITORING WELL

No.	Revision/Issue	Date

OMI

OPERATIONS & MAINTENANCE INC.
1850 ROUTE 57
FULTON, NY 13069

Project Name and Address

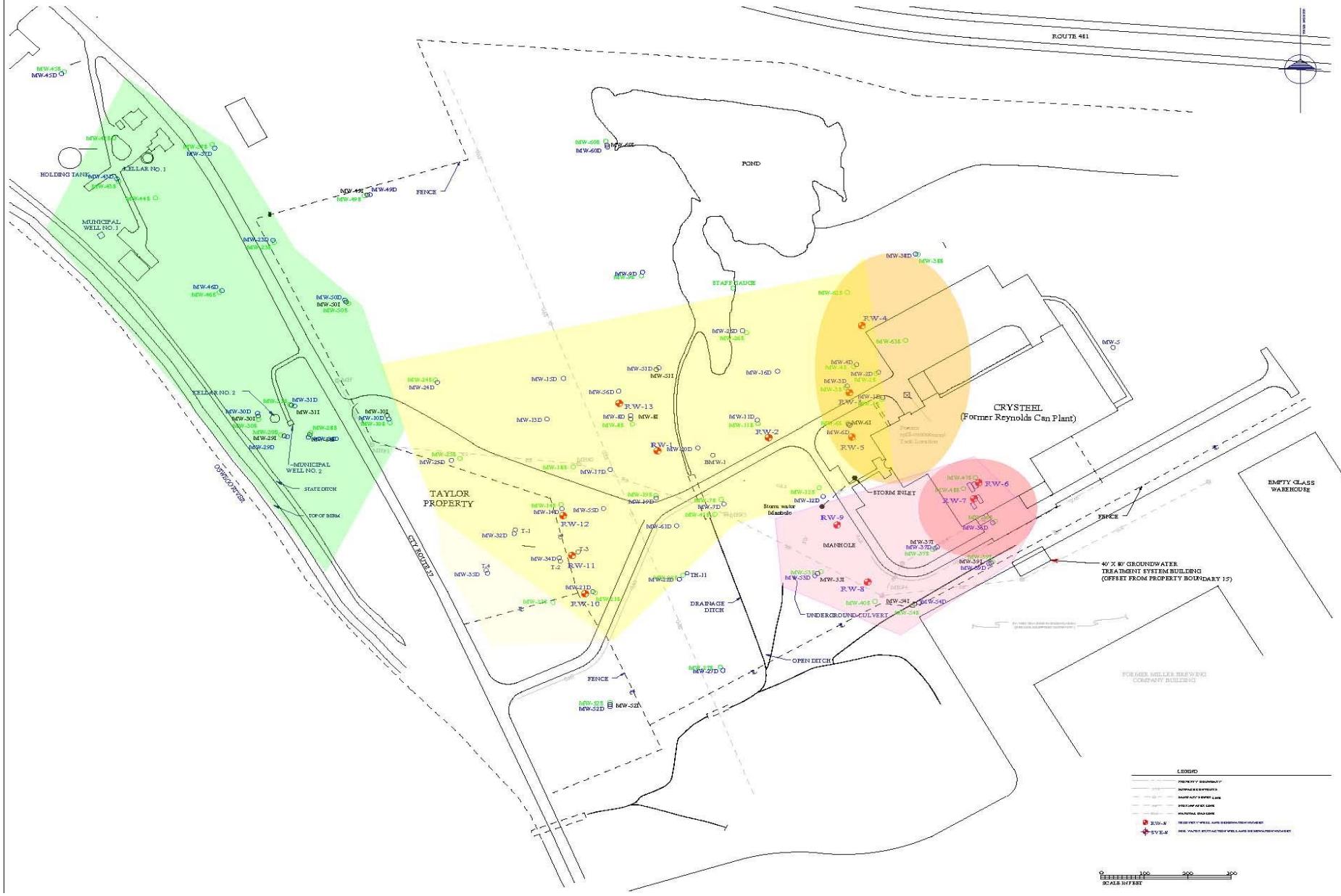
MILLER BREWING CO.
GROUNDWATER TREATMENT FACILITY
1850 ROUTE 57
FULTON, NY 13069

EWN WELLS

Date 07-14-15

Scale 1"=200'

Sheet FIGURE 1

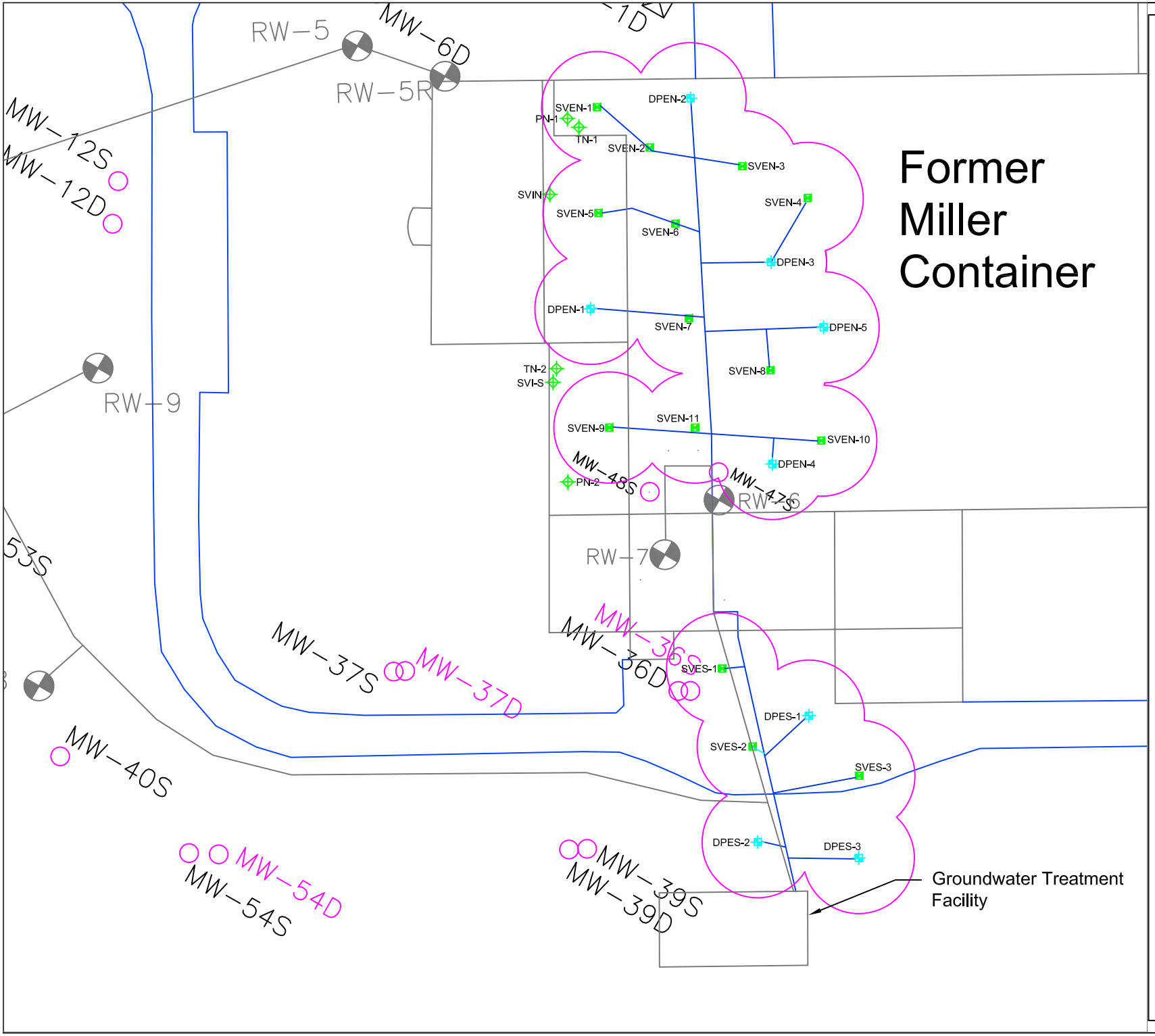


2019-2020 Annual Report

Functional Monitoring Groups
Figure 1

2012-2013 Annual Report

SVE and DPE Layout
Figure 2



General Notes

RW-5 RECOVERY WELL

SVEN-5 SOIL VAPOR EXTRACTION WELL

DPEN-1 DUAL PHASE EXTRACTION WELL

SVI-S SOIL VAPOR EXTRACTION MONITORING POINT

No.	Revision/Issue	Date

OMI
OPERATIONS & MAINTENANCE INC.
1850 ROUTE 57
FULTON, NY 13069

Project Name and Address

MILLER BREWING CO.
GROUNDWATER TREATMENT FACILITY
1850 ROUTE 57
FULTON, NY 13069

2010 SVE SYSTEM

Date 02-14-14

Scale 1"=70'

Sheet FIGURE 3

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

May-22		Daily Gallons
1	56000021	20546
2	56020567	20479
3	56041046	16335
4	56057381	20460
5	56077841	20441
6	56098282	20394
7	56118676	20427
8	56139103	20338
9	56159441	20360
10	56179801	20404
11	56200205	20299
12	56220504	20234
13	56240738	20179
14	56260917	16171
15	56277088	20215
16	56297303	20465
17	56317768	20336
18	56338104	2971
19	56341075	58
20	56341133	20121
21	56361254	20205
22	56381459	16128
23	56397587	20160
24	56417747	20055
25	56437802	20057
26	56457859	20679
27	56478538	25544
28	56504082	24939
29	56529021	25034
30	56554055	21713
31	56575768	24280
Total for Month	575747	
Daily Average	18572.48	
Average GPM	12.90	

Jun-22		Daily Gallons
1	56600048	25302
2	56625350	35114
3	56660464	15244
4	56675708	25209
5	56700917	21594
6	56722511	24709
7	56747220	25242
8	56772462	25297
9	56797759	25522
10	56823281	25596
11	56848877	24663
12	56873540	17284
13	56890824	25275
14	56916099	25337
15	56941436	21291
16	56962727	25300
17	56988027	24892
18	57012919	20871
19	57033790	17081
20	57050871	33144
21	57084015	21243
22	57105258	25522
23	57130780	25596
24	57156376	24663
25	57181039	22232
26	57203271	709
27	57203980	26784
28	57230764	25773
29	57256537	25663
30	57282200	25730
Total for Month	706432	
Daily Average	23547.73	
Average GPM	16.35	

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

Jul-22		Daily Gallons
1	57307930	25502
2	57333432	20630
3	57354062	20782
4	57374844	16456
5	57391300	19150
6	57410450	25326
7	57435776	21192
8	57456968	25264
9	57482232	21253
10	57503485	13367
11	57516852	26915
12	57543767	22234
13	57566001	25556
14	57591557	25616
15	57617173	25455
16	57642628	25483
17	57668111	25583
18	57693694	25469
19	57719163	25486
20	57744649	25466
21	57770115	22083
22	57792198	21587
23	57813785	28443
24	57842228	25338
25	57867566	20428
26	57887994	25033
27	57913027	25174
28	57938201	23510
29	57961711	22644
30	57984355	25280
31	58009635	25298
Total for Month	727435	
Daily Average	23465.65	
Average GPM	16.30	

Aug-22		Daily Gallons
1	58034933	21153
2	58056086	25475
3	58081561	23701
4	58105262	23105
5	58128367	25384
6	58153751	24372
7	58178123	5751
8	58183874	21178
9	58205052	15895
10	58220947	25597
11	58246544	24999
12	58271543	21471
13	58293014	25284
14	58318298	21227
15	58339525	25357
16	58364882	21122
17	58386004	25332
18	58411336	21082
19	58432418	21856
20	58454274	0
21	58454274	4203
22	58458477	22448
23	58480925	22448
24	58503373	23734
25	58527107	22794
26	58549901	19391
27	58569292	25347
28	58594639	21205
29	58615844	21060
30	58636904	23243
31	58660147	22843
Total for Month	650512	
Daily Average	20984.26	
Average GPM	14.57	

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

Sep-22		Daily Gallons
1	58682990	20914
2	58703904	20830
3	58724734	24916
4	58749650	20988
5	58770638	20962
6	58791600	21019
7	58812619	21022
8	58833641	21105
9	58854746	21017
10	58875763	21045
11	58896808	23715
12	58920523	22566
13	58943089	22448
14	58965537	19709
15	58985246	23459
16	59008705	23368
17	59032073	21381
18	59053454	25754
19	59079208	21422
20	59100630	24638
21	59125268	22742
22	59148010	21144
23	59169154	23403
24	59192557	15956
25	59208513	0
26	59208513	12606
27	59221119	0
28	59221119	0
29	59221119	20757
30	59241876	23
Total for Month	581729	
Daily Average	19390.97	
Average GPM	13.47	

Oct-22		Daily Gallons
1	59241899	0
2	59241899	0
3	59241899	22278
4	59264177	22669
5	59286846	20787
6	59307633	21071
7	59328704	21852
8	59350556	20053
9	59370609	22883
10	59393492	22834
11	59416326	23360
12	59439686	20497
13	59460183	23637
14	59483820	20851
15	59504671	23840
16	59528511	20759
17	59549270	21254
18	59570524	20603
19	59591127	21636
20	59612763	23021
21	59635784	20784
22	59656568	22074
23	59678642	22402
24	59701044	20736
25	59721780	23806
26	59745586	21156
27	59766742	23144
28	59789886	16546
29	59806432	20480
30	59826912	20453
31	59847365	20297
Total for Month	605489	
Daily Average	19531.90	
Average GPM	13.56	

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

Nov-22		Daily Gallons
1	59867662	23064
2	59890726	20257
3	59910983	20201
4	59931184	17263
5	59948447	20584
6	59969031	17563
7	59986594	18257
8	60004851	20490
9	60025341	6488
10	60031829	20680
11	60052509	17191
12	60069700	18968
13	60088668	18329
14	60106997	17872
15	60124869	19283
16	60144152	17075
17	60161227	34552
18	60195779	15520
19	60211299	15394
20	60226693	15384
21	60242077	15200
22	60257277	14972
23	60272249	14975
24	60287224	14267
25	60301491	11472
26	60312963	13228
27	60326191	9187
28	60335378	16937
29	60352315	19034
30	60371349	16325
Total for Month	523984	
Daily Average	17466.13	
Average GPM	12.13	

Dec-22		Daily Gallons
1	60387674	16343
2	60404017	13585
3	60417602	16351
4	60433953	16368
5	60450321	16332
6	60466653	13156
7	60479809	14410
8	60494219	14176
9	60508395	13318
10	60521713	12648
11	60534361	20255
12	60554616	16021
13	60570637	13168
14	60583805	15774
15	60599579	13049
16	60612628	13594
17	60626222	15268
18	60641490	13130
19	60654620	13156
20	60667776	14410
21	60682186	14176
22	60696362	13318
23	60709680	12648
24	60722328	12707
25	60735035	15276
26	60750311	12683
27	60762994	12622
28	60775616	13856
29	60789472	12893
30	60802365	13242
31	60815607	12829
Total for Month	444258	
Daily Average	14330.90	
Average GPM	9.95	

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

Jan-23		Daily Gallons
1	60828436	10313
2	60838749	13067
3	60851816	13155
4	60864971	0
5	60864971	22143
6	60887114	17418
7	60904532	17449
8	60921981	17517
9	60939498	17611
10	60957109	17832
11	60974941	21530
12	60996471	18592
13	61015063	20460
14	61035523	18999
15	61054522	17900
16	61072422	17990
17	61090412	17851
18	61108263	13992
19	61122255	14257
20	61136512	13944
21	61150456	13876
22	61164332	17426
23	61181758	14007
24	61195765	13989
25	61209754	13953
26	61223707	14019
27	61237726	13998
28	61251724	13924
29	61265648	13992
30	61279640	14257
31	61293897	13377
Total for Month	478290	
Daily Average	15428.71	
Average GPM	10.71	

Feb-23		Daily Gallons
1	61307274	7025
2	61314299	17297
3	61331596	13825
4	61345421	7683
5	61353104	17580
6	61370684	12331
7	61383015	11873
8	61394888	11898
9	61406786	17136
10	61423922	10047
11	61433969	13377
12	61447346	10072
13	61457418	13509
14	61470927	16993
15	61487920	11225
16	61499145	12667
17	61511812	13720
18	61525532	13668
19	61539200	13610
20	61552810	10278
21	61563088	10188
22	61573276	13595
23	61586871	13690
24	61600561	10249
25	61610810	13627
26	61624437	13598
27	61638035	11059
28	61649094	11734
Total for Month	355197	
Daily Average	12685.61	
Average GPM	8.81	

FORMER MILLER CONTAINER SITE
NYSDEC Site # 7-38-029
GWTF TOTALIZER READINGS

May 1, 2022 through April 30, 2023

Mar-23		Daily Gallons
1	61660828	14585
2	61675413	12292
3	61687705	11507
4	61699212	13563
5	61712775	10211
6	61722986	13584
7	61736570	13208
8	61749778	10382
9	61760160	10072
10	61770232	13473
11	61783705	13486
12	61797191	10083
13	61807274	13423
14	61820697	10090
15	61830787	13318
16	61844105	10044
17	61854149	13754
18	61867903	10000
19	61877903	13262
20	61891165	10114
21	61901279	13460
22	61914739	12435
23	61927174	10112
24	61937286	13413
25	61950699	10141
26	61960840	13312
27	61974152	9996
28	61984148	11482
29	61995630	11732
30	62007362	13327
31	62020689	9986

Total for Month	371595
Daily Average	11986.94
Average GPM	8.32

Apr-23		Daily Gallons
1	62030675	13203
2	62043878	9908
3	62053786	12051
4	62065837	18886
5	62084723	21952
6	62106675	16150
7	62122825	15514
8	62138339	17613
9	62155952	17636
10	62173588	17684
11	62191272	17695
12	62208967	17614
13	62226581	17615
14	62244196	17713
15	62261909	17710
16	62279619	17813
17	62297432	14379
18	62311811	17869
19	62329680	17893
20	62347573	17841
21	62365414	16288
22	62381702	15893
23	62397595	17883
24	62415478	17929
25	62433407	17893
26	62451300	17861
27	62469161	16286
28	62485447	15861
29	62501308	17908
30	62519216	22043
5/1/2022	62541259	

Total for Month	520570
Daily Average	16792.58
Average GPM	11.66

6541238

Miller Brewing Company

Fulton Can Plant Site Fulton, NY

Early Warining Network July 2015

Well ID	Location	Elevation of Measuring Point	Date of Installation
MW-2S	Northern Unit	377.10	9/24/1986
MW-3D	Northern Unit	376.52	7/14/1986
MW-8I	West of Pond	368.12	11/15/1991
MW-8D	West of Pond	368.30	9/18/1986
MW-13D	West of Pond	365.27	12/17/1986
MW-14D	Taylor & Vicinity	380.19	12/18/1986
MW-16D	Northern Unit	366.29	12/12/1989
MW-17D	West of Pond	372.74	4/11/1990
MW-21S	Taylor & Vicinity	379.26	4/23/1990
MW-28S	M-2A	356.94	8/22/1990
MW-28I	M-2A	357.44	8/22/1990
MW-32D	Taylor & Vicinity	377.76	9/12/1990
MW-33S	Taylor & Vicinity	383.23	9/13/1990
MW-34D	Taylor & Vicinity	385.08	9/14/1990
MW-35D	Taylor & Vicinity	381.36	9/18/1990
MW-36S	Southern Unit	376.61	9/14/1990
MW-37I	Southern Unit	377.30	11/15/1990
MW-38S	Northern Unit	373.61	11/26/1990
MW-51D	West of Pond	367.37	11/5/1991
MW-54I	South of Road	372.45	10/31/1991
MW-56D	West of Pond	367.73	12/9/1991
MW-61D	South of Road	368.60	

