

Schmenk, Colin R -DNR

From: Coleman, Matthew <Matthew.Coleman@arcadis.com>
Sent: Wednesday, August 14, 2019 12:47 PM
To: Steve Genisot; topchair@townofpeshtigo.org
Cc: Neste, David E - DNR; Jeffrey Howard Danko; Scott D Wahl; Bedard, Michael; Verburg, Ben
Subject: Surface Water Advisory Signs in Marinette and Peshtigo
Attachments: Final_City_Town_Notification_Letter.pdf

Good afternoon,

As part of the on-going investigation of per- and polyfluoroalkyl substances (PFAS) in the Town of Peshtigo and the City of Marinette, Tyco, in coordination with the WDNR, has proposed to post advisory signs at various public ditches and surface water locations in the area to inform the community of the potential presence of PFAS. A copy of the advisory sign language and a map showing the location of the proposed signs is attached to this email. The sample results of the various ditches and surface water locations are also included. We are asking you to post the sign and maps on your municipal websites. A hard copy of this letter will follow.

Thanks,
Matt

Matthew Coleman | techCOMM | matthew.coleman@arcadis.com

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Steve Genisot
Mayor's Office
City of Marinette
1905 Hall Avenue
Marinette, WI 54143

Herman Pottratz
Board of Supervisors
Town of Peshtigo
W2435 Old Peshtigo Road
Marinette, WI 54143

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Milwaukee
Wisconsin 53202
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www.arcadis.com

Subject:
Posting of Signs and Maps – Advisory Signs for Surface Water

Date:
August 14, 2019

Dear Mayor Genisot and Chairman Pottratz:

Contact:
Michael Bedard

As part of the on-going investigation of per- and polyfluoroalkyl substances (PFAS) in the Town of Peshtigo and the City of Marinette, Tyco, in coordination with the Wisconsin Department of Natural Resources, has proposed to post advisory signs at various public ditches and surface water locations in the area to inform the community of the potential presence of PFAS. This advisory may also be relevant to some owners of private ponds.

Phone:
267-685-1821

Email:
Michael.Bedard@
arcadis.com

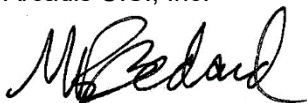
A copy of the advisory sign language is provided in Attachment 1 and a map showing the location of the signs is provided in Attachment 2. The sample results of the various ditches and surface water locations is provided in Attachments 3 and 4.

Our ref:
30015294

Please post a copy of the sign language and maps on your website.

Sincerely,

Arcadis U.S., Inc.



Michael Bedard
Project Lead

Copies:
Jeffrey Danko
David Neste

August 14, 2019

Enclosures:

Attachments

- 1 Advisory Sign Language
- 2 Proposed Sign Location Map
- 3 Spring/Summer 2018 Surface Water Sample Analytical Results Maps
- 4 Fall 2018 Surface Water Sample Analytical Results Maps

ADVISORY

Possible Chemical Exposure Hazard

This water contains PFAS
(per- and poly-fluoroalkyl substance)

The Wisconsin Department of Health Services recommends that to best protect you, your family, and your pets from potential PFAS exposure:

