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444 21<sup>st</sup> Street South · La Crosse, Wisconsin · 54601

February 15, 2023

David Rozeboom  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
Eau Claire Regional Office  
1300 W. Clairemont Ave.  
Eau Claire, WI 54701

**RE: Workplan and Schedule for Additional Site Investigation  
La Crosse Airport PFAS Investigation  
2850 Airport Dr, French Island, La Crosse, WI  
WDNR BRRTS Activity # 02-32-587347**

Dear Mr. Rozeboom:

The OS Group, LLC, (OSG) herein provides a workplan and schedule for additional site investigation for the above referenced La Crosse Airport PFAS Investigation.

### Background

For the results of prior investigation activities, please refer to the April 7, 2021, Interim Site Investigation Report and subsequent updates, including:

- August 13, 2021 Workplan and Schedule for Additional Site Investigation
- January 19, 2022 Site Investigation Status Update
- November 15, 2022 Site Investigation Status Update

The site is located at the La Crosse Regional Airport (LSE or the airport) on French Island in the Mississippi/Black River complex, in La Crosse County, WI. See Figure 1: Site Location Map.

### Recent Activities

No site investigation activities have been conducted at the airport since the November 15, 2022 Site Investigation Status Update.

## Scope of Work

OSG proposes the following scope of work:

### Equipment and Supply Blanks

1. Equipment and supply blank samples will be prepared for equipment and supplies that will come into contact with samples. Blanks will be prepared with laboratory-provided PFAS-free water. The blank samples will be analyzed for PFAS by WI-33 method. As possible, equipment and supply blank samples will be analyzed prior to field investigation activities.

### Groundwater

2. Install a piezometer (PZ-1) adjacent to monitoring well MW-1, as depicted in figure 2 attached. Forming a piezometer nest, MW-1 and proposed PZ-1 are located approximately 400 feet down gradient from the location of the 2001 crash site. Piezometer PZ-1 will be 2-in diameter, screened with a 5-foot screen set at 30 feet below the water table. Piezometer construction will be by hollow-stem auger and will follow the requirements of ch. NR141, Wisconsin Administrative Code.
3. Because soils have been characterized at MW-1, at PZ-1 continuous soil samples will be collected from approximately 26 feet below ground surface (bgs), the bottom of MW-1, to the full drilling depth by hydraulic push probe (Geoprobe®). No soil samples will be laboratory analyzed.
4. Containerize drill cuttings investigative waste in 55-gallon, DOT-rated drums for off-site disposal.
5. Survey top of casing elevation and horizontal location of PZ-1 relative to MW-1.
6. Configure PZ-1 with a dedicated submersible pump.
7. Develop PZ-1 per the requirements of ch. NR141, Wisconsin Administrative Code.
8. Sample the full expanded network of monitoring wells and piezometers for PFAS analysis by WI-33 method. Two (2) duplicate and two (2) field blank samples will also be prepared and analyzed. Field blanks will be prepared with laboratory-provided PFAS-free water.
9. Containerize decontamination, development and purge water investigative waste for GAC pre-treatment and disposal via sanitary sewer.
10. Conduct four (4) water level measurements (one during groundwater sampling and 3 additional events) from the monitoring well and piezometer network using a PFAS-free water level indicator.

## Schedule

Assuming WDNR notice to proceed in March, 2023, the proposed schedule for key tasks in the above scope of work is outlined below:

Piezometer construction	Late April 2023
Monitoring well/piezometer development	May 2023
Monitoring well/piezometer sampling	May 2023
Additional water level measurements	August, November 2023, March 2024

## Standard of Care

In performing this scope of work, OSG will exercise that degree of care and skill ordinarily exercised under similar circumstances, such as scope, schedule and budget, by firms in the environmental consulting profession performing substantially similar services and practicing at the same time in the same or similar locality.

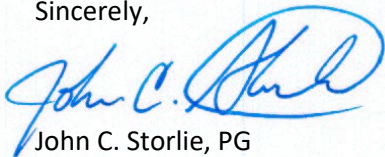
## Certification

*I, John C. Storlie, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.*

## Closing

If you have any question, please do not hesitate to call me.