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

MW-8I	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
February 26, 1997	<0.5	<0.5	<0.5	**3.6**	**4.8**	<0.5	<0.5
April 29, 1997	<0.5	<0.5	<0.5	**7.6**	**4.4**	<0.5	<0.5
June 26, 1997	<0.5	**3.4**	<0.5	**7.9**	**21**	<0.5	<0.5
August 20, 1997	<0.5	**8.4**	<0.5	**10.0**	**37**	<0.5	<0.5
October 23, 1997	<0.5	**7.9**	<0.5	**15**	**24**	<0.5	<0.5
December 17, 1997	**0.88**	**14**	**0.57**	**29**	**42**	<0.5	<0.5
February 25, 1998	<0.5	**4.6**	<0.5	**19**	**22**	<0.5	<0.5
April 23, 1998	<0.5	<0.5	<0.5	**12**	**13**	<0.5	<0.5
June 26, 1998	<0.5	**2.4**	<0.5	**11**	**15**	<0.5	<0.5
August 20, 1998	<0.5	**1.6**	<0.5	**11**	**8.9**	<0.5	<0.5
October 22, 1998	<0.5	**2.9**	<0.5	**30**	**14**	<0.5	<0.5
December 15, 1998	<0.5	**2.4**	<0.5	**23**	**15**	<0.5	<0.5
February 25, 1999	<0.5	**1.1**	<0.5	**10.0**	**6.3**	<0.5	<0.5
April 22, 1999	<1	**1.4**	<1	**9.8**	**6.9**	<1	<1
June 22, 1999	<0.5	**2.3**	<0.5	**9.3**	**9.8**	<0.5	<0.5
August 26, 1999	<0.5	**1.3**	<0.5	**8.6**	**5.5**	<0.5	<0.5
October 26, 1999	<0.5	**1.2**	<0.5	**11**	**5.8**	<0.5	<0.5
December 20, 1999	<0.5	**1.3**	<0.5	**16**	**5.3**	<0.5	<0.5
February 22, 2000	<0.5	**0.75**	<0.5	**10.0**	**3.7**	<0.5	<0.5
April 26, 2000	<0.5	**0.75**	<0.5	**7.7**	**3.5**	<0.5	<0.5
June 22, 2000	<0.5	<0.5	<0.5	**6.9**	**2.9**	<0.5	<0.5
August 30, 2000	<0.5	<0.5	<0.5	**5.5**	**1.9**	<0.5	<0.5
October 24, 2000	<0.5	<0.5	<0.5	**5.7**	**2.4**	<0.5	<0.5
December 13, 2000	<0.5	<0.5	<0.5	**5.2**	**1.8**	<0.5	<0.5
February 28, 2001	<0.5	<0.5	<0.5	**2.2**	**0.93**	<0.5	<0.5
April 25, 2001	<0.5	<0.5	<0.5	**1.7**	<0.5	<0.5	<0.5
June 20, 2001	<0.5	<0.5	<0.5	**2.0**	**0.53**	<0.5	<0.5
August 21, 2001	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
October 30, 2001	<0.5	<0.5	<0.5	**2.4**	**1.00**	<0.5	<0.5
December 27, 2001	<0.5	<0.5	<0.5	**3.1**	**2.0**	<0.5	<0.5
February 26, 2002	<0.5	<0.5	<0.5	**1.8**	**1.1**	<0.5	<0.5
April 16, 2002	<0.5	<0.5	<0.5	**2.1**	**1.1**	<0.5	<0.5
June 19, 2002	<0.5	<0.5	<0.5	**1.9**	**0.57**	<0.5	<0.5
August 15, 2002	<0.5	<0.5	<0.5	**1.4**	**0.56**	<0.5	<0.5
October 16, 2002	<0.5	<0.5	<0.5	**2.3**	**0.60**	<0.5	<0.5
December 18, 2002	<0.5	<0.5	<0.5	**2.2**	**1.30**	<0.5	<0.5
February 27, 2003	<0.5	<0.5	<0.5	**2.4**	**0.92**	<0.5	<0.5
April 23, 2003	<0.5	<0.5	<0.5	**1.7**	**0.58**	<0.5	<0.5
June 25, 2003	<0.5	<0.5	<0.5	**1.8**	<0.5	<0.5	<0.5
August 20, 2003	<0.5	<0.5	<0.5	**2.4**	**0.76**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

October 14, 2003	<0.5	<0.5	<0.5	**2.6**	**1.10**	<0.5	<0.5
December 22, 2003	<0.5	<0.5	<0.5	**6.0**	**2.10**	<0.5	<0.5
February 24, 2004	<0.5	<0.5	<0.5	**2.9**	**0.94**	<0.5	<0.5
April 21, 2004	<0.5	<0.5	<0.5	**0.95**	<0.5	<0.5	<0.5
July 22, 2004	<0.5	<0.5	<0.5	**2.10**	**0.65**	<0.5	<0.5
October 31, 2004	<0.5	<0.5	<0.5	**3.20**	**1.50**	<0.5	<0.5
January 31, 2005	<0.5	<0.5	<0.5	**2.40**	<0.5	<0.5	<0.5
April 20, 2005	<0.5	<0.5	<0.5	**1.50**	<0.5	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	**1.70**	**0.58**	<0.5	<0.5
October 20, 2005	<0.5	<0.5	<0.5	**1.60**	**0.86**	<0.5	<0.5
January 11, 2006	<0.5	<0.5	<0.5	**1.10**	<0.5	<0.5	<0.5
April 12, 2006	<0.5	<0.5	<0.5	**0.90**	<0.5	<0.5	<0.5
July 14, 2006	<0.5	<0.5	<0.5	**0.70**	<0.5	<0.5	<0.5
October 19, 2006	<0.5	<0.5	<0.5	**0.98**	<0.5	<0.5	<0.5
January 11, 2007	<0.5	<0.5	<0.5	**0.60**	<0.5	<0.5	<0.5
April 23, 2007	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5
July 19, 2007	<0.5	<0.5	<0.5	**1.30**	<0.5	<0.5	<0.5
October 17, 2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 8, 2008	<0.5	<0.5	<0.5	**0.52**	<0.5	<0.5	<0.5
April 16, 2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 16, 2008	<0.5	<0.5	<0.5	**0.62**	<0.5	<0.5	<0.5
October 30, 2008	<0.5	<0.5	<0.5	**0.72**	<0.5	<0.5	<0.5
January 22, 2009	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5	<0.5
April 14, 2009	<0.5	<0.5	<0.5	**1.20**	<0.5	<0.5	<0.5
July 22, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 15, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 14, 2010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 14, 2010	<0.5	<0.5	<0.5	**0.95**	<0.5	<0.5	<0.5
July 28, 2010	<0.5	<0.5	<0.5	**0.52**	<0.5	<0.5	<0.5
November 15, 2010	<1	<1	<1	<1	<1	<1	<1
April 15, 2011	<1	<1	<1	**1.30**	<1	<1	<1
August 10, 2011	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
November 1, 2011	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 25, 2012	<0.5	<0.5	<0.5	**0.82**	<0.5	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5
July 17, 2012	<0.5	<0.5	<0.5	**0.55**	<0.5	<0.5	<0.5
October 16, 2012	<0.5	<0.5	<0.5	**0.66**	<0.5	<0.5	<0.5
January 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2013	<0.5	<0.5	<0.5	**0.80**	<0.5	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	**0.80**	<0.5	<0.5	<0.5
October 22, 2013	<0.5	<0.5	<0.5	**0.52**	<0.5	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	**0.98**	<0.5	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

April 15, 2016	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5	<0.5
April 11, 2017	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 17, 2019	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 11, 2023	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

MW-13D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
January 28, 1997	<10	**22**	<10	<10	**170**	<10	<10
March 26, 1997	**3.2**	<2	**7.1**	<2.0	**170**	<2	<2
May 29, 1997	**3.4**	**25**	**7.6**	<2.0	**170**	<2	<2
July 23, 1997	**4.6**	**32**	**8.9**	<2.0	**230**	<2	<2
September 24, 1997	**3.4**	**27**	<2	<2.0	**220**	<2	<2
November 25, 1997	**4.6**	**31**	**7.0**	**2.3**	**200**	<2	<2
January 28, 1998	**3.6**	**25**	**5.0**	<2.0	**170**	<2	<2
March 26, 1998	**3.3**	**23**	**4.8**	**3.6**	**160**	<0.5	<0.5
May 27, 1998	**3.0**	**28**	**5.7**	**7.8**	**130**	<2	<2
July 22, 1998	**3.6**	**26**	**5.4**	**11**	**120**	<2	<2
September 24, 1998	**2.4**	**19**	**4.3**	**8.8**	**86**	<2	<2
November 23, 1998	**2.5**	**19**	**4.8**	**9.9**	**83**	<2	<2
January 27, 1999	**2.3**	**17**	**4.1**	**11**	**77**	<2	<2
March 24, 1999	**1.7**	**13**	**3.3**	**11**	**59**	<1	<1
May 27, 1999	**1.3**	**12**	**2.6**	**13**	**48**	<0.5	<0.5
July 21, 1999	**1.8**	**20**	**3.3**	**18**	**66**	<0.5	<0.5
September 28, 1999	<1	**15**	**2.2**	**19**	**52**	<1	<1
November 22, 1999	<1	**10**	**1.5**	**17**	**42**	<1	<1
January 18, 2000	**1.1**	**11**	**2.2**	**17**	**39**	<1	<1
March 28, 2000	<1	**9.6**	**2.0**	**17**	**25**	<1	<1
May 24, 2000	**0.69**	**6.1**	**1.4**	**13**	**24**	<0.5	<0.5
July 25, 2000	**0.54**	**5.9**	**1.2**	**11**	**14**	<0.5	<0.5
September 26, 2000	<0.5	**5.6**	**1.1**	**13**	**14**	<0.5	<0.5
November 21, 2000	<0.5	**4.3**	**1.00**	**14**	**15**	<0.5	<0.5
January 23, 2001	<0.5	**4.4**	**1.00**	**13**	**14**	<0.5	<0.5
March 28, 2001	<0.5	**3.5**	<0.5	**8.7**	**9.6**	<0.5	<0.5
May 23, 2001	<0.5	**4.3**	**1.00**	**11**	**13**	<0.5	<0.5
July 26, 2001	<0.5	**4.2**	**1.00**	**10.0**	**12**	<0.5	<0.5
September 24, 2001	<0.5	**2.9**	**0.59**	**12**	**9.3**	<0.5	<0.5
November 20, 2001	<0.5	**3.6**	**0.69**	**10.0**	**8.9**	<0.5	<0.5
January 17, 2002	<0.5	**3.1**	**0.76**	**11**	**9.0**	<0.5	<0.5
March 27, 2002	<0.5	**2.4**	<0.5	**12**	**8.1**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

May 22, 2002	<0.5	**3.1**	**0.76**	**11**	**9.0**	<0.5	<0.5
July 25, 2002	<0.5	**2.6**	<0.5	**11**	**7.4**	<0.5	<0.5
September 12, 2002	<0.5	**2.4**	<0.5	**9.8**	**7.2**	<0.5	<0.5
November 26, 2002	<0.5	**2.1**	**0.52**	**9.0**	**7.0**	<0.5	<0.5
January 22, 2003	<0.5	**1.6**	<0.5	**7.9**	**4.4**	<0.5	<0.5
March 27, 2003	<0.5	**1.8**	<0.5	**9.0**	**5.6**	<0.5	<0.5
May 21, 2003	<0.5	**2.3**	**0.50**	**9.6**	**7.6**	<0.5	<0.5
July 24, 2003	<0.5	**2.2**	<0.5	**9.2**	**7.4**	<0.5	<0.5
September 24, 2003	<0.5	**1.9**	<0.5	**8.0**	**5.9**	<0.5	<0.5
November 20, 2003	<0.5	**1.8**	<0.5	**9.1**	**5.2**	<0.5	<0.5
January 20, 2004	<0.5	**1.0**	<0.5	**6.4**	**3.3**	<0.5	<0.5
April 21, 2004	<0.5	**1.7**	<0.5	**8.5**	**5.6**	<0.5	<0.5
July 22, 2004	<0.5	**1.5**	<0.5	**7.0**	**4.6**	<0.5	<0.5
October 21, 2004	<0.5	**1.4**	<0.5	**6.8**	**4.5**	<0.5	<0.5
January 31, 2005	<0.5	**0.69**	<0.5	**4.2**	**1.9**	<0.5	<0.5
April 20, 2005	<0.5	**1.40**	<0.5	**7.0**	**5.0**	<0.5	<0.5
July 21, 2005	<0.5	**1.40**	<0.5	**7.6**	**4.7**	<0.5	<0.5
October 20, 2005	<0.5	<0.5	<0.5	**1.7**	**1.1**	<0.5	<0.5
January 11, 2006	<0.5	**1.1**	<0.5	**7.4**	**3.1**	<0.5	<0.5
April 12, 2006	<0.5	**0.95**	<0.5	**5.8**	**3.1**	<0.5	<0.5
July 14, 2006	<0.5	<0.5	<0.5	**2.0**	**0.55**	<0.5	<0.5
October 19, 2006	<0.5	**1.4**	<0.5	**7.0**	**4.4**	<0.5	<0.5
January 11, 2007	<0.5	**1.2**	<0.5	**5.6**	**2.9**	<0.5	<0.5
April 23, 2007	<0.5	**0.94**	<0.5	**5.3**	**3.2**	<0.5	<0.5
July 19, 2007	<0.5	**0.97**	<0.5	**5.9**	**3.4**	<0.5	<0.5
October 17, 2007	<0.5	**0.80**	<0.5	**5.0**	**2.7**	<0.5	<0.5
January 8, 2008	<0.5	**0.52**	<0.5	**3.1**	**1.6**	<0.5	<0.5
April 16, 2008	<0.5	**0.98**	<0.5	**4.9**	**2.8**	<0.5	<0.5
July 16, 2008	<0.5	**1.40**	<0.5	**6.9**	**4.8**	<0.5	<0.5
October 30, 2008	<0.5	**1.00**	<0.5	**6.4**	**3.3**	<0.5	<0.5
January 22, 2009	<0.5	**0.82**	<0.5	**5.0**	**2.1**	<0.5	<0.5
April 14, 2009	<0.5	**0.81**	<0.5	**4.3**	**2.4**	<0.5	<0.5
July 22, 2009	<0.5	**0.58**	<0.5	**3.6**	**2.2**	<0.5	<0.5
October 15, 2009	<0.5	**0.53**	<0.5	**4.4**	**2.2**	<0.5	<0.5
January 14, 2010	<0.5	**0.77**	<0.5	**4.8**	**2.1**	<0.5	<0.5
April 14, 2010	<0.5	<0.5	<0.5	**3.5**	**1.7**	<0.5	<0.5
July 28, 2010	<0.5	**0.71**	<0.5	**4.6**	**2.3**	<0.5	<0.5
November 15, 2010	<1	<1	<1	**4.8**	**2.8**	<1	<1
April 15, 2011	<1	<1	<1	**4.3**	**1.7**	<1	<1
August 10, 2011	<0.5	**0.59**	<0.5	<0.5	<0.5	<0.5	<0.5
November 1, 2011	<0.5	**0.67**	<0.5	**5.3**	**2.7**	<0.5	<0.5
January 25, 2012	<0.5	<0.5	<0.5	**3.7**	**1.5**	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	**2.2**	**0.83**	<0.5	<0.5

July 17, 2012	<0.5	**0.53**	<0.5	**6.0**	**2.1**	<0.5	<0.5
October 16, 2012	<0.5	**0.72**	<0.5	**5.8**	**2.0**	<0.5	<0.5
January 15, 2013	<0.5	**0.65**	<0.5	**4.6**	**1.8**	<0.5	<0.5
April 15, 2013	<0.5	**0.54**	<0.5	**5.1**	**1.8**	<0.5	<0.5
July 23, 2013	<0.5	**0.58**	<0.5	**4.7**	**2.2**	<0.5	<0.5
October 22, 2013	<0.5	**0.61**	<0.5	**5.7**	**2.2**	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	**5.6**	**1.9**	<0.5	<0.5
April 16, 2015	<0.5	**0.56**	<0.5	**3.2**	**1.3**	<0.5	<0.5
October 15, 2015	<0.5	<0.5	<0.5	**3.2**	**1.00**	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	**3.0**	**0.79**	<0.5	<0.5
April 10, 2017	<0.5	<0.5	<0.5	**2.4**	**0.93**	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	**2.4**	**0.84**	<0.5	<0.5
April 17, 2019	<0.5	<0.5	<0.5	**2.4**	**0.72**	<0.5	<0.5
April 15, 2020	<0.5	<0.5	<0.5	**2.1**	**0.96**	<0.5	<0.5
April 13, 2021	<0.5	<0.5	<0.5	**2.0**	**0.56**	<0.5	<0.5
April 13, 2022	<0.5	<0.5	<0.5	**1.6**	<1	<0.5	<0.5
April 11, 2023	<0.5	<0.5	<0.5	**2.1**	<1	<0.5	<0.5

MW-14D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
January 28, 1997	<10	<10	<10	**120**	**260**	<10	<10
March 26, 1997	**5.6**	**53**	**8.30**	**140**	**250**	<1	<1
May 29, 1997	**5.0**	**26**	<1	**110**	**83**	<1	<1
July 23, 1997	<1	**15**	<1	**77**	**39**	<1	<1
September 24, 1997	<5	**5.3**	<5	**57**	**19**	<5	<5
November 25, 1997	<1	**5.2**	**1.10**	**41**	**14**	<1	<1
January 28, 1998	<1	**3.4**	<1	**20**	**14**	<1	<1
March 26, 1998	<1	**1.7**	<1	**27**	**7.0**	<1	<1
May 27, 1998	<1	<1	<1	**25**	**5.2**	<1	<1
July 22, 1998	<1	**1.5**	<1	**25**	**4.6**	<1	<1
September 24, 1998	<1	**1.0**	<1	**18**	**3.4**	<1	<1
November 23, 1998	<1	**0.93**	<1	**14**	**3.1**	<1	<1
January 27, 1999	<1	**0.71**	<1	**14**	**3.0**	<1	<1
March 24, 1999	<0.5	**0.60**	<0.5	**12**	**2.2**	<0.5	<0.5
May 27, 1999	<0.5	<0.5	<0.5	**11**	**1.8**	<0.5	<0.5
July 21, 1999	<0.5	**0.59**	<0.5	**11**	**2.5**	<0.5	<0.5
September 28, 1999	<0.5	<0.5	<0.5	**7.8**	**1.6**	<0.5	<0.5
November 22, 1999	<0.5	<0.5	<0.5	**11**	**2.7**	<0.5	<0.5
January 18, 2000	<0.5	**0.51**	<0.5	**10.0**	**2.1**	<0.5	<0.5
March 28, 2000	<0.5	<0.5	<0.5	**8.1**	**1.2**	<0.5	<0.5
May 24, 2000	<0.5	<0.5	<0.5	**8.8**	**1.6**	<0.5	<0.5
July 25, 2000	<0.5	<0.5	<0.5	**5.5**	**0.73**	<0.5	<0.5
September 26, 2000	<0.5	<0.5	<0.5	**7.6**	**1.2**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