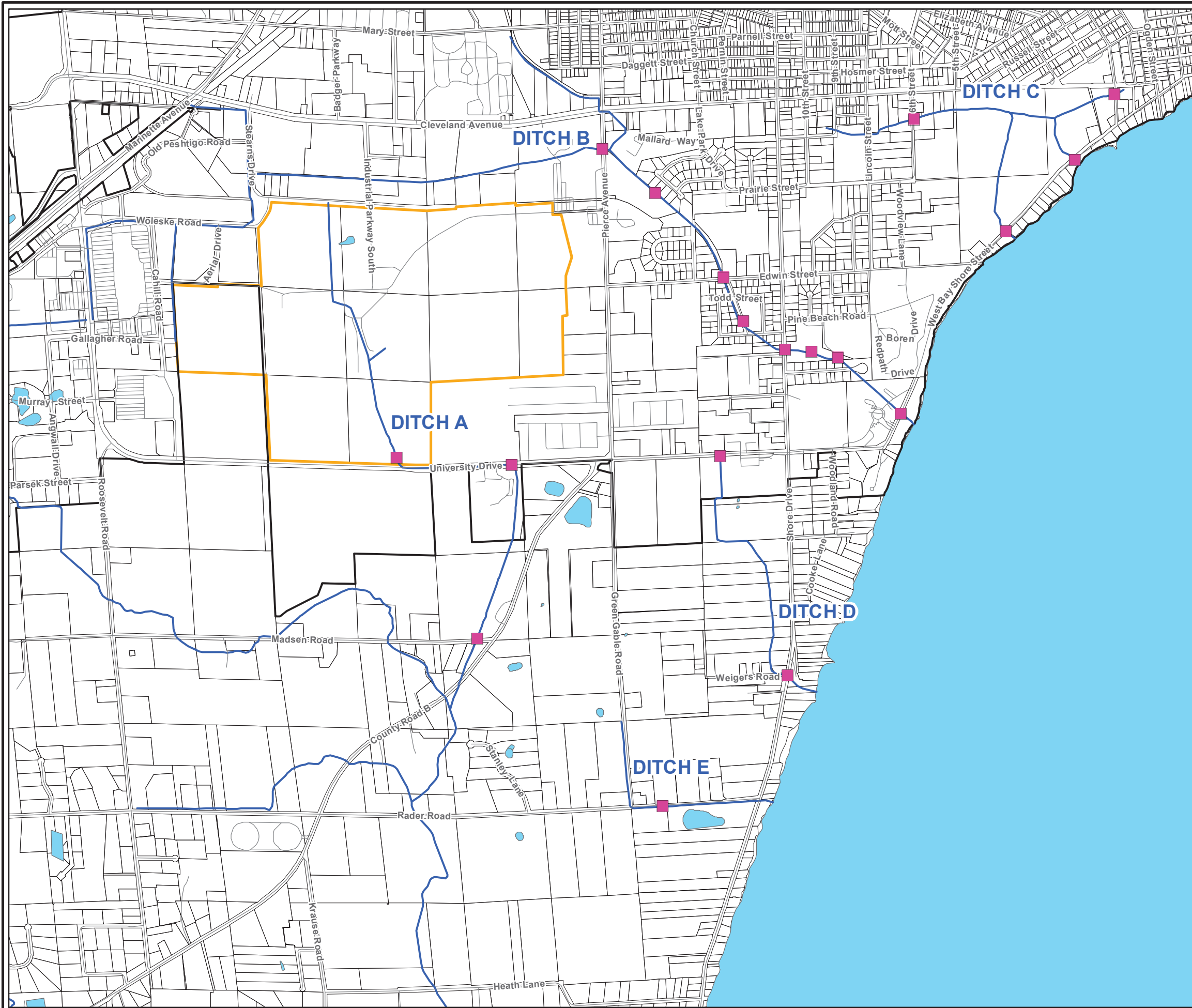
- **Avoid drinking or accidentally swallowing the water or foam.**
- **Wash your hands after wading or playing in the water or foam.**
- **Rinse pets after contact with water or foam to avoid swallowing surface water that may be on their fur.**

Touching the water or foam is not a health concern.

This surface water is currently being investigated and cleaned up in accordance with Wisconsin laws.

For more information:

- WI Dept of Natural Resources website:
<http://dnr.wi.gov/topic/contaminants/marinette.html>
- WI Dept of Natural Resources and Dept of Health Services:
(888) 626-3244

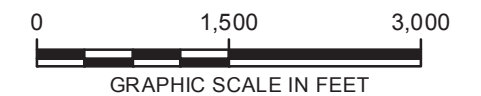


LEGEND:

- PROPOSED SIGN LOCATION
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- PARCEL BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

NOTES:

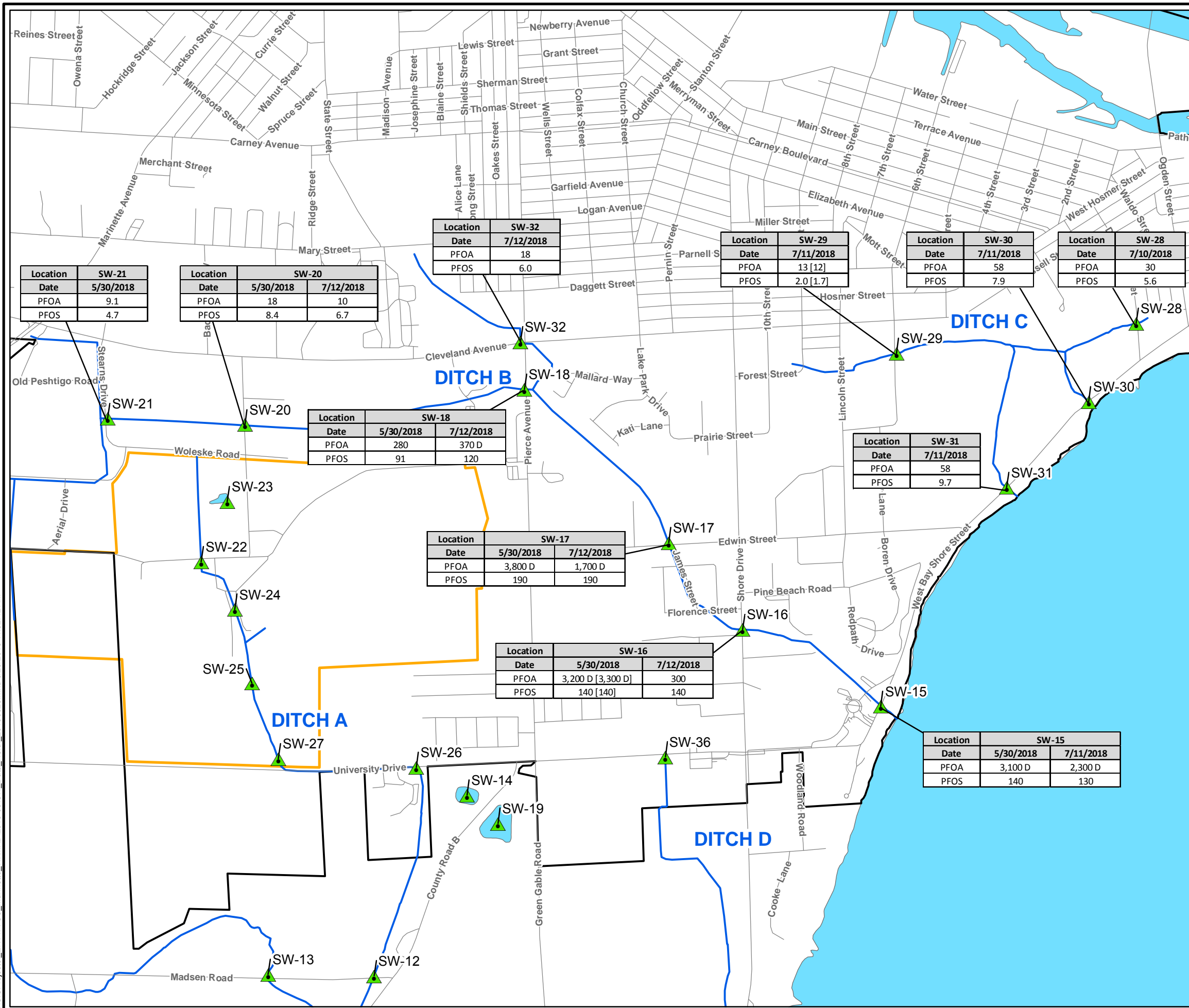
1. CITY BOUNDARY DATA SOURCE: WISCONSIN LEGISLATIVE TECHNOLOGY SERVICES BUREAU, WISCONSIN COUNTY CLERKS AND LAND INFORMATION OFFICES, ACCESSED FALL 2017.
2. DITCH/STREAM AND WATERBODY DATA SOURCE: U.S. GEOLOGICAL SURVEY NATIONAL HYDROGRAPHY DATASET, ACCESSED FALL 2017.
3. ROAD DATA SOURCE: OPEN STREET MAP, ACCESSED FALL 2017.



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**PROPOSED DITCH
 SIGN LOCATIONS**

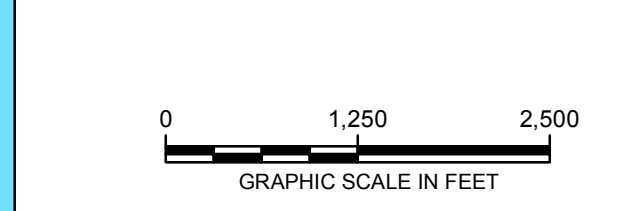




LEGEND:

- ▲ SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

- NOTES:**
1. PFOA = PERFLUOROOCCTANOIC ACID
 2. PFOS = PERFLUOROOCCTANESULFONIC ACID
 3. ALL CONCENTRATIONS REPORTED IN UNITS OF NANOGRAM PER LITER (ng/L)
 4. QUALIFIERS ARE DEFINED AS:
D = DILUTION REQUIRED FOR SAMPLE ANALYSIS.
 5. FIELD DUPLICATE RESULTS ARE INCLUDED IN BRACKETS.
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**MAY, JUNE AND JULY 2018
SURFACE WATER SAMPLE
ANALYTICAL RESULTS - NORTH**