November 21, 2000	<0.5	<0.5	<0.5	**6.1**	**1.0**	<0.5	<0.5
January 23, 2001	<0.5	<0.5	<0.5	**6.2**	**0.95**	<0.5	<0.5
March 28, 2001	<0.5	<0.5	<0.5	**5.0**	<0.5	<0.5	<0.5
May 23, 2001	<0.5	<0.5	<0.5	**4.1**	**0.76**	<0.5	<0.5
July 26, 2001	<0.5	<0.5	<0.5	**4.7**	**0.84**	<0.5	<0.5
September 24, 2001	<0.5	<0.5	<0.5	**4.9**	**0.77**	<0.5	<0.5
November 20, 2001	<0.5	<0.5	<0.5	**4.8**	**0.96**	<0.5	<0.5
January 17, 2002	<0.5	<0.5	<0.5	**5.1**	**1.3**	<0.5	<0.5
March 27, 2002	<0.5	<0.5	<0.5	**4.7**	**1.1**	<0.5	<0.5
May 22, 2002	<0.5	<0.5	<0.5	**5.1**	**1.3**	<0.5	<0.5
July 25, 2002	<0.5	<0.5	<0.5	**4.0**	**0.61**	<0.5	<0.5
September 12, 2002	<0.5	<0.5	<0.5	**4.6**	**0.92**	<0.5	<0.5
November 26, 2002	<0.5	<0.5	<0.5	**4.5**	**1.00**	<0.5	<0.5
January 22, 2003	<0.5	<0.5	<0.5	**3.3**	**0.55**	<0.5	<0.5
March 27, 2003	<0.5	<0.5	<0.5	**4.4**	**0.68**	<0.5	<0.5
May 21, 2003	<0.5	<0.5	<0.5	**4.0**	**0.72**	<0.5	<0.5
July 24, 2003	<0.5	<0.5	<0.5	**3.4**	**0.63**	<0.5	<0.5
September 24, 2003	<0.5	<0.5	<0.5	**3.4**	**0.65**	<0.5	<0.5
November 20, 2003	<0.5	<0.5	<0.5	**3.4**	**0.54**	<0.5	<0.5
January 20, 2004	<0.5	<0.5	<0.5	**3.4**	**0.75**	<0.5	<0.5
April 21, 2004	<0.5	<0.5	<0.5	**2.5**	**0.51**	<0.5	<0.5
July 22, 2004	<0.5	<0.5	<0.5	**2.8**	**0.51**	<0.5	<0.5
October 21, 2004	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5	<0.5
January 31, 2005	<0.5	<0.5	<0.5	**0.90**	<0.5	<0.5	<0.5
April 20, 2005	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5	<0.5
October 20, 2005	<0.5	<0.5	<0.5	**0.95**	<0.5	<0.5	<0.5
January 11, 2006	<0.5	<0.5	<0.5	**1.5**	<0.5	<0.5	<0.5
April 12, 2006	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.5	<0.5
July 14, 2006	<0.5	<0.5	<0.5	**2.0**	**0.55**	<0.5	<0.5
October 19, 2006	<0.5	<0.5	<0.5	**2.4**	**0.66**	<0.5	<0.5
January 11, 2007	<1	<1	<1	**2.2**	<1	<1	<1
April 23, 2007	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
July 19, 2007	<0.5	<0.5	<0.5	**2.1**	**0.67**	<0.5	<0.5
October 17, 2007	<0.5	<0.5	<0.5	**1.8**	**0.54**	<0.5	<0.5
January 8, 2008	<1	<1	<1	**1.00**	<1	<1	<1
April 16, 2008	<0.5	<0.5	<0.5	**1.6**	**0.64**	<0.5	<0.5
July 16, 2008	<0.5	<0.5	<0.5	**0.95**	<0.5	<0.5	<0.5
October 30, 2008	<0.5	<0.5	<0.5	**1.9**	**0.54**	<0.5	<0.5
January 22, 2009	<0.5	<0.5	<0.5	**1.8**	<0.5	<0.5	<0.5
April 14, 2009	<0.5	<0.5	<0.5	**1.6**	<0.5	<0.5	<0.5
July 22, 2009	<0.5	<0.5	<0.5	**1.0**	<0.5	<0.5	<0.5
October 15, 2009	<0.5	<0.5	<0.5	**1.2**	<0.5	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

January 14, 2010	<0.5	<0.5	<0.5	**1.8**	**0.56**	<0.5	<0.5
April 14, 2010	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
July 28, 2010	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5
November 15, 2010	<1	<1	<1	**1.4**	<1	<1	<1
April 15, 2011	<1	<1	<1	**1.7**	<1	<1	<1
August 10, 2011	<0.5	<0.5	<0.5	**0.51**	<0.5	<0.5	<0.5
November 1, 2011	<0.5	<0.5	<0.5	**1.5**	**0.60**	<0.5	<0.5
January 25, 2012	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5
July 17, 2012	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5
October 16, 2012	<0.5	<0.5	<0.5	**1.6**	<0.5	<0.5	<0.5
January 15, 2013	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
April 15, 2013	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5	<0.5
October 22, 2013	<0.5	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	**0.94**	<0.5	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	**0.97**	<0.5	<0.5	<0.5
April 10, 2017	<0.5	<0.5	<0.5	**0.90**	**0.53**	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	**0.71**	<0.5	<0.5	<0.5
April 17, 2019	<0.5	<0.5	<0.5	**0.59**	<0.5	<0.5	<0.5
April 15, 2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2021	<0.5	<0.5	<0.5	**0.55**	<0.5	<0.5	<0.5
April 13, 2022	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
April 11, 2023	<1	<1	<1	<1	<1	<1	<1

MW-28S	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
March 28, 2001	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5	<0.5
September 24, 2001	<0.5	<0.5	<0.5	**1.00**	**0.53**	<0.5	<0.5
March 27, 2002							
September 12, 2002	<0.5	<0.5	<0.5	**0.93**	<0.5	<0.5	<0.5
March 27, 2003	<0.5	<0.5	<0.5	**0.93**	<0.5	<0.5	<0.5
September 24, 2003	<0.5	<0.5	<0.5	**0.96**	<0.5	<0.5	<0.5
April 21, 2004	<0.5	<0.5	<0.5	**0.75**	<0.5	<0.5	<0.5
July 22, 2004	<0.5	<0.5	<0.5	**0.78**	<0.5	<0.5	<0.5
October 21, 2004	<0.5	<0.5	<0.5	**0.63**	<0.5	<0.5	<0.5
January 31, 2005	<0.5	<0.5	<0.5	**0.67**	<0.5	<0.5	<0.5
April 20, 2005	<0.5	<0.5	<0.5	**0.75**	<0.5	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	**0.65**	<0.5	<0.5	<0.5
October 20, 2005	<0.5	<0.5	<0.5	**0.60**	<0.5	<0.5	<0.5
January 11, 2006	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5	<0.5
April 12, 2006	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

July 14, 2006	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5
October 19, 2006	<0.5	<0.5	<0.5	**0.64**	<0.5	<0.5	<0.5
January 11, 2007	<0.5	<0.5	<0.5	**0.51**	<0.5	<0.5	<0.5
April 23, 2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 19, 2007	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5	<0.5
October 17, 2007	<0.5	<0.5	<0.5	**0.59**	<0.5	<0.5	<0.5
January 8, 2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 16, 2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 16, 2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 30, 2008	<0.5	<0.5	<0.5	**0.58**	<0.5	<0.5	<0.5
January 22, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 14, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 22, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 15, 2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 14, 2010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 14, 2010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 28, 2010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
November 15, 2010	<1	<1	<1	<1	<1	<1	<1
April 15, 2011	<1	<1	<1	<1	<1	<1	<1
August 10, 2011	<1	<1	<1	<1	<1	<1	<1
November 1, 2011	<1	<1	<1	<1	<1	<1	<1
January 25, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 17, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 16, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 22, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 10, 2017	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 17, 2019	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 11, 2023	<1	<1	<1	<1	<1	<1	<1

MW-51D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
April 23, 1998	<0.5	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

June 23, 1998	<5	<5	<5	<5	<5	<5	<5
August 20, 1998	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5
October 22, 1998	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5
December 15, 1998	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5
February 25, 1999	<0.5	<0.5	<0.5	<0.5	**1.9**	<0.5	<0.5
April 22, 1999	<0.5	<0.5	<0.5	**0.54**	**2.8**	<0.5	<0.5
June 22, 1999	<1	<1	<1	<1	**2.4**	<1	<1
August 26, 1999	<0.5	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5
October 26, 1999	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5
December 20, 1999	<0.5	<0.5	<0.5	<0.5	**1.2**	<0.5	<0.5
February 22, 2000	<0.5	<0.5	<0.5	<0.5	**2.4**	<0.5	<0.5
April 26, 2000	<0.5	<0.5	<0.5	<0.5	**1.8**	<0.5	<0.5
June 22, 2000	<0.5	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5
August 30, 2000	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5
October 24, 2000	<0.5	<0.5	<0.5	<0.5	**2.6**	<0.5	<0.5
December 13, 2000	<0.5	<0.5	<0.5	<0.5	**2.4**	<0.5	<0.5
February 26, 2002	<0.5	<0.5	<0.5	<0.5	**4.9**	<0.5	<0.5
April 16, 2002	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5
June 19, 2002	<0.5	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5
August 15, 2002	<0.5	<0.5	<0.5	<0.5	**3.7**	<0.5	<0.5
October 16, 2002	<0.5	<0.5	<0.5	<0.5	**4.2**	<0.5	<0.5
December 18, 2002	<0.5	<0.5	<0.5	<0.5	**3.7**	<0.5	<0.5
February 27, 2003	**0.54**	<0.5	<0.5	<0.5	**5.3**	<0.5	<0.5
April 23, 2003	**0.54**	<0.5	<0.5	<0.5	**5.5**	<0.5	<0.5
June 25, 2003	<0.5	<0.5	<0.5	<0.5	**3.4**	<0.5	<0.5
August 20, 2003	<0.5	<0.5	<0.5	<0.5	**3.3**	<0.5	<0.5
October 14, 2003	**0.61**	<0.5	<0.5	<0.5	**4.8**	<0.5	<0.5
December 22, 2003	<0.5	<0.5	<0.5	<0.5	**3.0**	<0.5	<0.5
February 24, 2004	<0.5	<0.5	<0.5	<0.5	**3.0**	<0.5	<0.5
April 21, 2004	<0.5	<0.5	<0.5	<0.5	**3.4**	<0.5	<0.5
July 22, 2004	<0.5	<0.5	<0.5	<0.5	**2.8**	<0.5	<0.5
October 21, 2004	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5
January 31, 2005	<0.5	<0.5	<0.5	<0.5	**3.2**	<0.5	<0.5
April 20, 2005	**0.52**	<0.5	<0.5	<0.5	**4.2**	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	<0.5	**3.1**	<0.5	<0.5
October 20, 2005	**0.55**	<0.5	<0.5	<0.5	**2.5**	<0.5	<0.5
January 11, 2006	<0.5	<0.5	<0.5	<0.5	**2.6**	<0.5	<0.5
April 12, 2006	<0.5	<0.5	<0.5	<0.5	**2.9**	<0.5	<0.5
July 14, 2006	<0.5	<0.5	<0.5	<0.5	**3.2**	<0.5	<0.5
October 19, 2006	<0.5	<0.5	<0.5	<0.5	**3.2**	<0.5	<0.5
January 11, 2007	**0.53**	<0.5	<0.5	<0.5	**2.4**	<0.5	<0.5
April 23, 2007	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5
July 19, 2007	<0.5	<0.5	<0.5	<0.5	**2.7**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

October 17, 2007	<0.5	<0.5	<0.5	<0.5	**3.0**	<0.5	<0.5
January 8, 2008	<0.5	**0.58**	<0.5	<0.5	**3.4**	<0.5	<0.5
April 16, 2008	<0.5	<0.5	<0.5	<0.5	**2.3**	<0.5	<0.5
July 16, 2008	**0.51**	**0.55**	<0.5	<0.5	**3.6**	<0.5	<0.5
October 30, 2008	<0.5	<0.5	<0.5	<0.5	**2.8**	<0.5	<0.5
January 22, 2009	<0.5	**0.51**	<0.5	<0.5	**2.4**	<0.5	<0.5
April 14, 2009	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5
July 22, 2009			<0.5	<0.5	**1.9**	<0.5	<0.5
October 15, 2009	<0.5	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5
January 14, 2010	<0.5	**0.64**	<0.5	<0.5	**2.2**	<0.5	<0.5
April 14, 2010	<0.5		<0.5	<0.5	**1.4**	<0.5	<0.5
July 28, 2010	<0.5		<0.5	<0.5	**1.7**	<0.5	<0.5
November 15, 2010	<1	<1	<1	<1	<1	<1	<1
April 15, 2011	<1	<1	<1	<1	<1	<1	<1
August 10, 2011	<0.5	<0.5	<0.5	<0.5	**1.30**	<0.5	<0.5
November 1, 2011	<0.5	<0.5	<0.5	<0.5	**0.68**	<0.5	<0.5
January 25, 2012	<0.5	<0.5	<0.5	<0.5	**0.64**	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	<0.5	**0.63**	<0.5	<0.5
July 17, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 16, 2012	<0.5	<0.5	<0.5	<0.5	**0.52**	<0.5	<0.5
January 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2013	<0.5	<0.5	<0.5	<0.5	**0.72**	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	<0.5	**1.9**	<0.5	<0.5
October 22, 2013	**0.61**	**0.67**	<0.5	<0.5	**2.8**	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	<0.5	**1.5**	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	<0.5	**0.62**	<0.5	<0.5
April 10, 2017	<0.5	<0.5	<0.5	<0.5	**1.80**	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	<0.5	**0.87**	<0.5	<0.5
April 17, 2019	**0.58**	<0.5	<0.5	<0.5	**2.4**	<0.5	<0.5
April 14, 2020	**1.00**	**1.1**	<0.5	<0.5	**3.4**	<0.5	<0.5
April 13, 2021	<1	<1	<0.5	<0.5	**1.3**	<0.5	<0.5
April 13, 2022	<1	<1	<0.5	**1.10**	**2.3**	<0.5	<0.5
April 11, 2023	<1	**1.1**	<0.5	<1	**1.8**	<0.5	<0.5

MW-54I	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
April 23, 1998	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5
June 23, 1998	<5	<5	<5	<5	<5	<5	<5
August 20, 1998	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5
October 22, 1998	<0.5	<0.5	<0.5	<0.5	**0.89**	<0.5	<0.5
December 15, 1998	<1	<1	<1	<1	**1.5**	<1	<1

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

February 25, 1999	<0.5	<0.5	<0.5	<0.5	**0.91**	<0.5	<0.5
April 22, 1999	<0.5	<0.5	<0.5	<0.5	**0.89**	<0.5	<0.5
June 22, 1999	<1	<1	<1	<1	<1	<1	<1
August 26, 1999	**0.59**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 26, 1999	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
December 20, 1999	<0.5	<0.5	<0.5	<0.5	**0.50**	<0.5	<0.5
February 22, 2000	<0.5	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5
April 26, 2000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
June 22, 2000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
August 30, 2000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 24, 2000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
December 13, 2000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
February 28, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 25, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
June 20, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
August 21, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 30, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
December 27, 2001	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
February 26, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 16, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
June 19, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
August 15, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 16, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
December 18, 2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
February 27, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 23, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
June 25, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
August 20, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 14, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
December 22, 2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
February 24, 2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 21, 2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 22, 2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 21, 2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 31, 2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 20, 2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 20, 2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 11, 2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 12, 2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 14, 2006	**1.20**	<0.5	<0.5	<0.5	**0.97**	<0.5	<0.5
October 19, 2006	**0.59**	<0.5	<0.5	<0.5	**0.84**	<0.5	<0.5
January 11, 2007	**1.60**	<0.5	<0.5	<0.5	**1.20**	<0.5	<0.5

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

April 23, 2007	**1.70**	<0.5	<0.5	<0.5	**1.30**	<0.5	<0.5
July 19, 2007	**1.70**	<0.5	<0.5	<0.5	**1.30**	<0.5	<0.5
October 17, 2007	**1.60**	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5
January 8, 2008	**1.10**	<0.5	<0.5	<0.5	**0.86**	<0.5	<0.5
April 16, 2008	**0.82**	<0.5	<0.5	<0.5	**0.58**	<0.5	<0.5
July 16, 2008	**2.50**	<0.5	<0.5	<0.5	**2.10**	<0.5	<0.5
October 30, 2008	**1.30**	<0.5	<0.5	<0.5	**1.60**	<0.5	<0.5
January 22, 2009	**0.91**	<0.5	<0.5	<0.5	**1.00**	<0.5	<0.5
April 14, 2009	**0.84**	<0.5	<0.5	<0.5	**0.95**	<0.5	<0.5
July 22, 2009	**0.86**	<0.5	<0.5	<0.5	**1.20**	<0.5	<0.5
October 15, 2009	**1.00**	<0.5	<0.5	<0.5	**1.10**	<0.5	<0.5
January 14, 2010	**0.82**	<0.5	<0.5	<0.5	**0.89**	<0.5	<0.5
April 14, 2010	**0.54**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 28, 2010	**0.70**	<0.5	<0.5	<0.5	**0.73**	<0.5	<0.5
November 15, 2010	**1.50**	<1	<1	<1	**1.70**	<1	<1
April 15, 2011	<1	<1	<1	<1	<1	<1	<1
August 10, 2011	**0.60**	**0.59**	<0.5	<0.5	<0.5	<0.5	<0.5
November 1, 2011	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 25, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 11, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 17, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 16, 2012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
January 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
October 22, 2013	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 28, 2014	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 10, 2017	<0.5	<0.5	<0.5	<0.5	**0.56**	<0.5	<0.5
April 23, 2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 17, 2019	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 15, 2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 13, 2021	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 14, 2022	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
April 11, 2023	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

MW-56D	1,1-DCA	1,1-DCE	c-1,2-DCE	PCE	1,1,1-TCA	TCE	Vinyl Chloride
February 15, 1994	**2.4**	**12**	**4.3**	**27**	**97**	<2	<2
April 19, 1994	**5.3**	**38**	**9.9**	**47**	**260**	<2	<2
June 22, 1994	**4.9**	**31**	**8.1**	**68**	**190**	<2	<2
August 30, 1994	**2.6**	**17**	**5.8**	**50**	**93**	<2	<2

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

October 20, 1994	**4.0**	**30**	**10**	**46**	**220**	<2	<2
November 15, 1994	**4.6**	**37**	**9.8**	**54**	**210**	<2	<2
December 20, 1994	**2.1**	**12**	**4.9**	**48**	**110**	<2	<2
February 22, 1995	**2.4**	**14**	**6.6**	**37**	**100**	<2	<2
April 19, 1995	**12**	**190**	**33**	**150**	**390**	<2	<2
June 20, 1995	**8.7**	**93**	**23**	**220**	**550**	<2	<2
August 22, 1995	**14**	**150**	**33**	**250**	**1000**	<5	<5
October 17, 1995	**21**	**150**	**41**	**220**	**1100**	<5	<5
December 19, 1995	**7.2**	**65**	**19**	**190**	**420**	<5	<5
February 20, 1996	**6.0**	**57**	**17**	**170**	**320**	<5	<5
April 24, 1996	**5.8**	**34**	**13**	**120**	**240**	<5	<5
June 25, 1996	**6.2**	**50**	**14**	**190**	**310**	<5	<5
August 28, 1996	**9.9**	**90**	**25**	**230**	**470**	<5	<5
October 24, 1996	**11**	**110**	**23**	**210**	**540**	<5	<5
December 24, 1996	**23**	**160**	**34**	**370**	**1100**	<5	<5
February 26, 1997	**34**	**280**	**56**	**500**	**2000**	**8.4**	<5
April 29, 1997	<20	**140**	**26**	**440**	**630**	<20	<20
June 26, 1997	<5	**33**	**7.1**	**190**	**130**	<5	<5
August 20, 1997	<2	**26**	**4.9**	**130**	**86**	<2	<2
October 23, 1997	<2	**26**	**4.5**	**120**	**98**	<2	<2
December 17, 1997	<2	**14**	**2.7**	**82**	**48**	<2	<2
February 25, 1998	<2	**9.1**	<2	**160**	**33**	<2	<2
April 23, 1998	**3.0**	**21**	**2.6**	**72**	**97**	<2	<2
June 23, 1998	**3.8**	**23**	**3.8**	**54**	**100**	<2	<2
August 20, 1998	<1.0	**17**	**2.8**	**53**	**62**	<1.0	<1.0
October 22, 1998	**1.9**	**11**	**2.3**	**44**	**41**	<1.0	<1.0
December 15, 1998	<2	**5.3**	<2	**27**	**20**	<2	<2
February 25, 1999	**2.2**	**11**	**2.3**	**66**	**42**	<1	<1
April 22, 1999	<1	**5.8**	<1	**27**	**21**	<1	<1
June 22, 1999	**1.4**	**7.2**	**1.2**	**29**	**23**	<1	<1
August 26, 1999	<1	**3.9**	<1	**26**	**14**	<1	<1
October 26, 1999	<1	**3.8**	<1	**24**	**14**	<1	<1
December 20, 1999	<1	**3.7**	<1	**22**	**13**	<1	<1
February 22, 2000	<1	**2.2**	<1	**22**	**7.2**	<1	<1
April 26, 2000	<0.5	**3.8**	**0.86**	**18**	**12**	<0.5	<0.5
June 22, 2000	<0.5	**2.3**	**0.59**	**16**	**9.0**	<0.5	<0.5
August 30, 2000	<0.5	**2.2**	<0.5	**20**	**6.8**	<0.5	<0.5
October 24, 2000	**0.75**	**1.5**	**1.1**	**13**	**5.7**	<0.5	<0.5
December 13, 2000	<0.5	**1.8**	<0.5	**10**	**4.8**	<0.5	<0.5
February 28, 2001	<0.5	**0.76**	<0.5	**9.1**	**2.6**	<0.5	<0.5
April 25, 2001	<0.5	**1.2**	<0.5	**12**	**2.8**	<0.5	<0.5
June 20, 2001	<0.5	**1.4**	<0.5	**12**	**3.7**	<0.5	<0.5
August 21, 2001	<0.5	**1.2**	<0.5	**9.3**	**3.5**	<0.5	<0.5