ARCADIS | **FIGURE 12**

Location	SW-21
Date	5/30/2018
PFOA	9.1
PFOS	4.7

Location	SW-20	
Date	5/30/2018	7/12/2018
PFOA	18	10
PFOS	8.4	6.7

Location	SW-32
Date	7/12/2018
PFOA	18
PFOS	6.0

Location	SW-29
Date	7/11/2018
PFOA	13 [12]
PFOS	2.0 [1.7]

Location	SW-30
Date	7/11/2018
PFOA	58
PFOS	7.9

Location	SW-28
Date	7/10/2018
PFOA	30
PFOS	5.6

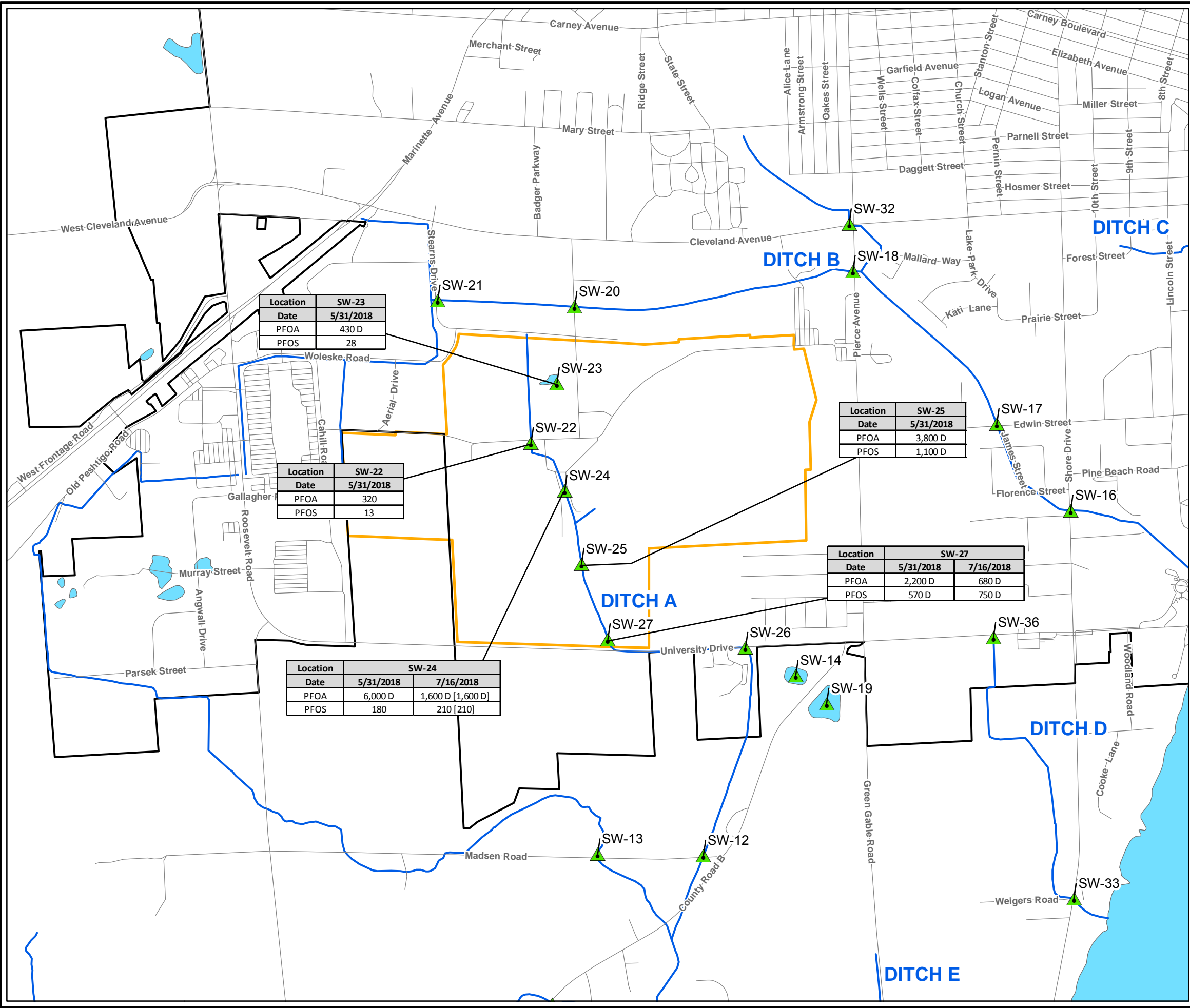
Location	SW-18	
Date	5/30/2018	7/12/2018
PFOA	280	370 D
PFOS	91	120

Location	SW-17	
Date	5/30/2018	7/12/2018
PFOA	3,800 D	1,700 D
PFOS	190	190

Location	SW-16	
Date	5/30/2018	7/12/2018
PFOA	3,200 D [3,300 D]	300
PFOS	140 [140]	140

Location	SW-31
Date	7/11/2018
PFOA	58
PFOS	9.7

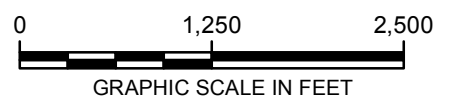
Location	SW-15	
Date	5/30/2018	7/11/2018
PFOA	3,100 D	2,300 D
PFOS	140	130



LEGEND:

- SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

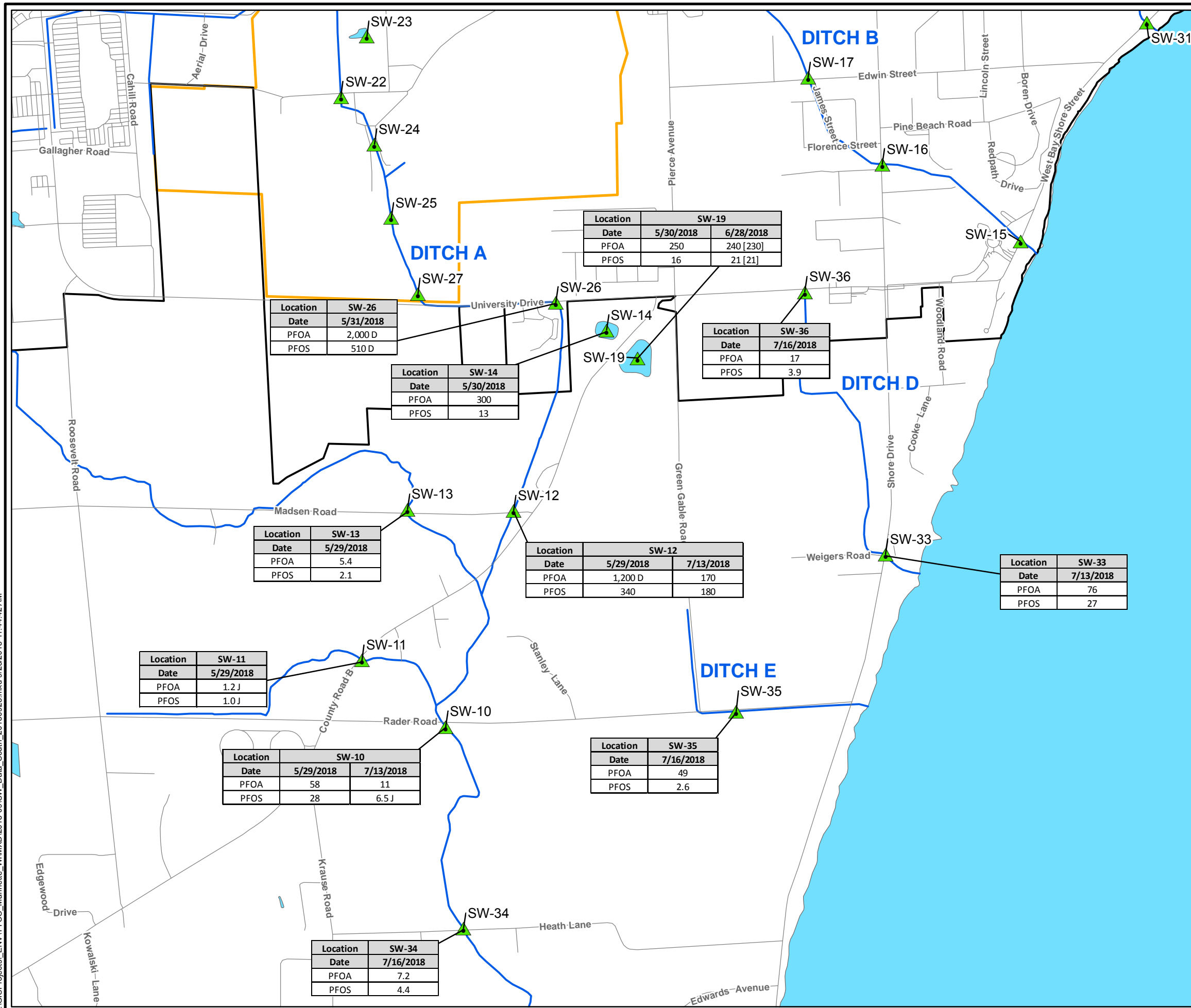
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**MAY, JUNE AND JULY 2018
 SURFACE WATER SAMPLE
 ANALYTICAL RESULTS - FTC**