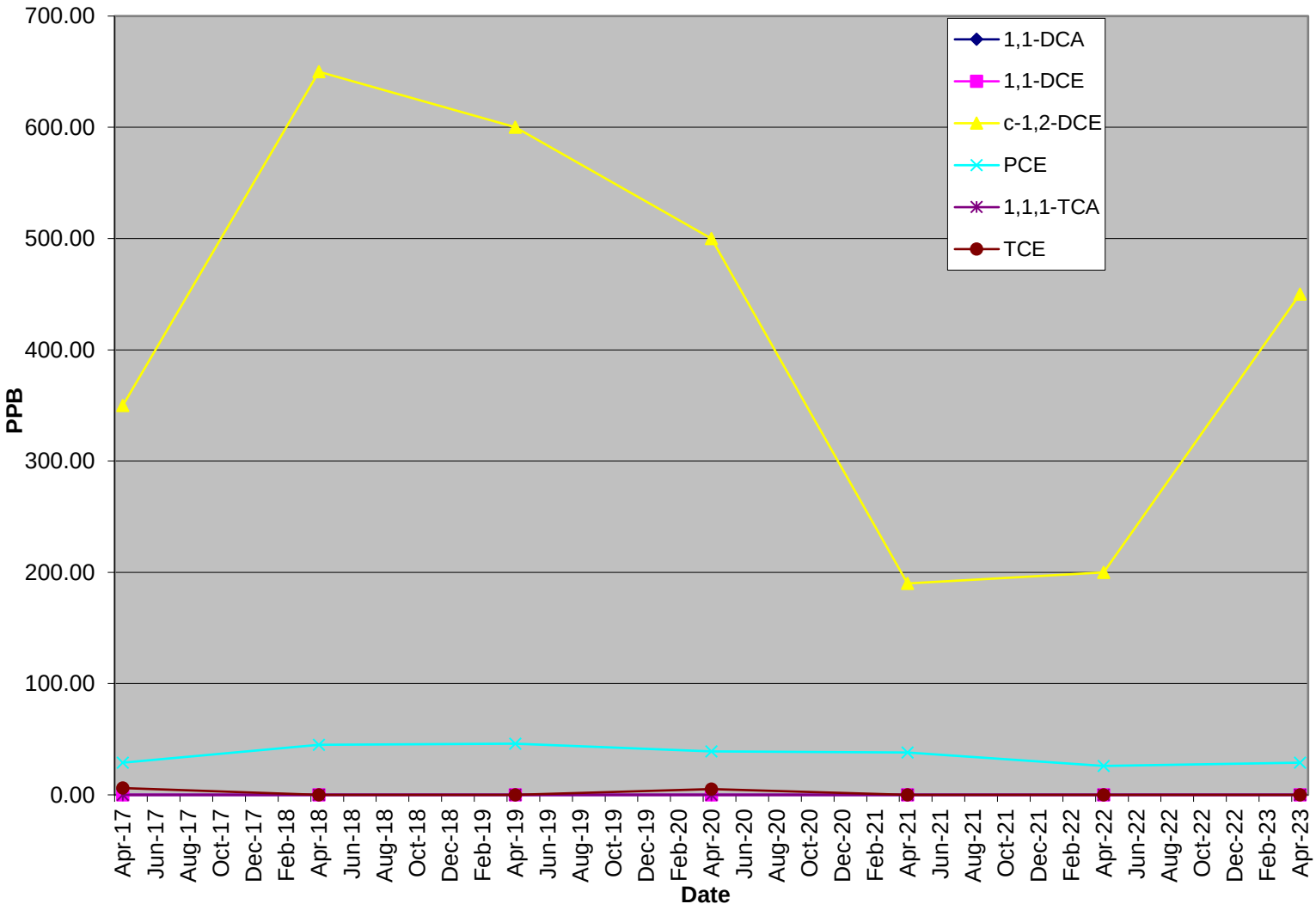
GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY

EARLY WARNING NETWORK SAMPLING

October 30, 2001	<0.5	**2.0**	<0.5	**18**	**5.8**	<0.5	<0.5
December 27, 2001	**0.53**	**2.4**	<0.5	**17**	**6.5**	<0.5	<0.5
February 26, 2002	**0.62**	**2.3**	<0.5	**13**	**7.4**	<0.5	<0.5
April 16, 2002	**0.72**	**2.8**	**0.60**	**20**	**9.3**	<0.5	<0.5
June 19, 2002	<0.5	**0.70**	<0.5	**6.6**	**1.7**	<0.5	<0.5
August 15, 2002		**0.86**		**7.5**	**2.5**	<0.5	<0.5
October 16, 2002		**1.2**		**11**	**3.6**	<0.5	<0.5
December 18, 2002		**0.94**		**5.8**	**3.6**	<0.5	<0.5
February 27, 2003	<0.5	**0.62**	<0.5	**6.3**	**2.2**	<0.5	<0.5
April 23, 2003	<0.5	**0.82**	<0.5	**6.5**	**2.9**	<0.5	<0.5
June 25, 2003	<0.5	**0.57**	<0.5	**6.7**	**1.7**	<0.5	<0.5
August 20, 2003	<0.5	**0.63**	<0.5	**6.2**	**2.1**	<0.5	<0.5
October 14, 2003	<0.5	**0.67**	<0.5	**7.2**	**2.4**	<0.5	<0.5
December 22, 2003	<0.5	**0.96**	<0.5	**6.2**	**2.7**	**3.4**	<0.5
February 24, 2004	<0.5	**0.58**	<0.5	**6.7**	**2.1**	**1.4**	<0.5
April 21, 2004	<0.5	**0.62**	<0.5	**5.1**	**2.2**	<0.5	<0.5
July 22, 2004	<0.5	**0.83**	<0.5	**6.3**	**2.6**	<0.5	<0.5
October 21, 2004	<0.5	<0.5	<0.5	**3.5**	**1.2**	<0.5	<0.5
January 31, 2005	<0.5	**0.78**	<0.5	**3.7**	**1.9**	**4.8**	<0.5
April 20, 2005	<0.5	<0.5	<0.5	**1.7**	**0.70**	<0.5	<0.5
July 21, 2005	<0.5	<0.5	<0.5	**3.3**	**1.2**	<0.5	<0.5
October 20, 2005	<0.5	<0.5	**0.61**	**2.0**	**1.4**	**0.80**	<0.5
January 11, 2006	<0.5	<0.5	**0.51**	**2.8**	**1.8**	**1.5**	<0.5
April 12, 2006	<0.5	<0.5	**0.69**	**4.0**	**2.8**	**1.2**	<0.5
July 14, 2006	<0.5	<0.5	**0.85**	**6.1**	**3.7**		<0.5
October 19, 2006	<0.5	**1.00**	**1.8**	**4.1**	**3.7**	**1.8**	<0.5
January 11, 2007	<0.5	**1.7**	**2.4**	**3.9**	**4.7**	**1.7**	<0.5
April 23, 2007	<0.5	**1.3**	<0.5	**6.7**	**4.7**	**0.94**	<0.5
July 19, 2007	<0.5	**0.52**	**1.6**	**2.6**	**4.2**	<0.5	<0.5
October 17, 2007	**0.84**	**1.60**	**8.9**	<0.5	**4.6**	**1.2**	<0.5
January 8, 2008	<0.5	**0.88**	**2.2**	**2.0**	**3.2**	**1.6**	<0.5
April 16, 2008	<0.5	**1.70**	<0.5	**6.6**	**5.1**	**0.65**	<0.5
July 16, 2008	<0.5	**0.87**	<0.5	**6.0**	**2.9**	<0.5	<0.5
October 30, 2008	<0.5	**0.64**	**2.9**	<0.5	**2.0**	**1.7**	<0.5
January 22, 2009	<0.5	**0.99**	**4.2**	**1.4**	**2.2**	**0.58**	<0.5
April 14, 2009	<0.5	**0.96**	**0.52**	**2.8**	**2.9**	**2.5**	<0.5
July 22, 2009	<0.5	**0.72**	<0.5	**4.1**	**3.0**	**0.82**	<0.5
October 15, 2009	<0.5	**0.77**	**2.9**	**1.7**	**2.7**	**4.1**	<0.5
January 14, 2010	<0.5	**0.93**	**1.8**	**3.3**	**2.7**	**0.73**	<0.5
April 14, 2010	<0.5	**1.1**	**0.84**	**3.2**	**3.3**	**3.0**	<0.5
July 28, 2010	**0.72**	**1.5**	<0.5	**5.9**	**4.7**	**3.4**	<0.5
November 15, 2010	<1	**1.4**	**8.3**	<1	**4.3**	<1	<1
April 15, 2011	**1.6**	**1.00**	**5.5**	<1	**4.4**	<1	<1

GROUNDWATER SAMPLING RESULTS-FORMER MILLER BREWING FACILITY
EARLY WARNING NETWORK SAMPLING

August 10, 2011	**0.92**	**0.60**	**2.9**	**1.2**	**3.0**	**0.62**	<0.5
November 1, 2011	**0.68**	**1.00**	**5.3**	<0.5	**3.0**	<0.5	<0.5
January 25, 2012	**0.53**	**0.65**	**3.1**	**0.52**	**1.5**	**0.54**	<0.5
April 11, 2012	<0.5	**1.1**	**1.2**	**2.0**	**3.0**	**2.9**	<0.5
July 17, 2012	<0.5	**0.56**	**2.7**	**1.4**	**1.4**	**0.62**	<0.5
October 16, 2012	<0.5	**0.51**	**2.0**	**0.82**	**1.1**	**0.90**	<0.5
January 15, 2013	<0.5	<0.5	**1.7**	**0.57**	**0.70**	**0.85**	<0.5
April 15, 2013	**0.56**	<0.5	<0.5	<0.5	**1.30**	<0.5	<0.5
July 23, 2013	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5	<0.5
October 22, 2013	<0.5	<0.5	**1.3**	<0.5	<0.5	**0.78**	<0.5
April 28, 2014	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5
April 16, 2015	<0.5	<0.5	<0.5	**0.78**	<0.5	<0.5	<0.5
April 15, 2016	<0.5	<0.5	<0.5	**0.68**	<0.5	<0.5	<0.5
April 10, 2017	<0.5	<0.5	**1.6**	<0.5	**0.78**	<0.5	<0.5
April 23, 2018	<0.5	<0.5	**1.4**	<0.5	<0.5	<0.5	<0.5
April 17, 2019	**1.7**	<0.5	**1.7**	**1.00**	**0.58**	**1.00**	<0.5
April 14, 2020	<0.5	<0.5	<0.5	**0.77**	<0.5	**0.69**	<0.5
April 13, 2021	<0.5	<0.5	**0.83**	<0.5	<0.5	**0.68**	<0.5
April 13, 2022	<0.5	<0.5	**1.00**	<0.5	<0.5	<1	<0.5
April 11, 2023	1.00	<0.5	**2.00**	<0.5	<0.5	<1	<0.5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500.00
400.00
300.00
200.00
100.00
0.00
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1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Apr-17
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
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Aug-18
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Dec-18
Feb-19
Apr-19
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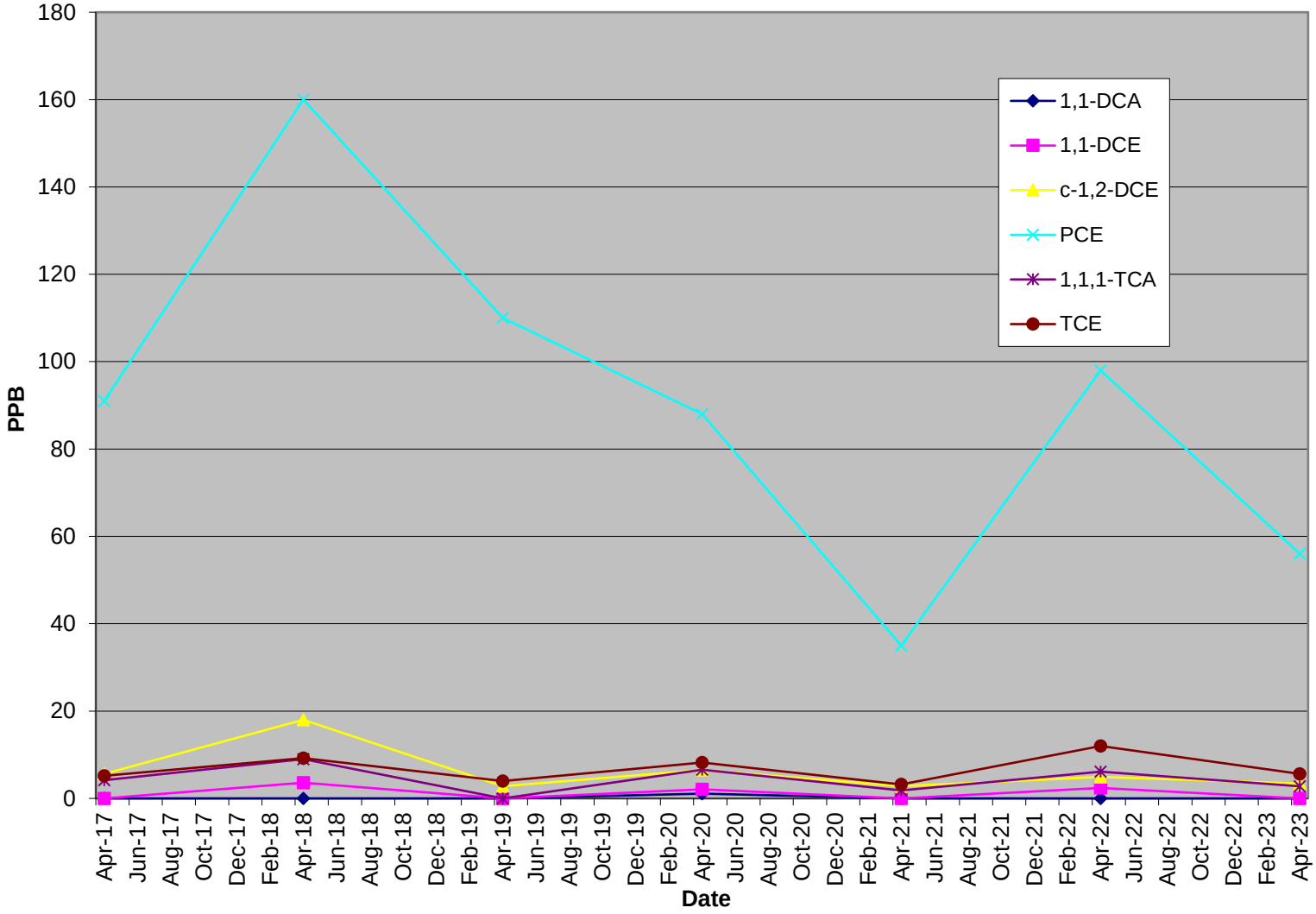
Oct-22
Dec-22
Feb-23
Apr-23
Date

MW-3D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80
60
40
20
0
PPB
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1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Apr-17
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
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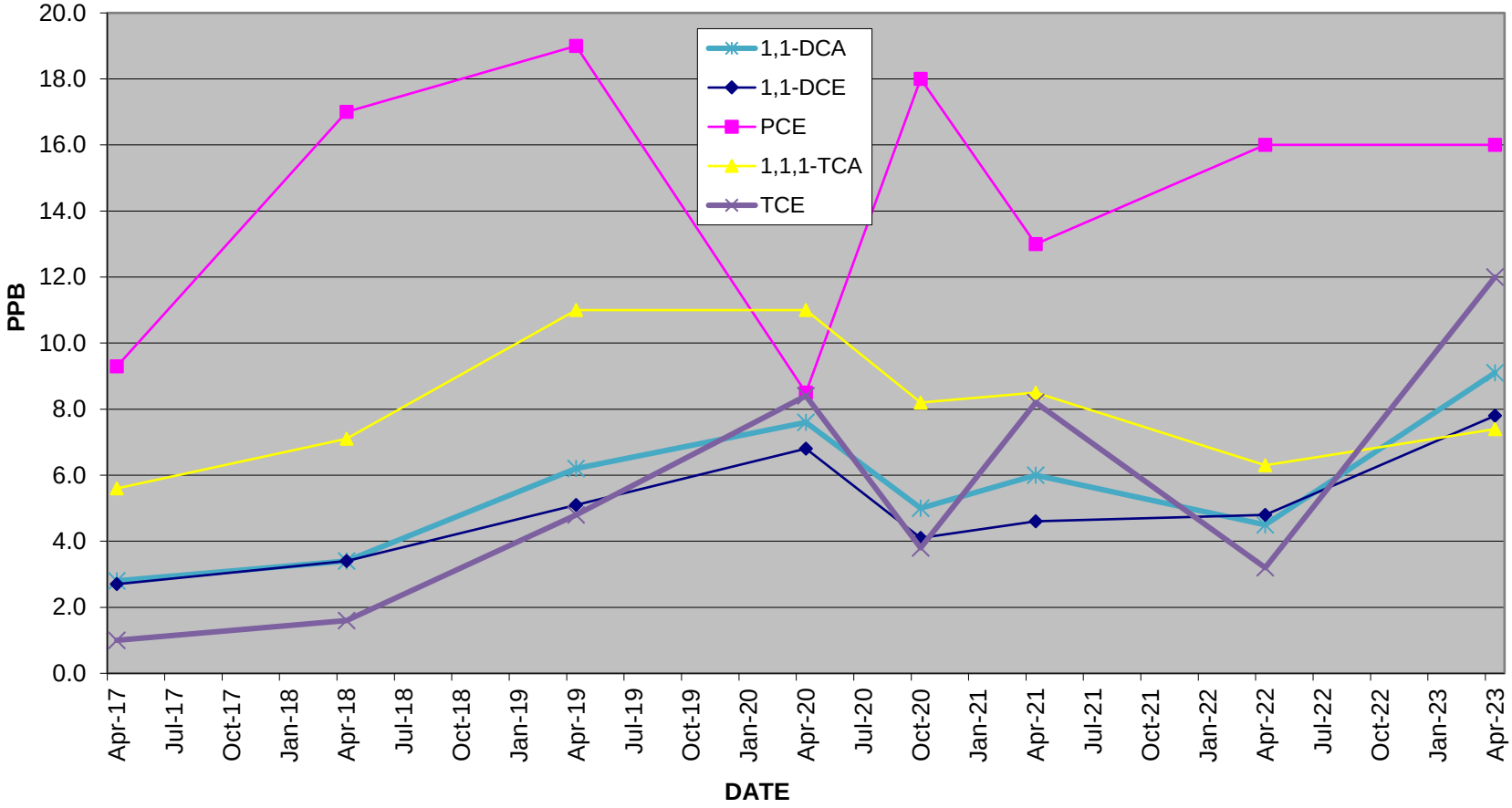
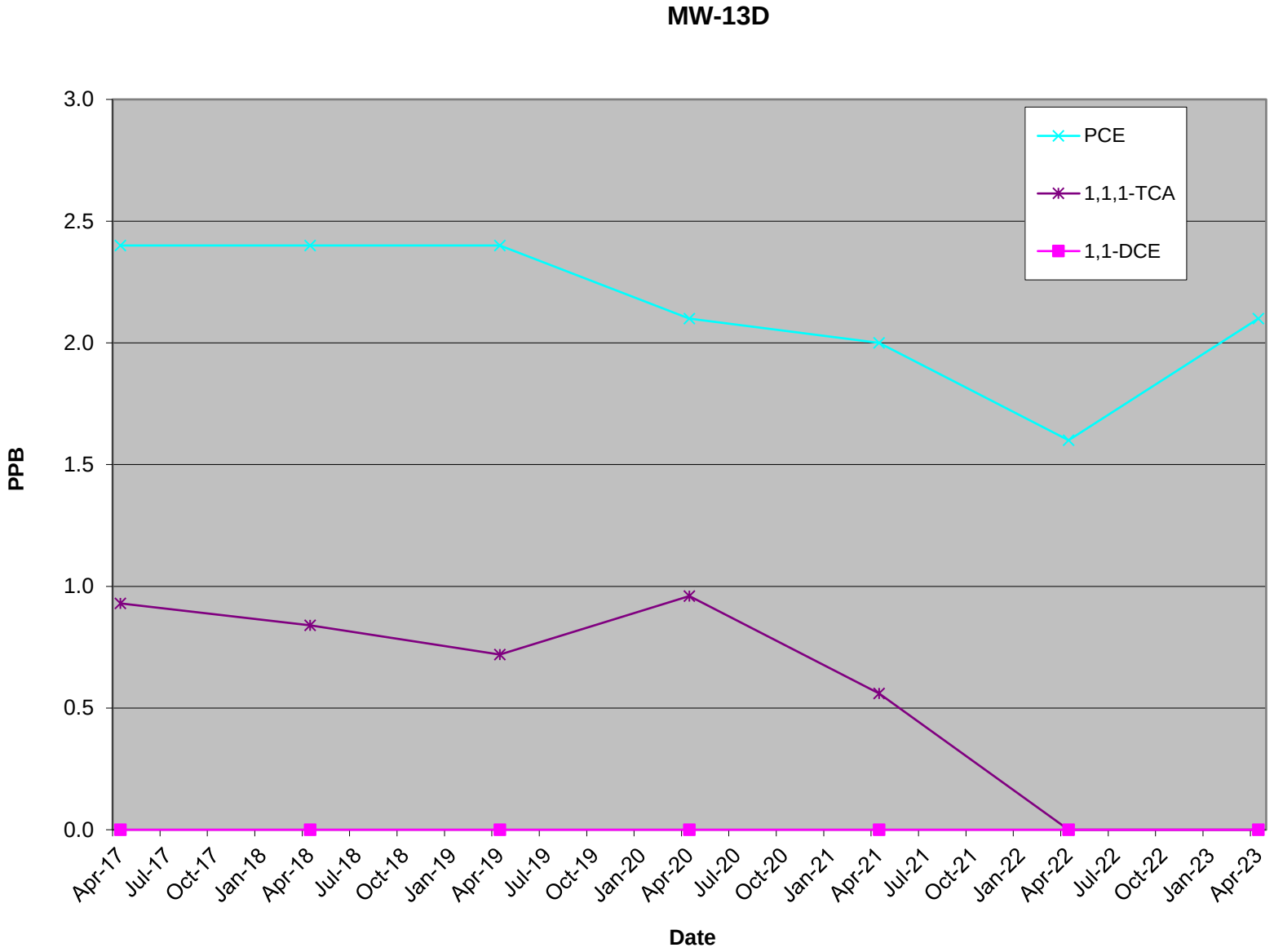
Dec-22
Feb-23
Apr-23
Date