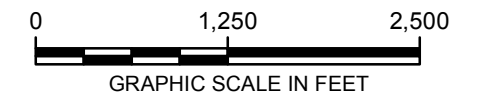
ARCADIS | **FIGURE 13**



LEGEND:

- SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

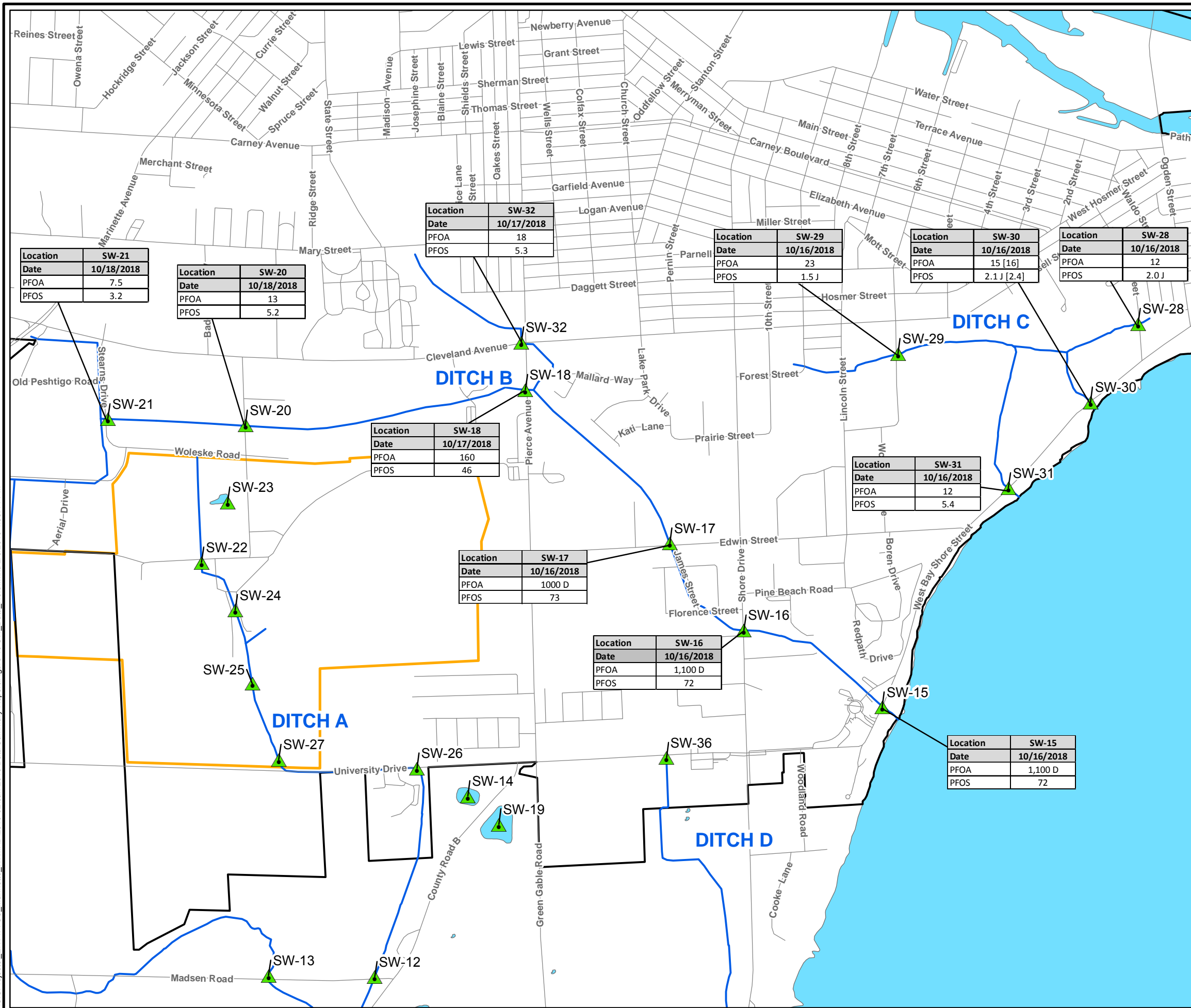
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**MAY, JUNE AND JULY 2018
 SURFACE WATER SAMPLE
 ANALYTICAL RESULTS - SOUTH**

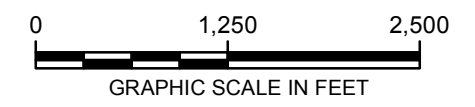
ARCADIS | **FIGURE 14**



LEGEND:

- SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

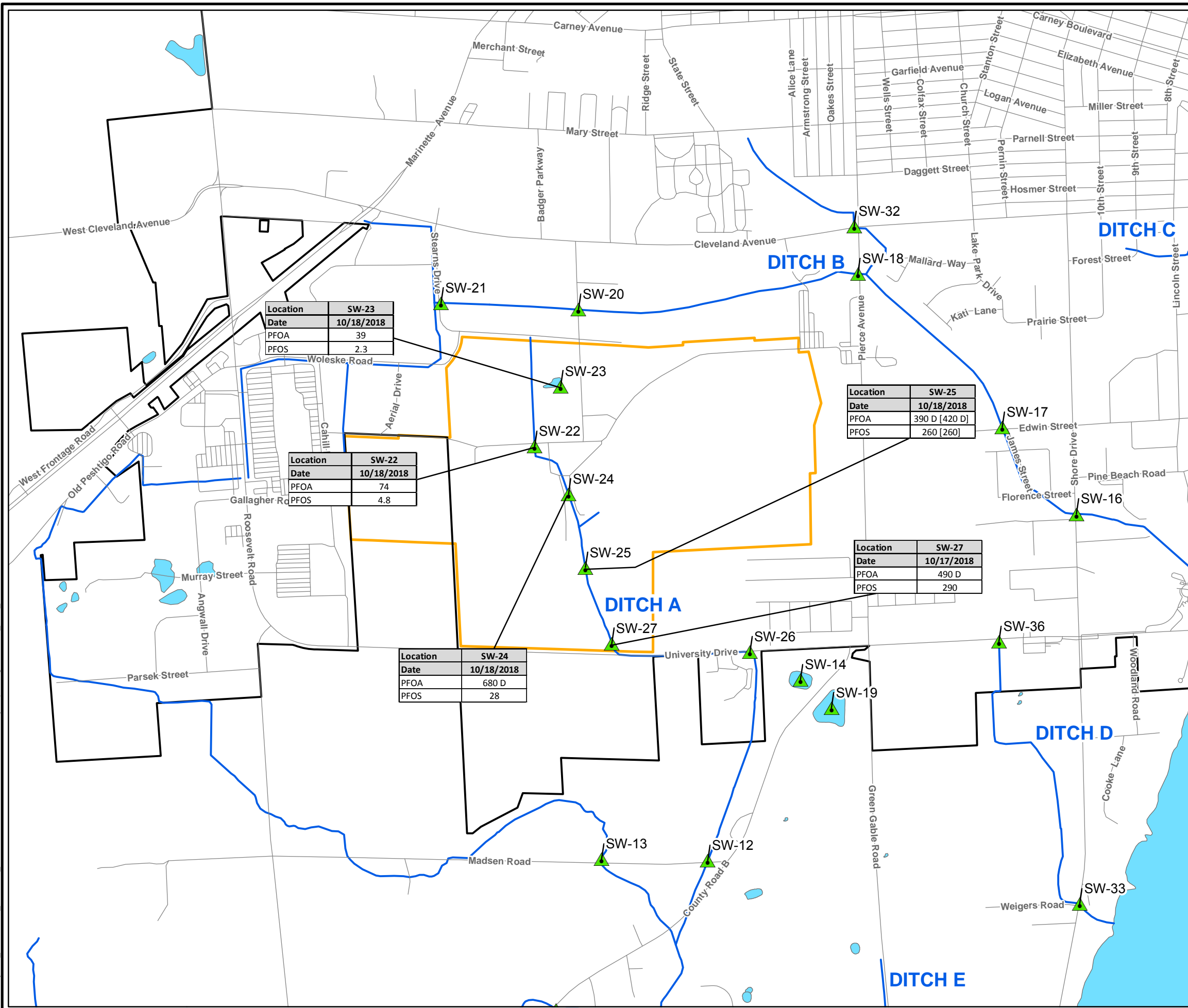
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**OCTOBER 2018
 SURFACE WATER SAMPLE
 ANALYTICAL RESULTS - NORTH**

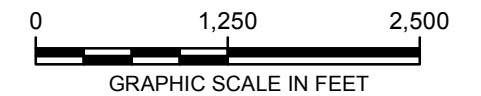
FIGURE 10



LEGEND:

- SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

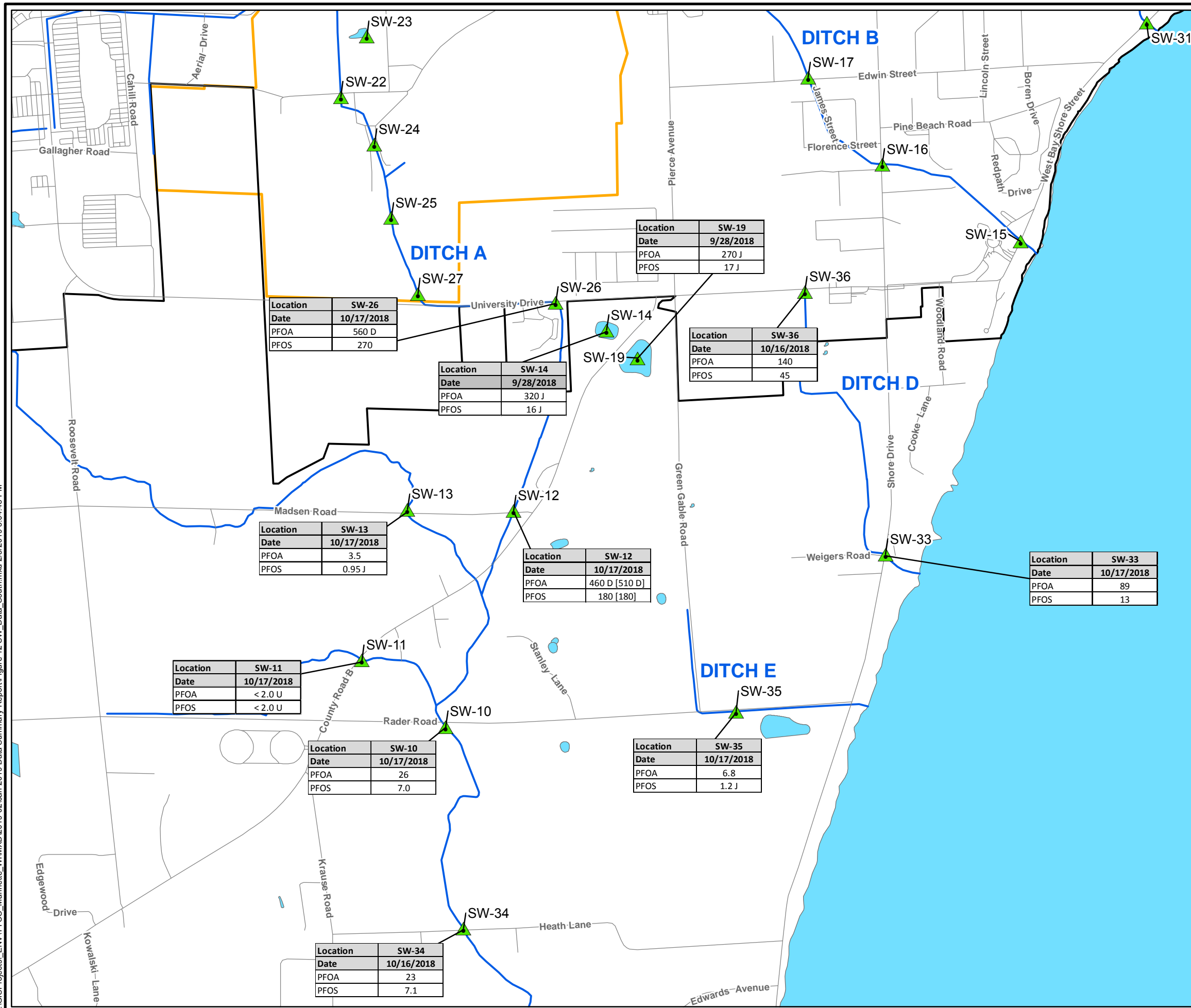
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MARINETTE, WISCONSIN

**OCTOBER 2018
SURFACE WATER SAMPLE
ANALYTICAL RESULTS - FTC**

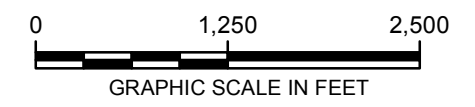
FIGURE 11



LEGEND:

- SURFACE WATER SAMPLE
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH/STREAM
- WATERBODY

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 MARINETTE, WISCONSIN

**SEPTEMBER AND OCTOBER 2018
 SURFACE WATER SAMPLE
 ANALYTICAL RESULTS - SOUTH**

ARCADIS | **FIGURE 12**