MW-8D
2017-Present

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2.0
1.5
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1,1-DCE
Apr-17
Jul-17
Oct-17
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
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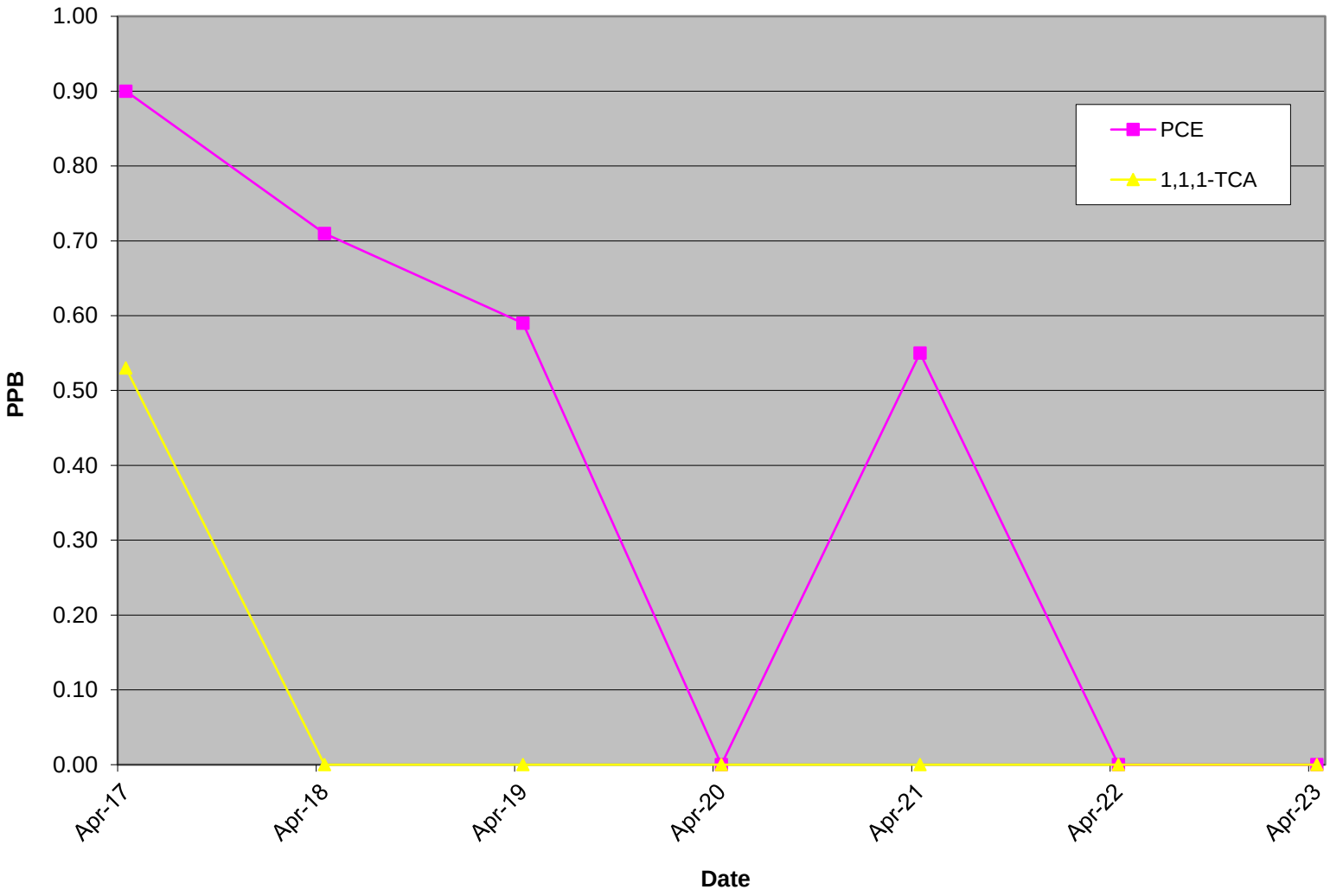
Jan-23
Apr-23
Date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0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
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PCE
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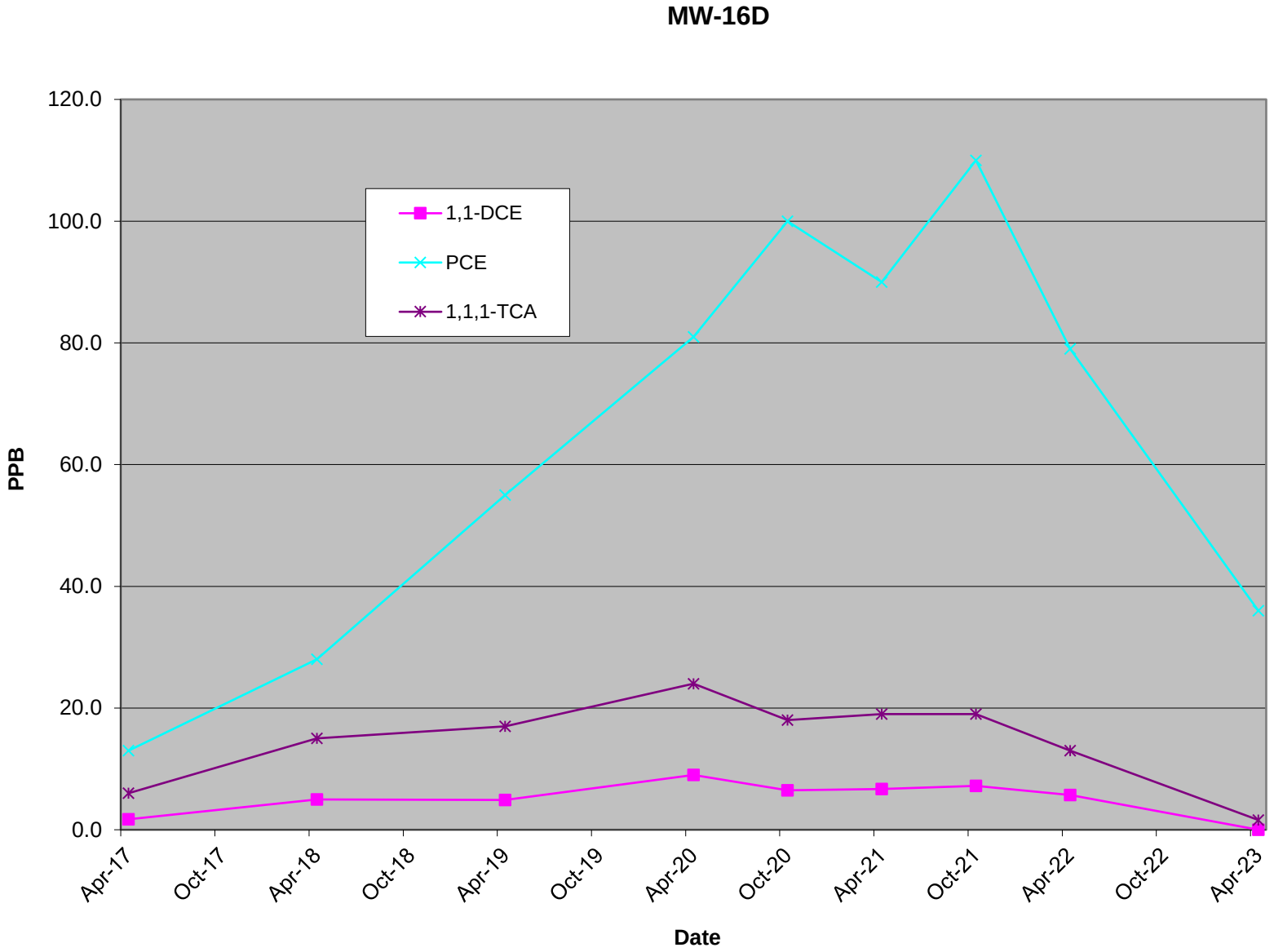
Apr-17
Apr-18
Apr-19
Apr-20
Apr-21
Apr-22
Apr-23
Date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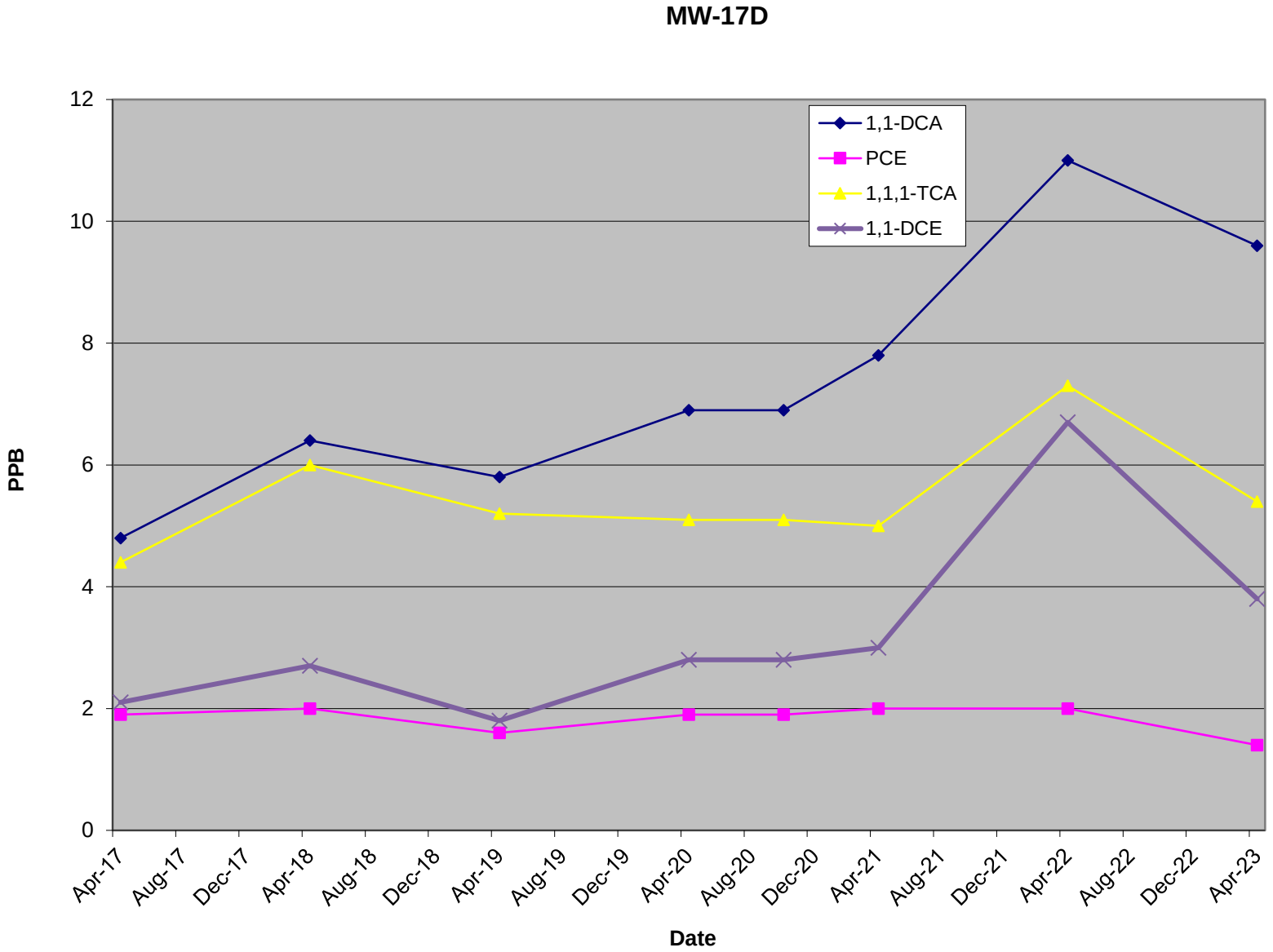
60.0
40.0
20.0
0.0
PPB
1,1-DCE
PCE
1,1,1-TCA
Apr-17
Oct-17
Apr-18
Oct-18
Apr-19
Oct-19
Apr-20
Oct-20
Apr-21
Oct-21
Apr-22
Oct-22
Apr-23
Date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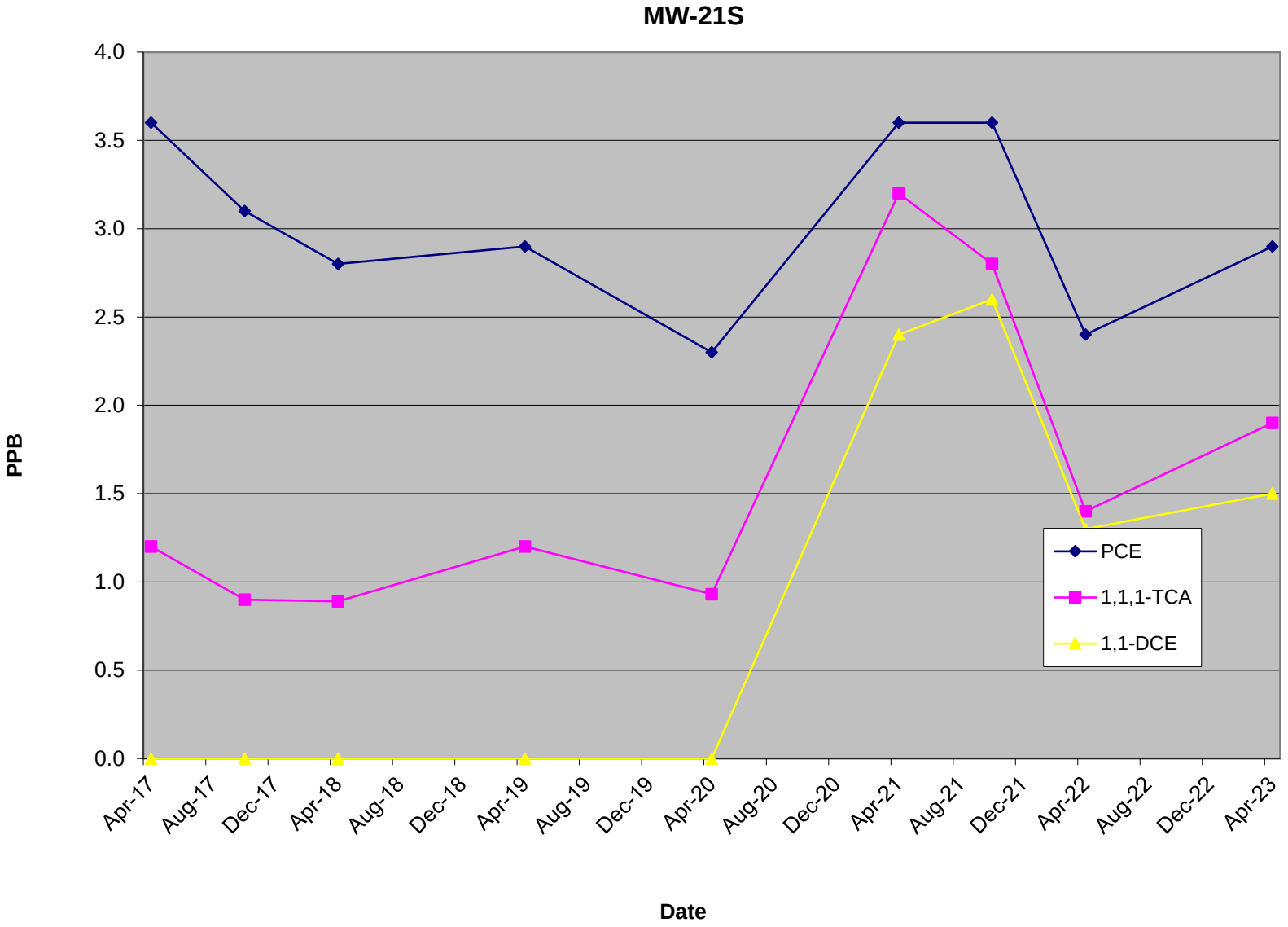
Apr-23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1.5
1.0
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Aug-17
Dec-17
Apr-18
Aug-18
Dec-18
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Aug-19
Dec-19
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Aug-20
Dec-20
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Apr-23
Date
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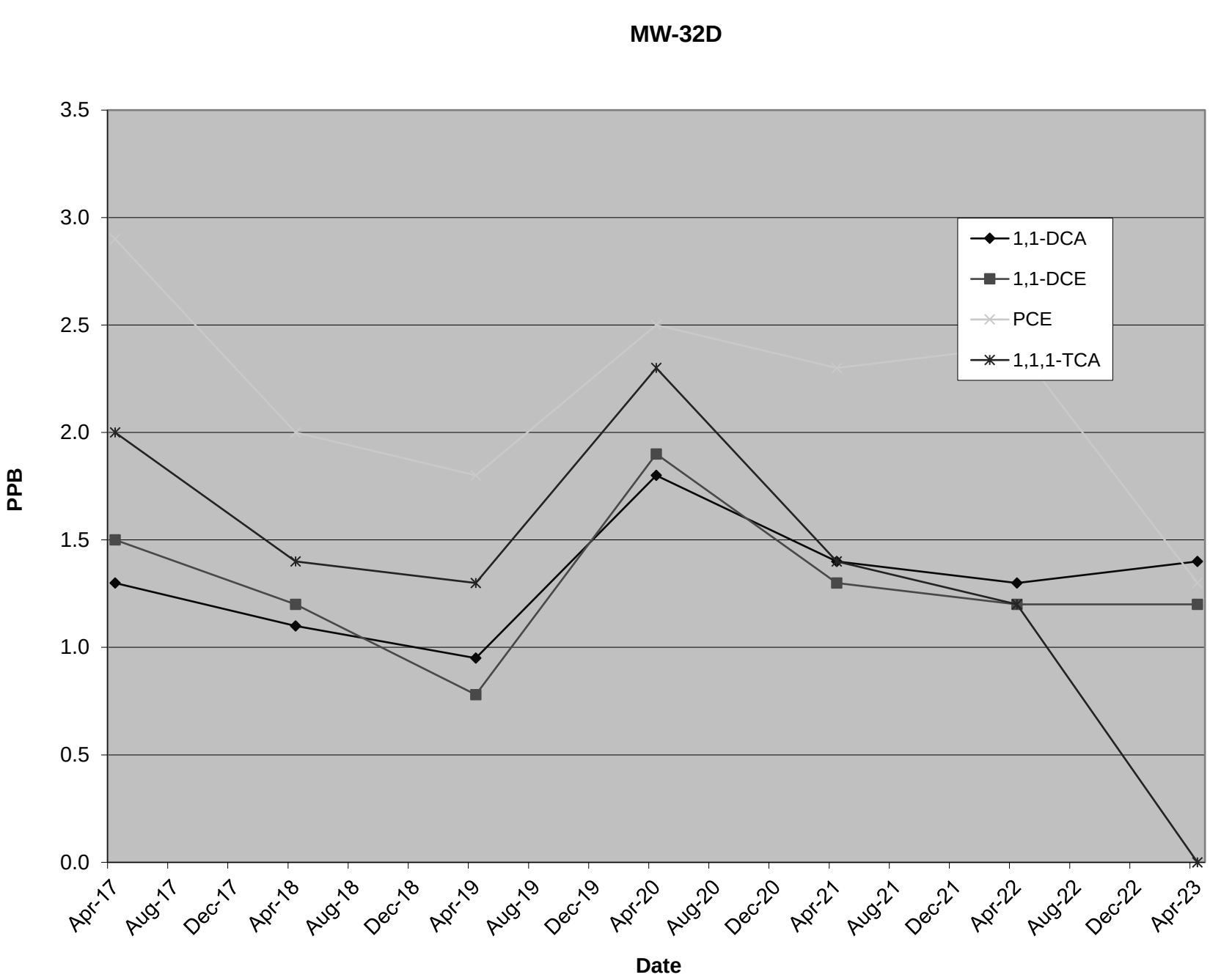
1,1-DCE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1,1-DCE
PCE
1,1,1-TCA
Apr-17
Aug-17
Dec-17
Apr-18
Aug-18
Dec-18
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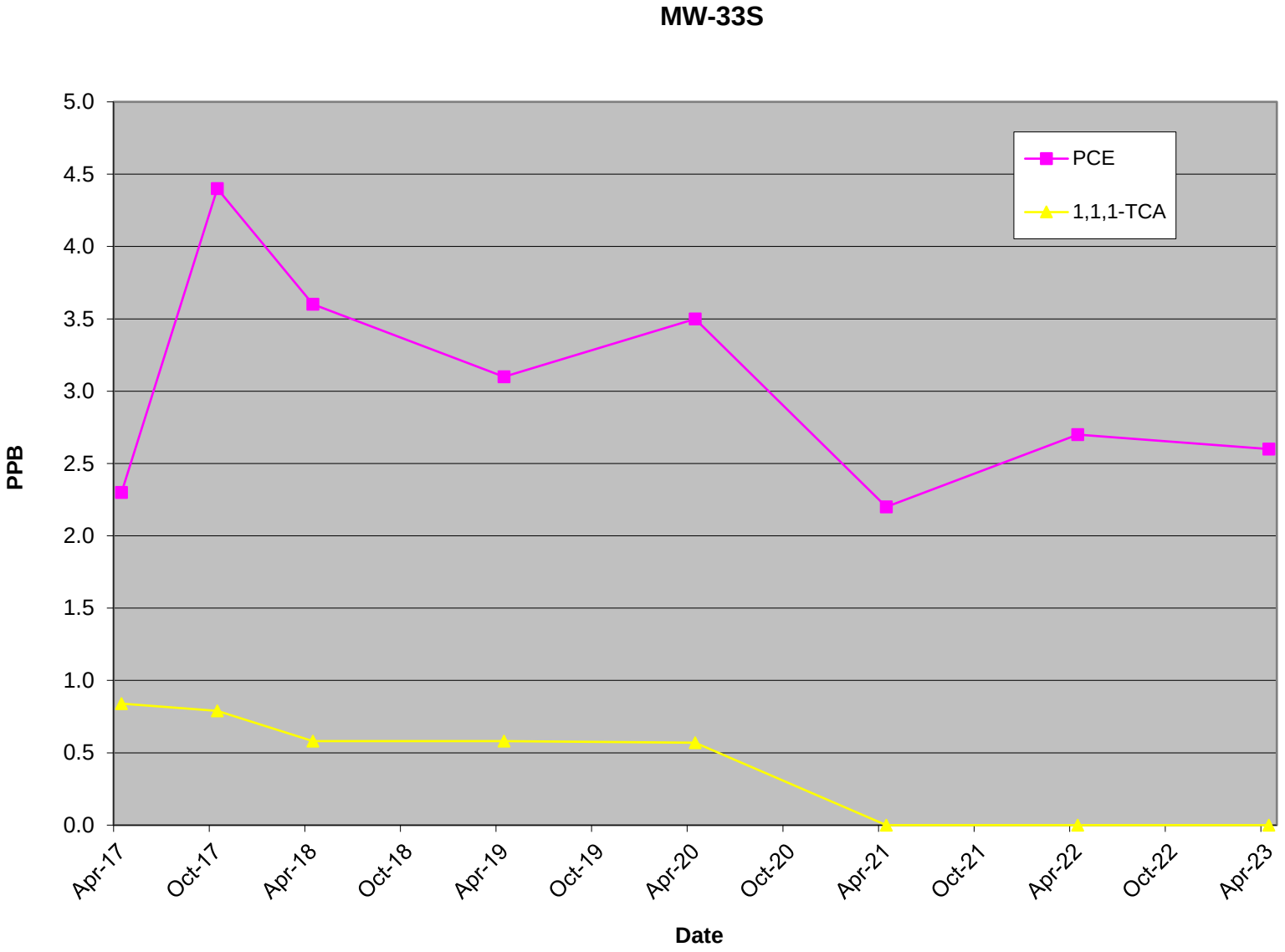
Dec-22
Apr-23
Date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1,1,1-TCA
PPB
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1.5
1.0
0.5
0.0
Apr-17
Oct-17
Apr-18
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Apr-23
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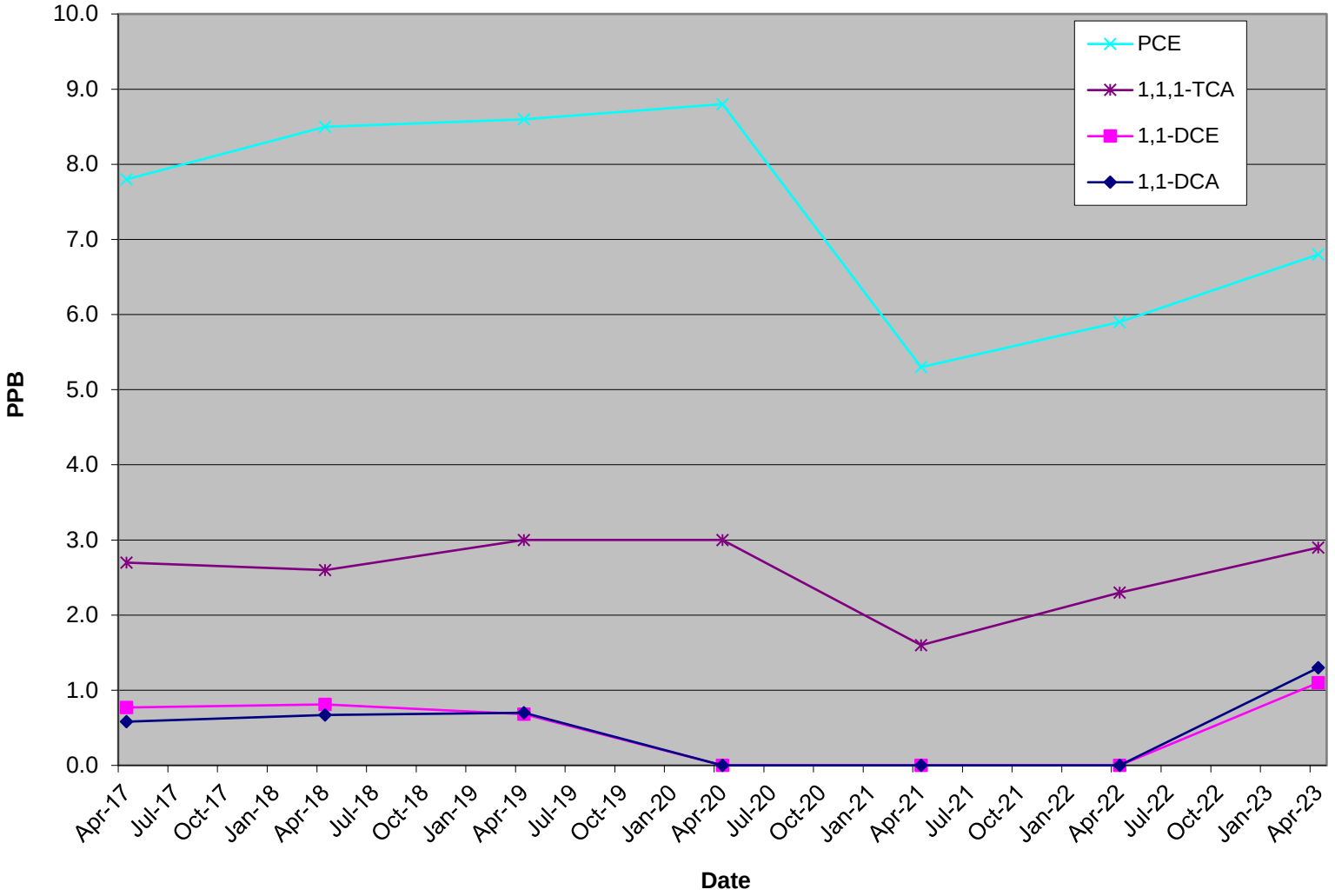
MW-34D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2.0
1.0
0.0
PPB
PCE
1,1,1-TCA
1,1-DCE
1,1-DCA
Apr-17
Jul-17
Oct-17
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
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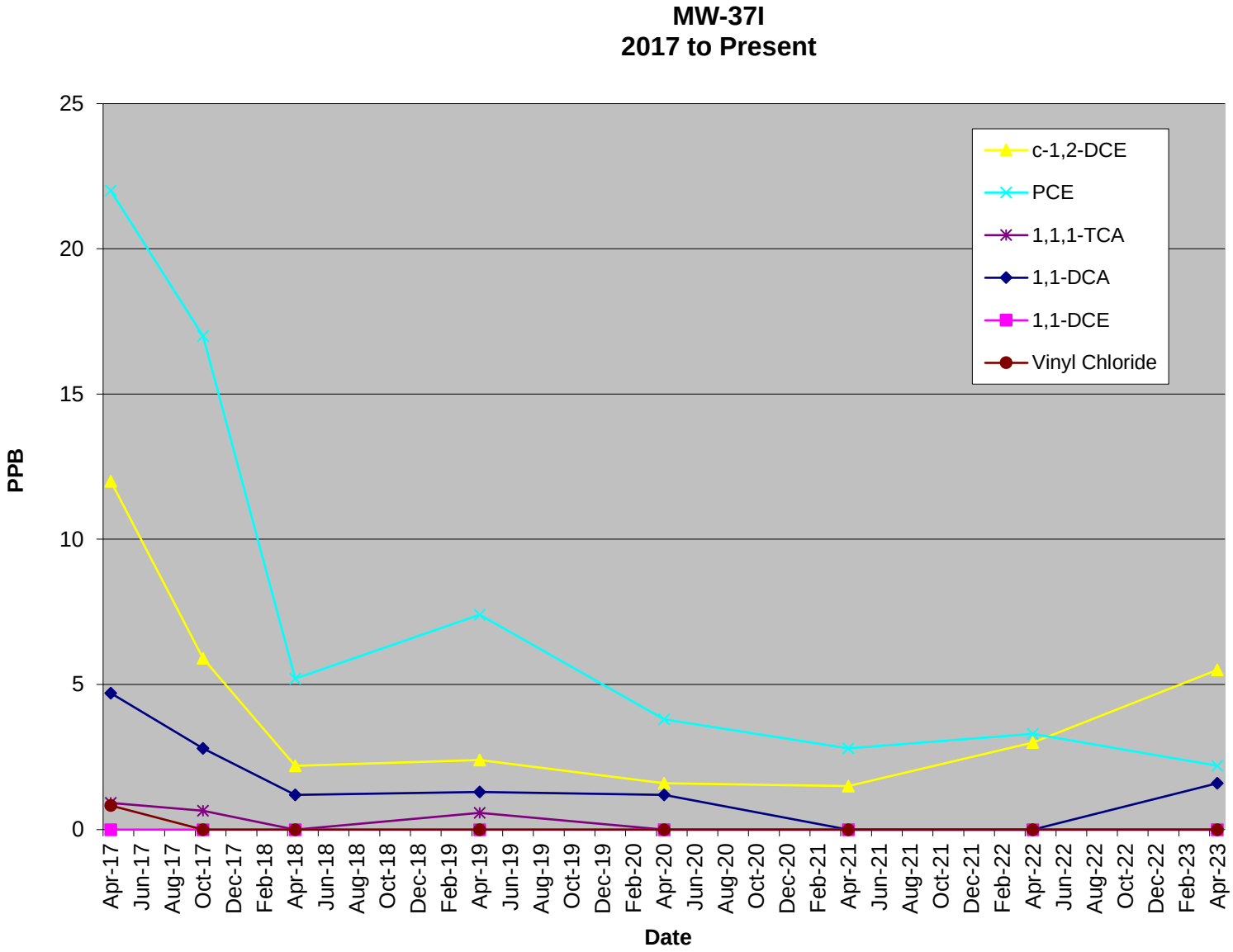
Jan-23
Apr-23
Date


MW-37I
2017 to Present
PPB
25
20
15
10
5
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Apr-17
Jun-17
Aug-17
Oct-17
Dec-17
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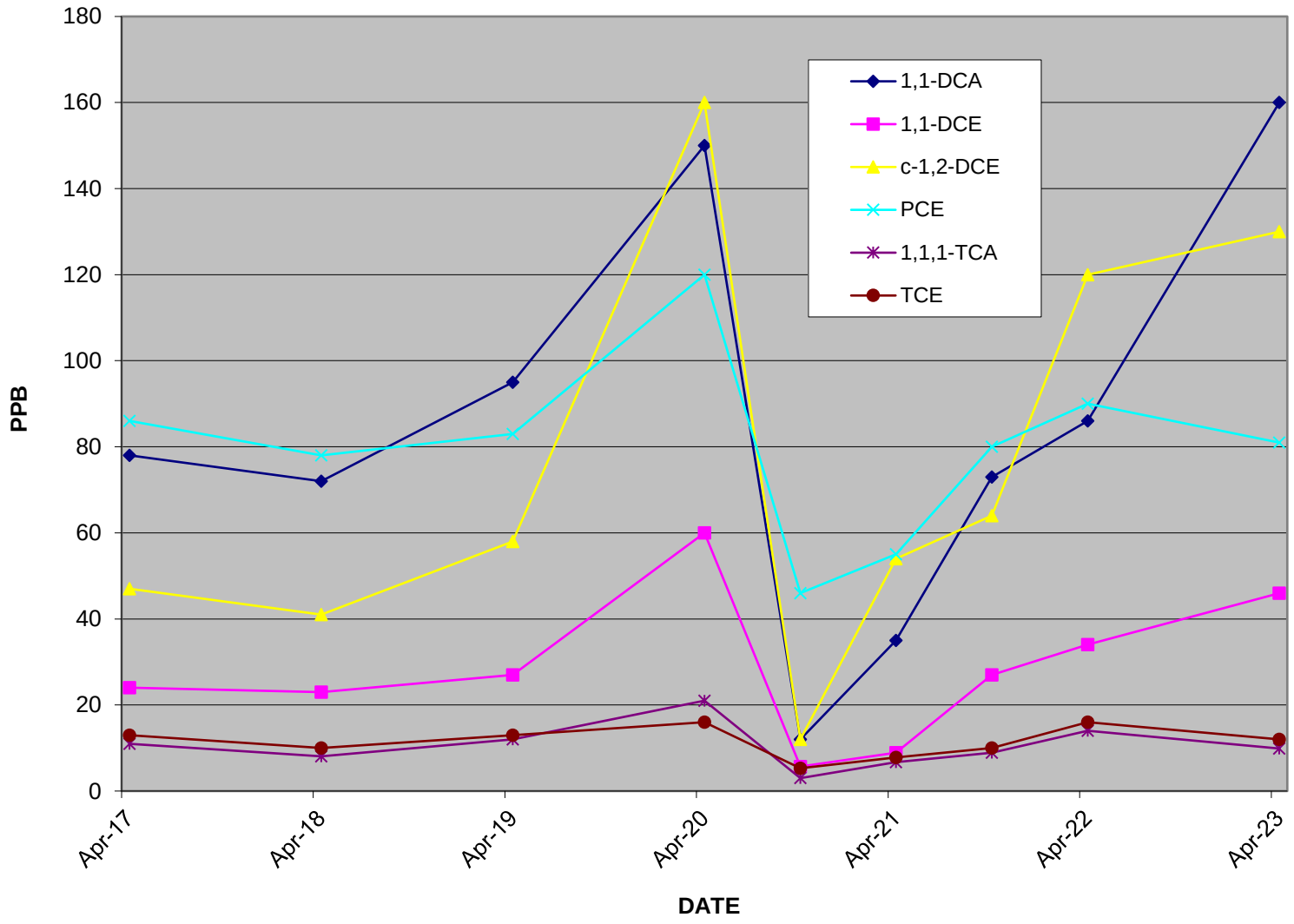
Feb-21
Apr-21
Jun-21
Aug-21
Oct-21
Dec-21
Feb-22
Apr-22
Jun-22
Aug-22
Oct-22
Dec-22
Feb-23
Apr-23
Date
c-1,2-DCE
PCE
1,1,1-TCA
1,1-DCA
1,1-DCE
Vinyl Chloride


MW-38S
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120
100
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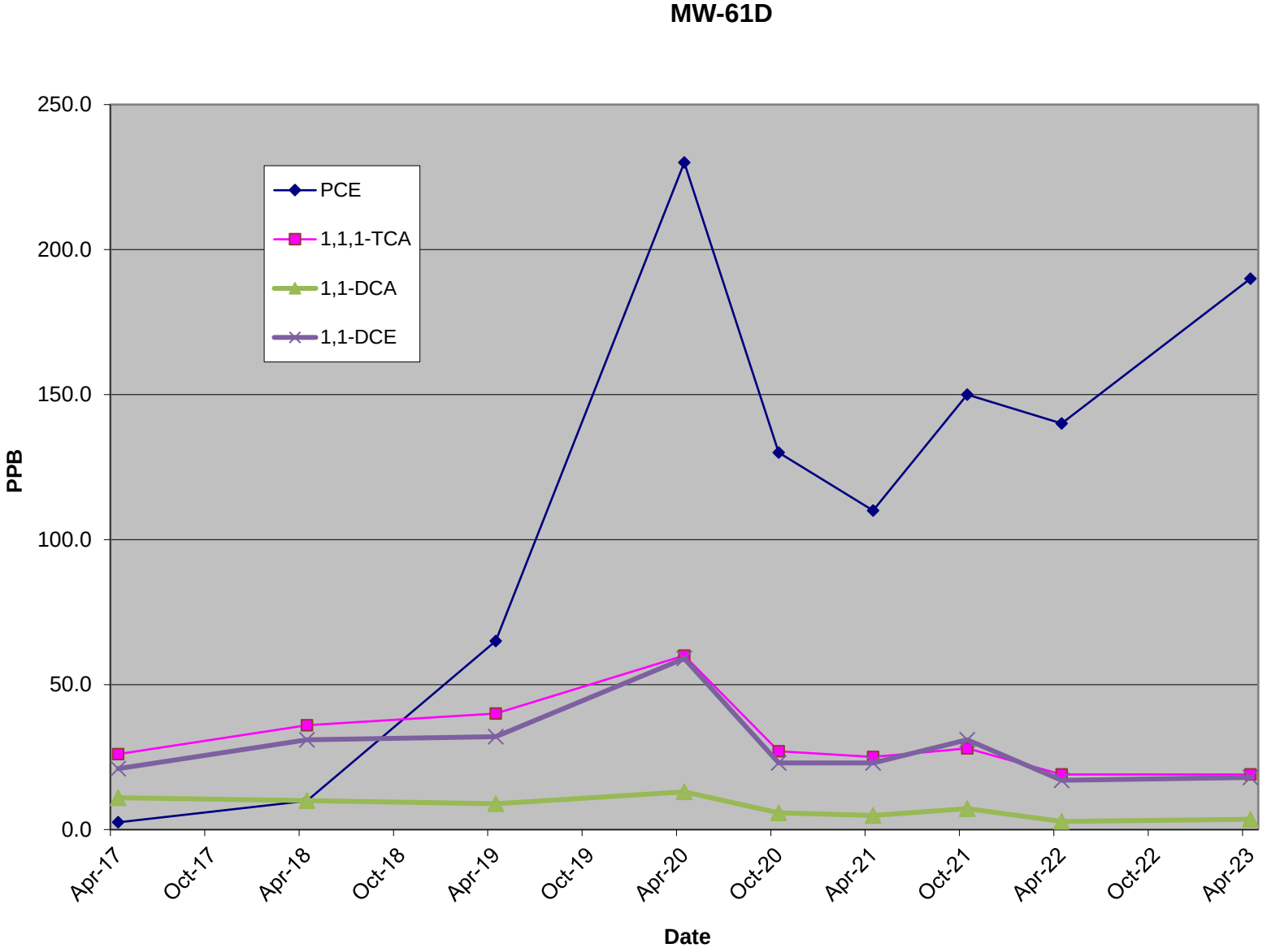
1,1-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Apr-17
Apr-18
Apr-19
Apr-20
Apr-21
Apr-22
Apr-23
DATE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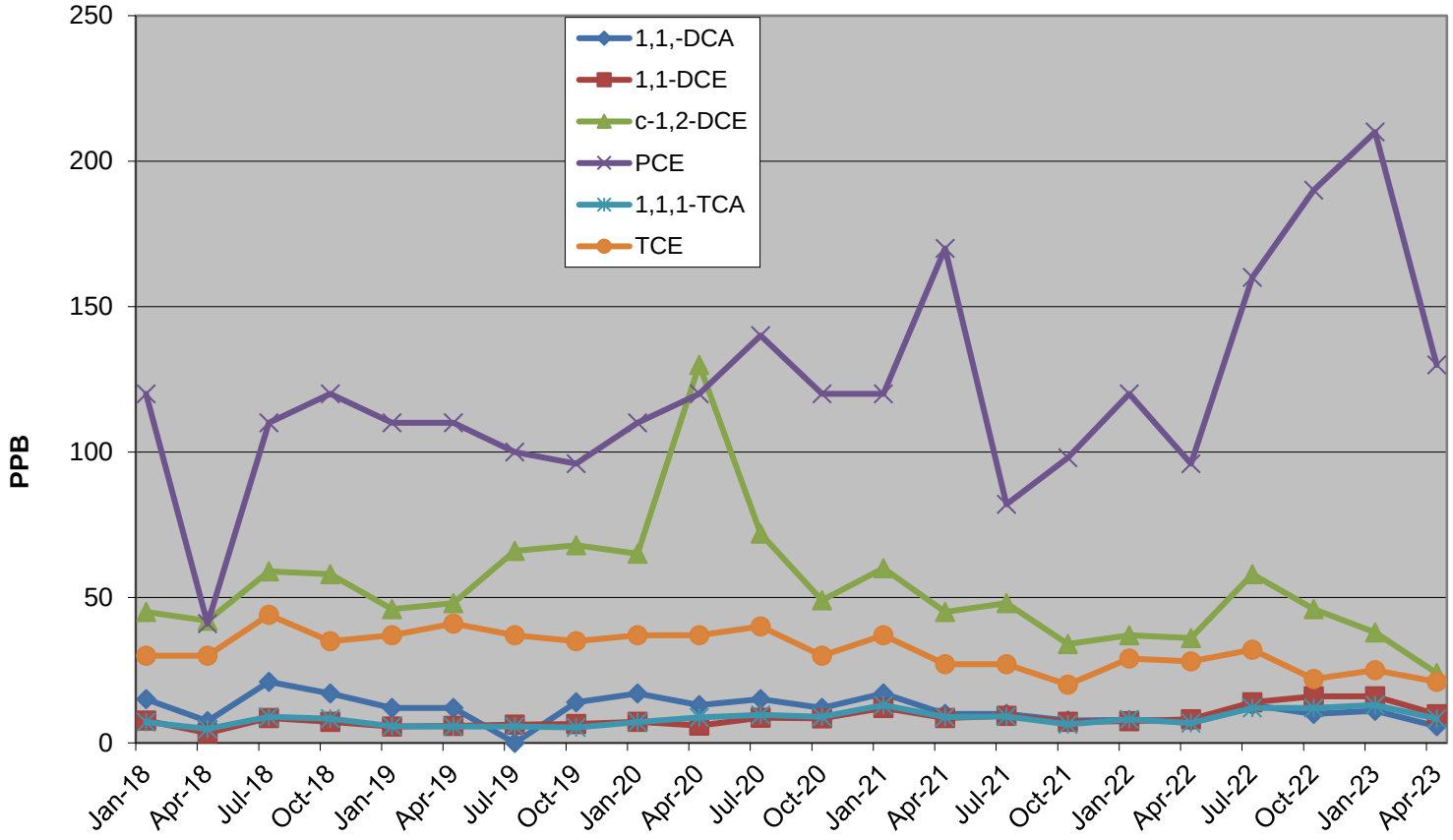
200.0
150.0
100.0
50.0
0.0
PPB
PCE
1,1,1-TCA
1,1-DCA
1,1-DCE
Apr-17
Oct-17
Apr-18
Oct-18
Apr-19
Oct-19
Apr-20
Oct-20
Apr-21
Oct-21
Apr-22
Oct-22
Apr-23
Date

RW-2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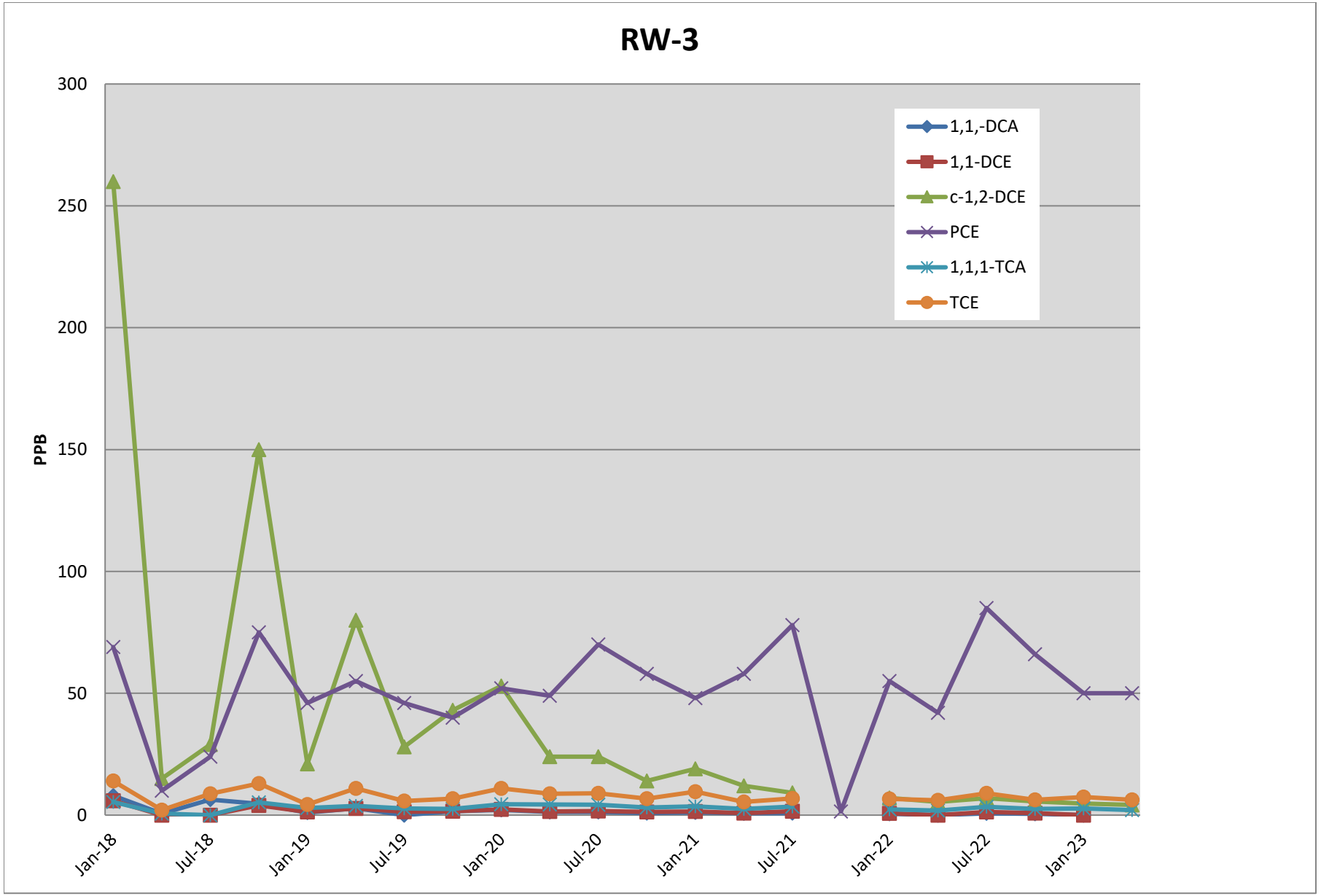
250
200
150
100
50
0
1,1,-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23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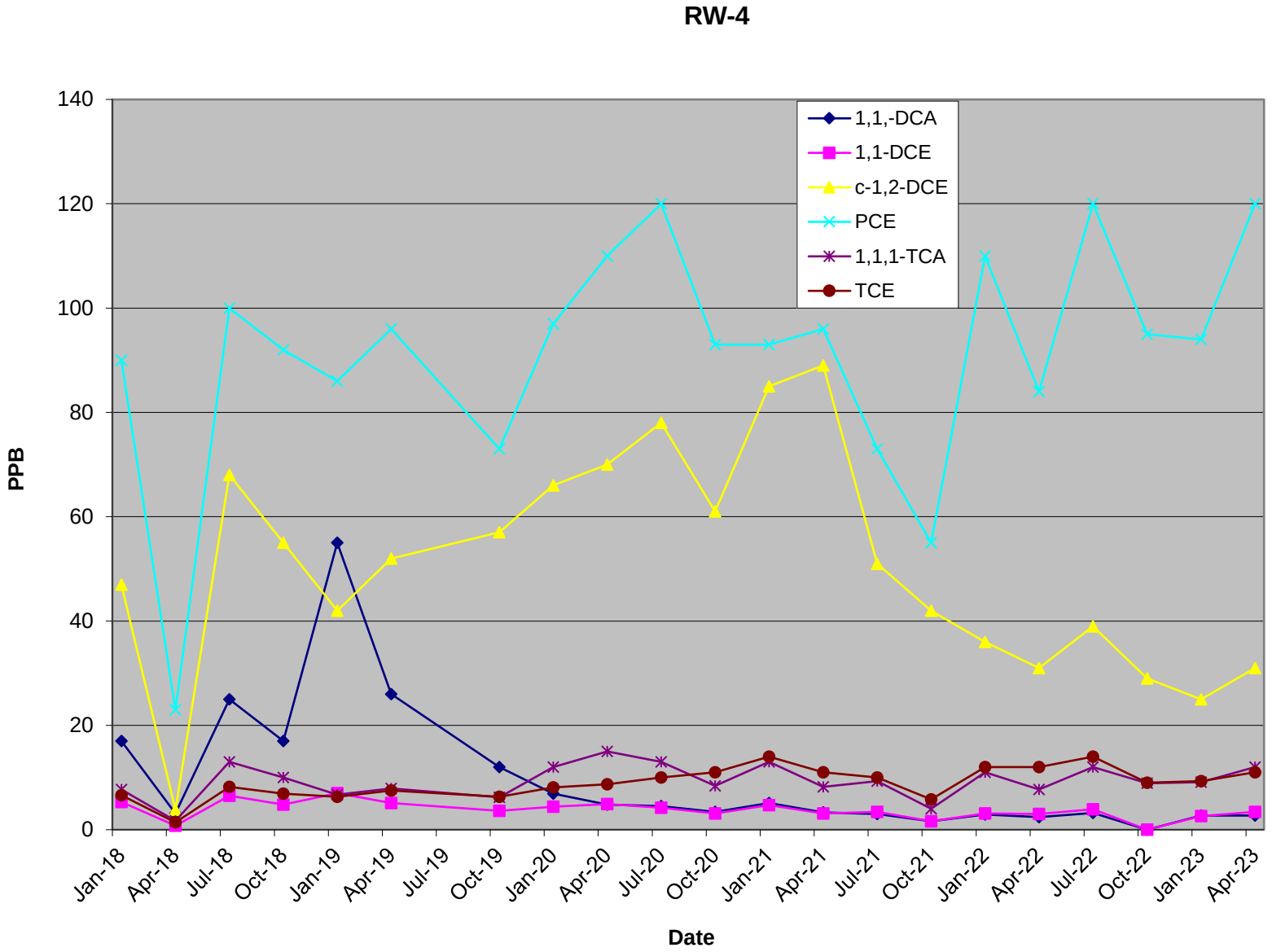
250
200
150
100
50
0
PPB
1,1,-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23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1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
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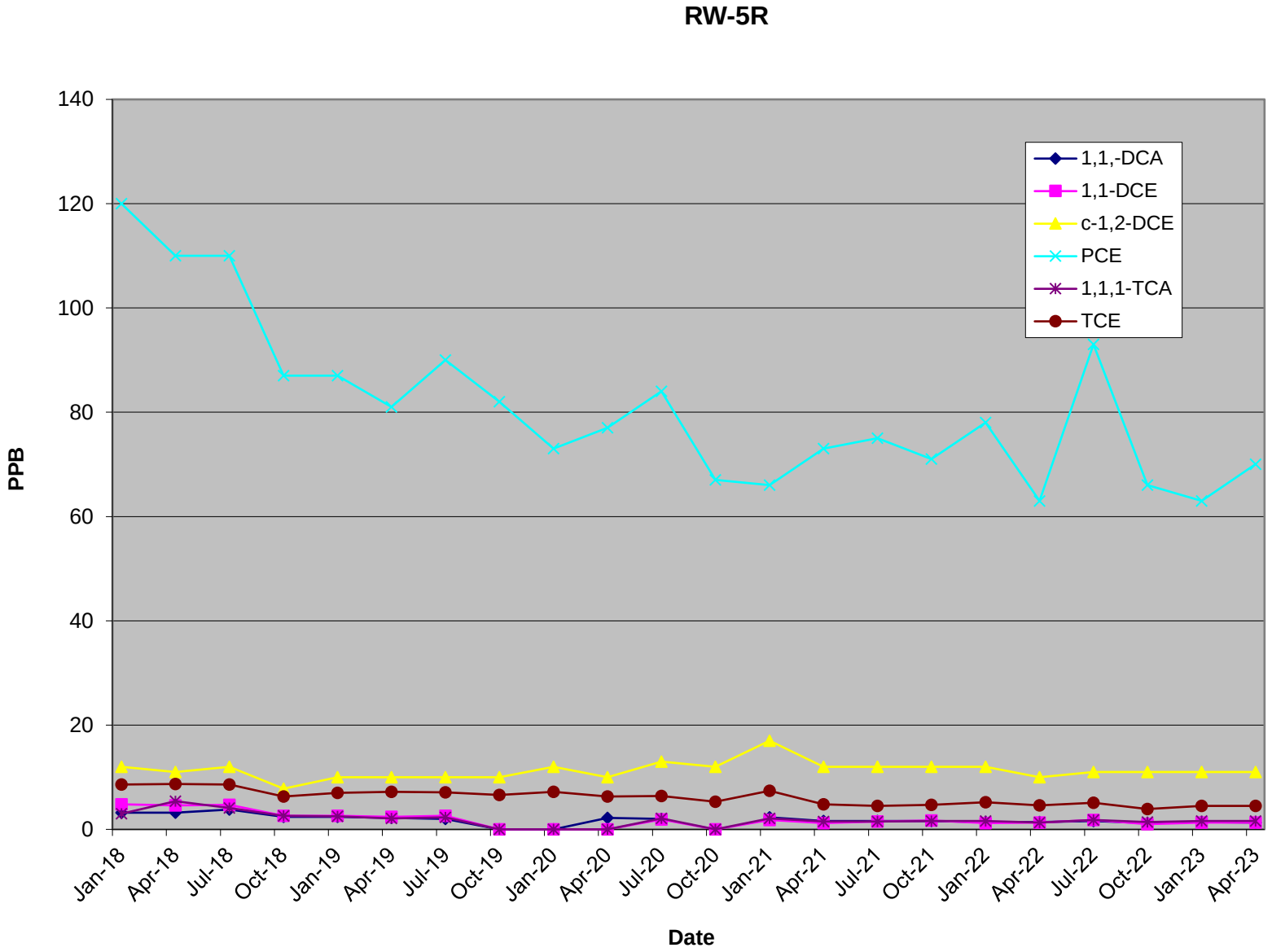
20
40
60
80
100
120
140
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23


RW-5R
PPB
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120
100
80
60
40
20
0
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
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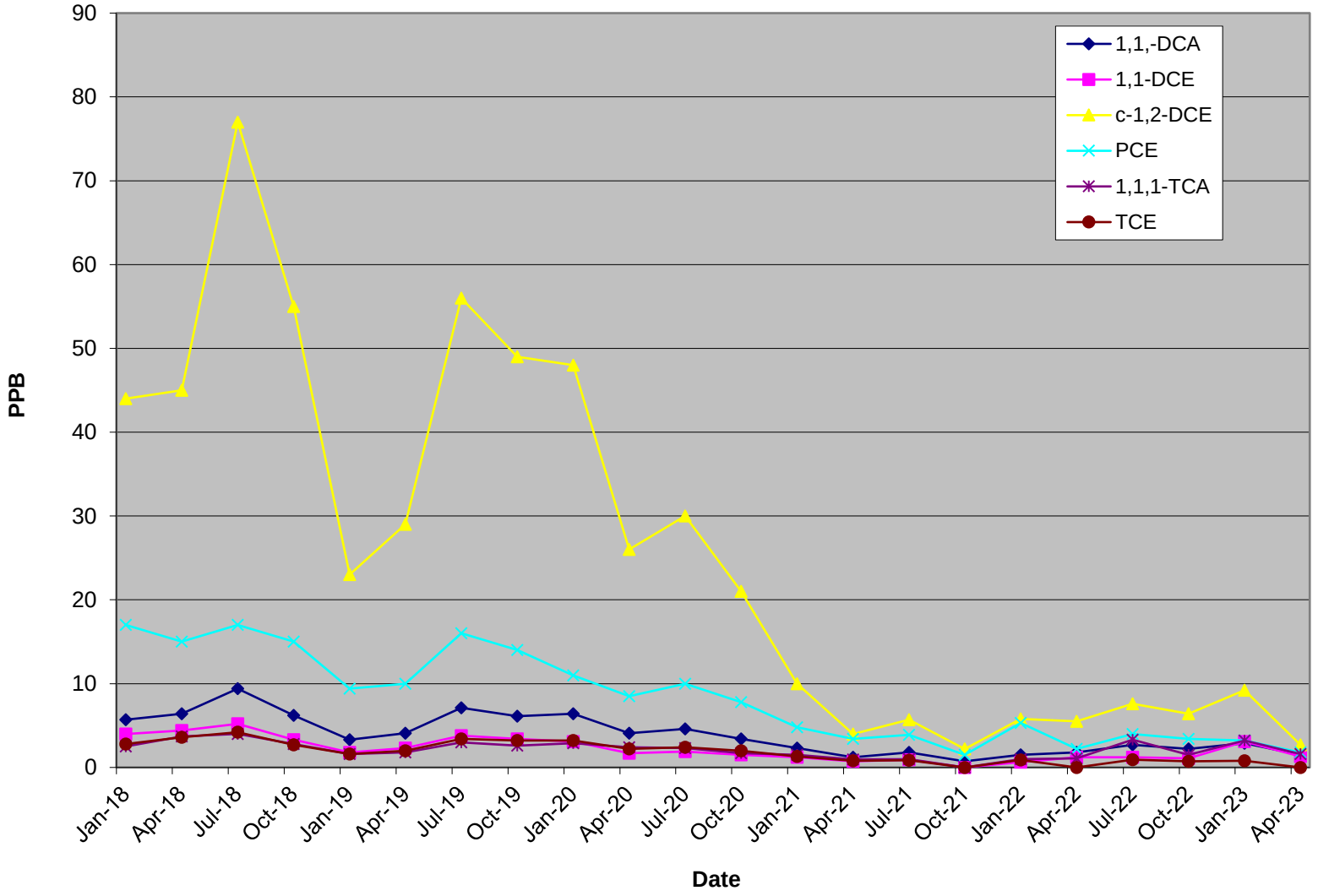
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Date
1,1,-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE

RW-8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80
70
60
50
40
30
20
10
0
PPB
1,1,-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
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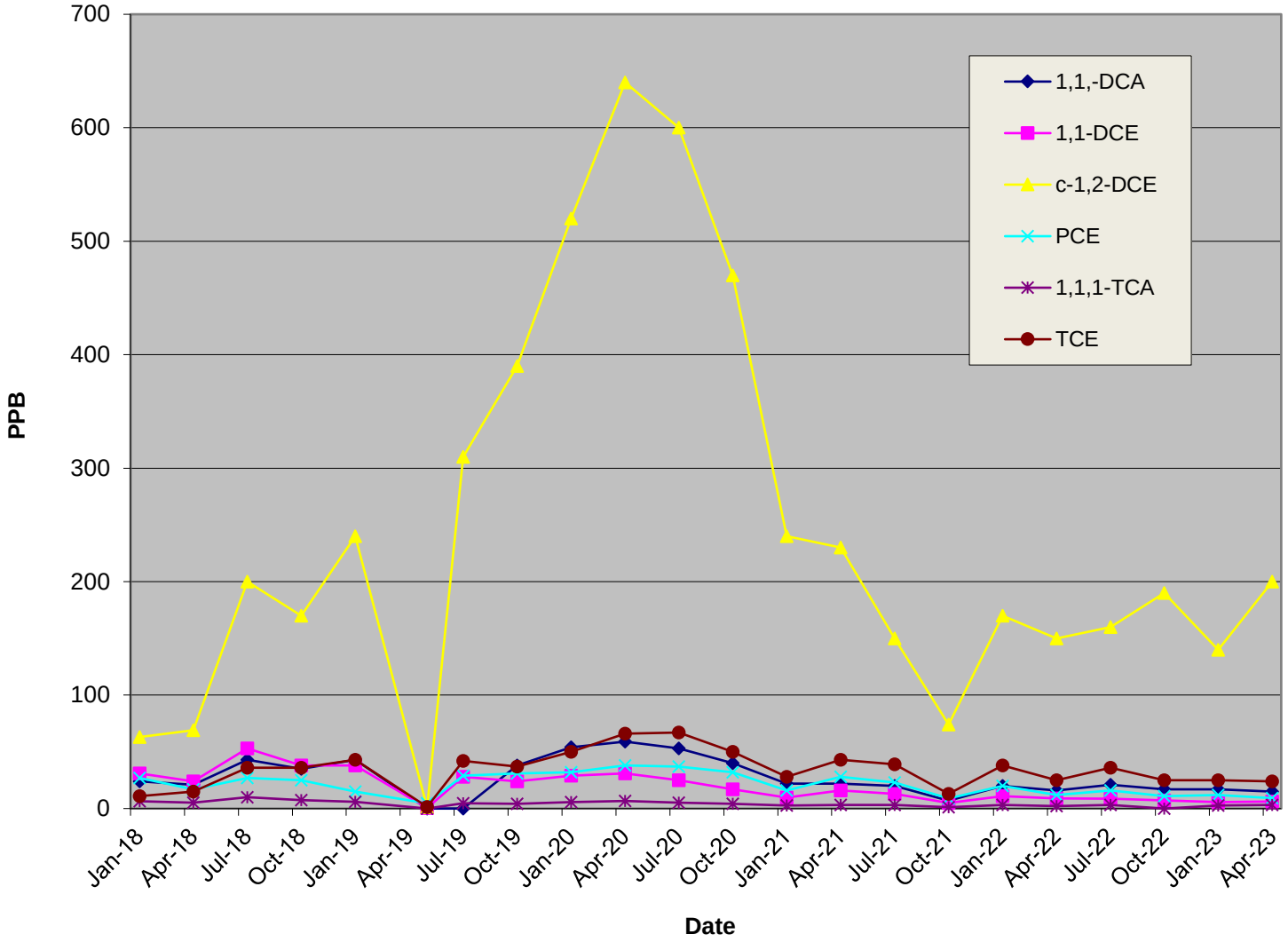
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Date

RW-9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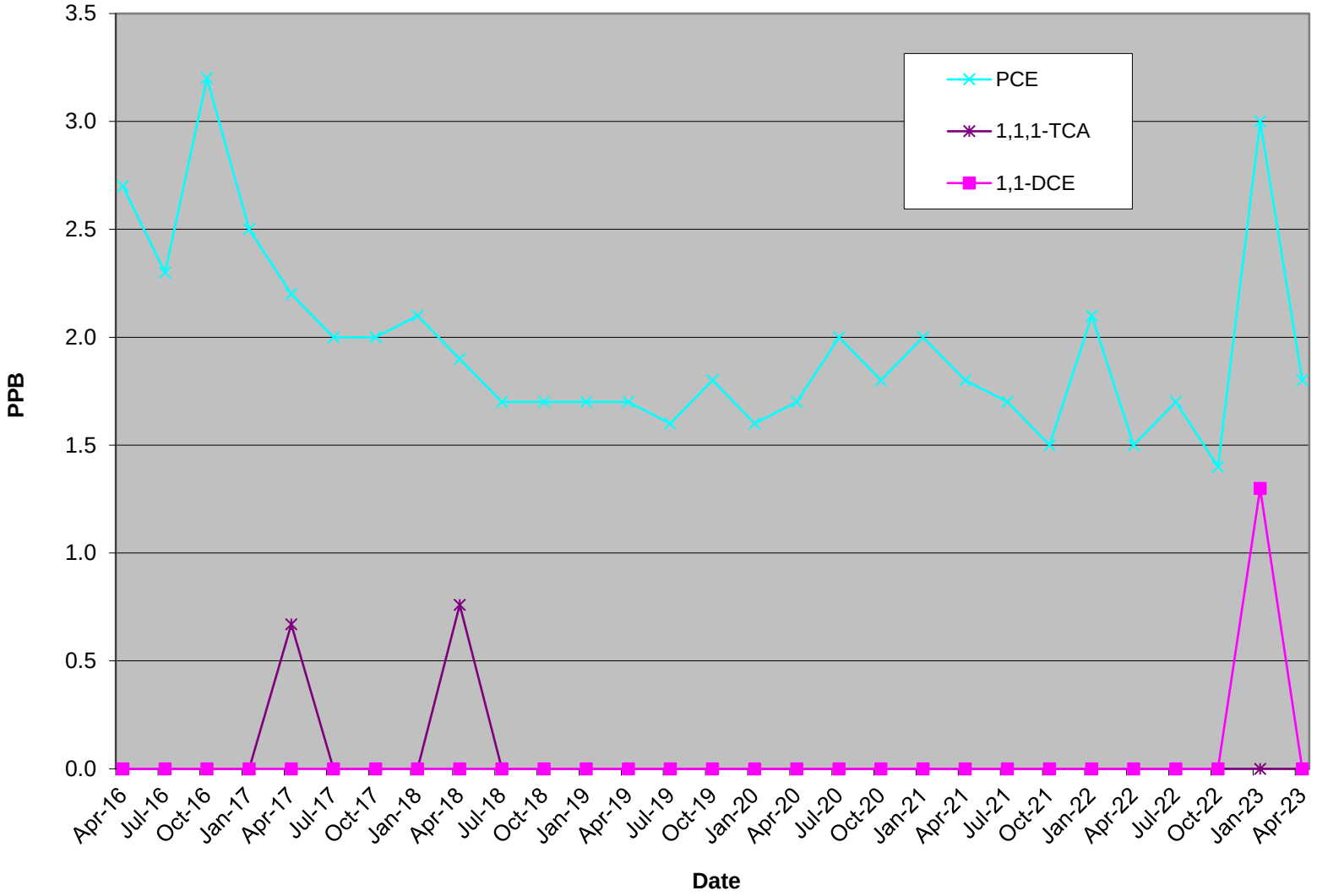
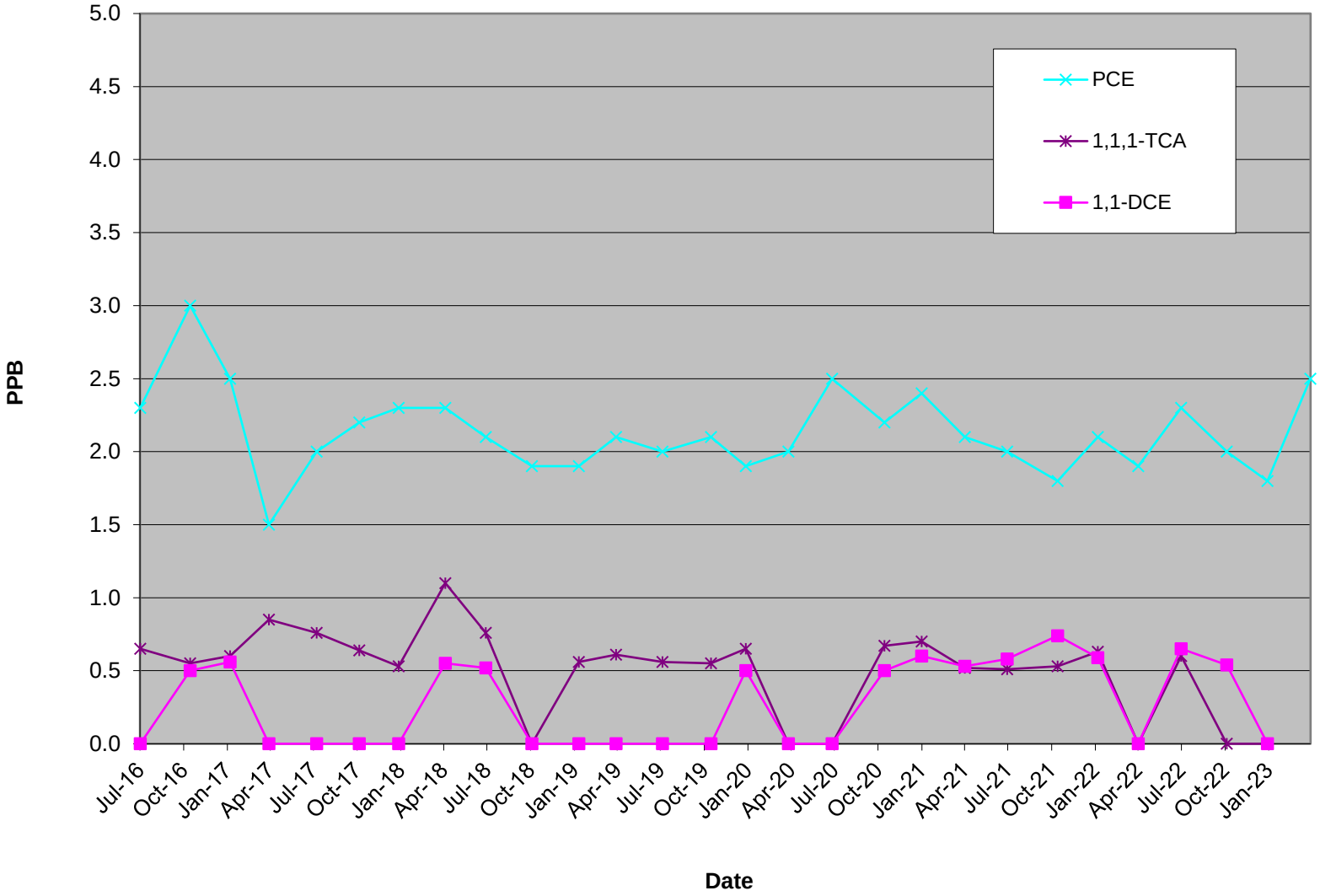
600
500
400
300
200
100
0
PPB
1,1,-DCA
1,1-DCE
c-1,2-DCE
PCE
1,1,1-TCA
TCE
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Date

RW-11


PPB
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
PCE
1,1,1-TCA
1,1-DCE
Apr-16
Jul-16
Oct-16
Jan-17
Apr-17
Jul-17
Oct-17
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Date

RW-12


5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
PPB
PCE
1,1,1-TCA
1,1-DCE
Jul-16
Oct-16
Jan-17
Apr-17
Jul-17
Oct-17
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Date

RW-13

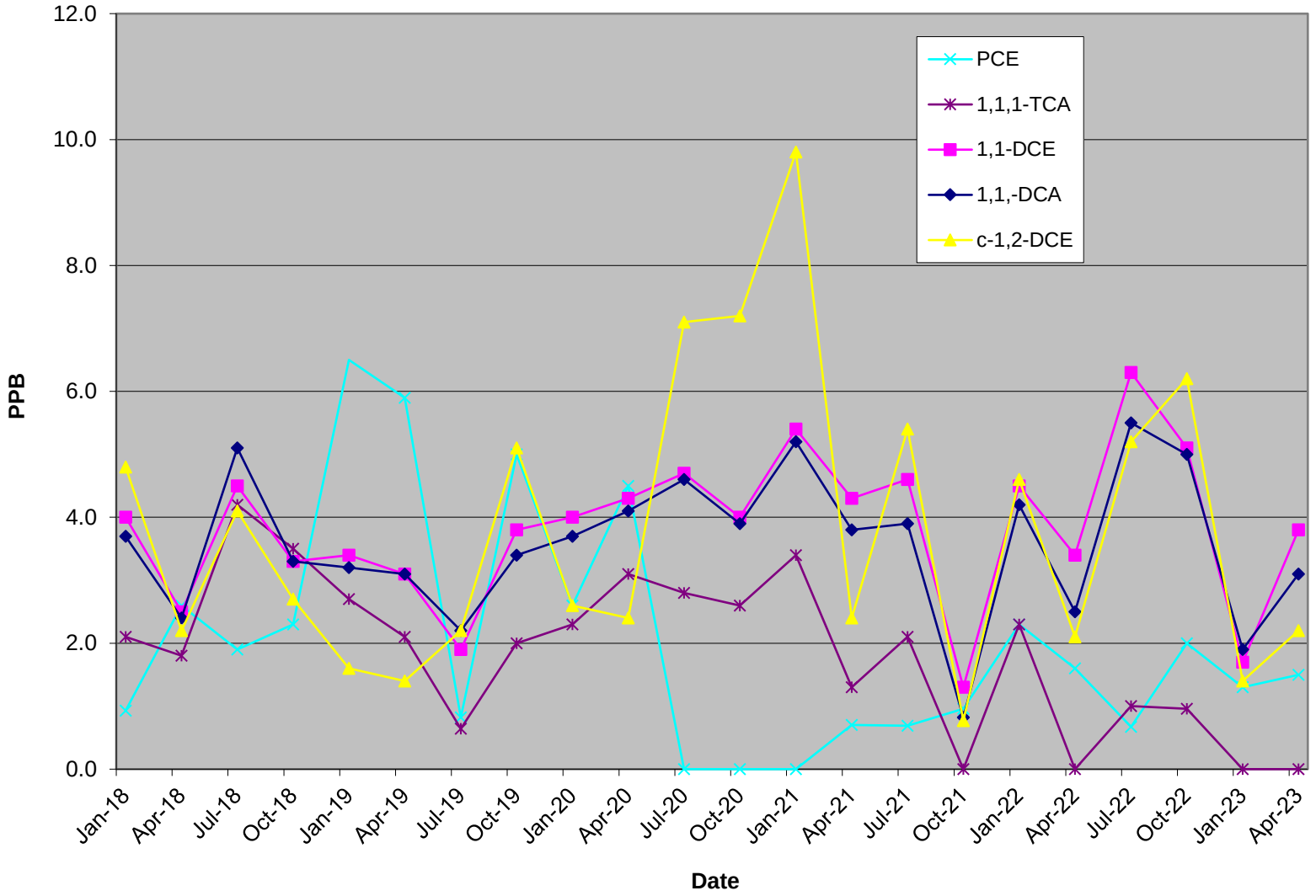

12.0
10.0
8.0
6.0
4.0
2.0
0.0
PPB
PCE
1,1,1-TCA
1,1-DCE
1,1,-DCA
c-1,2-DCE
Jan-18
Apr-18
Jul-18
Oct-18
Jan-19
Apr-19
Jul-19
Oct-19
Jan-20
Apr-20
Jul-20
Oct-20
Jan-21
Apr-21
Jul-21
Oct-21
Jan-22
Apr-22
Jul-22
Oct-22
Jan-23
Apr-23
Date

Table-1
Soil Vapor Extraction Sampling
FORMER MILLER CONTAINER FACILITY

NYSDEC SITE # 7-38-029
DATE: December 22, 2022
Centek Report No.: C2212043

Location	1,1,1-TCA	*1,1-DCA	1,1-DCE	*1,4-Dioxane	cis-1,2-DCE	Methylene Chloride	PCE	TCE
NYSDOH Matrix	B	N/A	A	N/A	A	B	B	A
Mitigation Req'd Action Level	1000 $\mu g/m^3$	1000 $\mu g/m^3$	60 $\mu g/m^3$	1000 $\mu g/m^3$	60 $\mu g/m^3$	1000 $\mu g/m^3$	1000 $\mu g/m^3$	60 $\mu g/m^3$
DPEN-1	6.0	3.0	0.67	<1.1	12	<0.52	62	2.6
DPEN-2	13	2.9	0.59	<1.1	24	<0.52	170	3.8
DPEN-4	2300	330	25	<1.1	2400	4.2	1100	690
SVEN-2	6.5	0.81	0.99	55	1.1	0.35	150	2.1

All readings in $\mu g/m^3$

* Matrix B is assumed for all compounds not specifically listed

TABLE-2
FORMER MILLER CONTAINER FACILITY
SVE SYSTEM MONITORING
December 22, 2022

Well	Delta p	SCFM	Cu M/day	Total VOC ug/m3	ug/day	g/day
DPEN-1	0.25	27.7	1130	86	97216	0.10
DPEN-2	1.33	63.9	2607	214	557967	0.56
DPEN-4	0.08	15.7	639	6849	4379663	4.38
SVEN-2	0.06	13.6	554	217	120172	0.12
SVEN-6	0.01	5.5	226		0	0.00
SVEN-7	0.02	7.8	320		0	0.00
SVEN-8	0.00	0.0	0		0	0.00
SVEN-10	0.05	12.4	506		0	0.00
SVEN-11	0.00	0.0	0		0	0.00
Total Cubic meters per day			5982.34		Grams per day	5.16
					Pounds per day	0.011
					Pounds per month	0.33
					Pounds per year	4.15

Flow rates are calculated using the formula $Q(SCFM)=128.8*K*D^2*SQRT(P*DP/(T+460*S_s))$ from Dwyer where k is flow coeficient for standard Operating ranges

K values	1-Inch	1.5-Inch	2-Inch	3-Inch	4-Inch	6-inch
	0.52	0.58	0.64	0.67	0.67	0.71

Dp differential pressure expressed in inches of Water Column
D inside diameter of pipe expressed in inches
P static line pressure expressed in (psia)
S_s $S_p G_r$ at 60 deg F
The above table applies only to air flowing under standard atmospheric conditions

Appendix E

6 NYCRR PART 375		
Environmental Remediation Programs		
Table 375-6.8 (b)		
	Soil Clean-up Levels (PPM)	
Compound	Commercial	Industrial
1,1-Dichloroethane	240	480
Acetone	500	1000
1,1-Dichloroethene	500	1000
1.2-Dichloroethene (cis-1,2-Dichloroethene)	500	1000
1,1,1-Trichloroethane	150	300
Tetrachloroethylene	150	300
Methylene Chloride	500	1000
Trichloroethylene	200	400
Benzene	44	89
Toluene	500	1000
Xylenes	500	1000
Methyl Isobutyl Ketone	NS	NS
Methyl Butyl Ketone	NS	NS
Methyl Amyl Ketone	NS	NS
4-Methyl-2-Pentanol	NS	NS
alpha-Pinene	NS	NS
Phenanthrene	NS	NS
2-Octanone	NS	NS
Ethylbenzene	390	780

NS - Not Specified