Sincerely,



John C. Storlie, PG  
Principal Hydrogeologist & Managing Member  
The OS Group, LLC

608.433.9389 – Direct

E-Mail Address: [John.Storlie@theOSgrp.com](mailto:John.Storlie@theOSgrp.com)

Attachments:

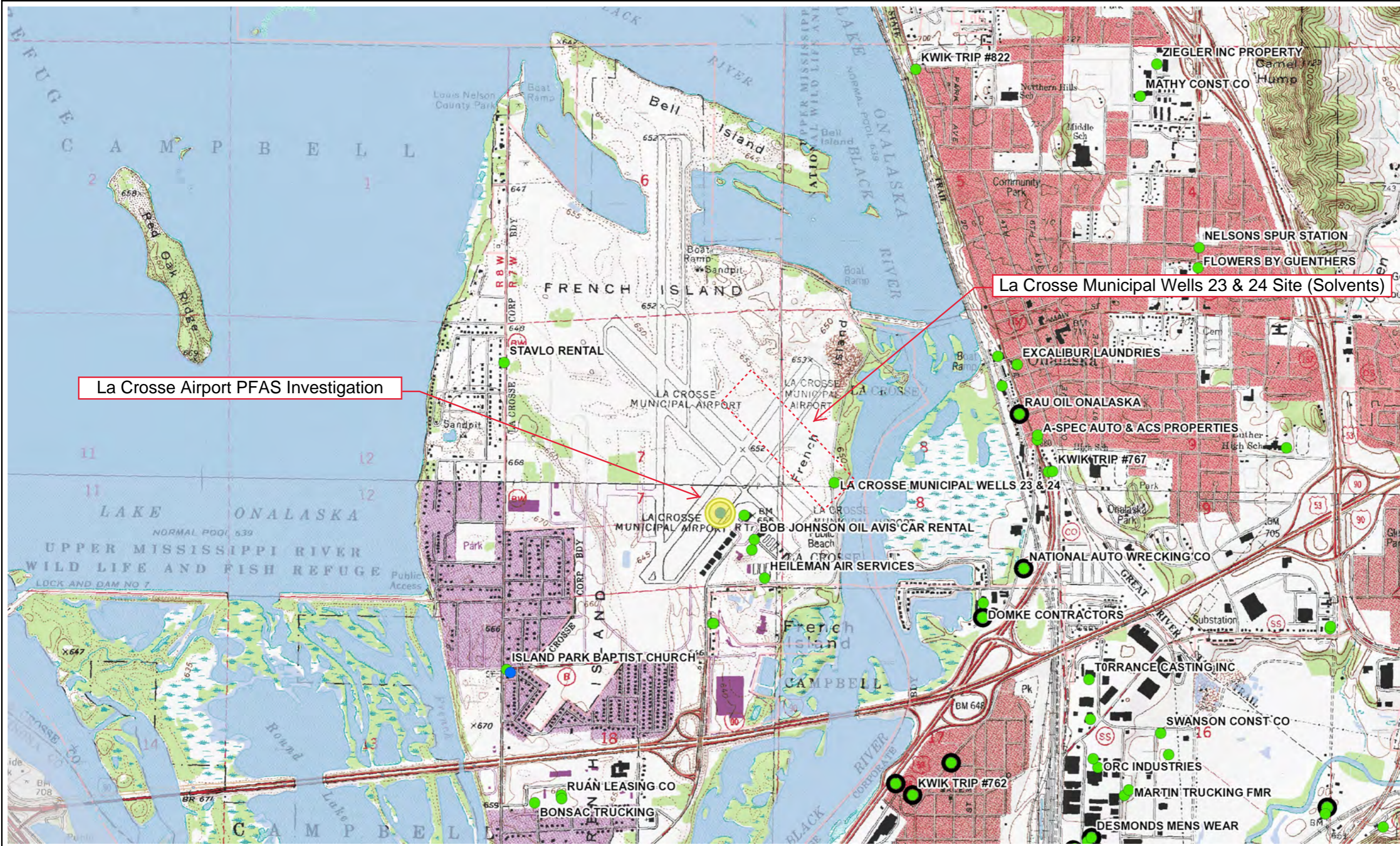
Figure 1: Site Location Map

Figure 2: Proposed PZ-1 Location



# Figure 1: Site Location Map

## BRRTS # 02-32-587347 - La Crosse Airport PFAS Investigation



- Legend**
- Open Site
  - Open Site Boundary
  - Closed Site
  - Continuing Obligations Apply
  - Facility-wide Site



0.8      0      0.38      0.8 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

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1: 23,760

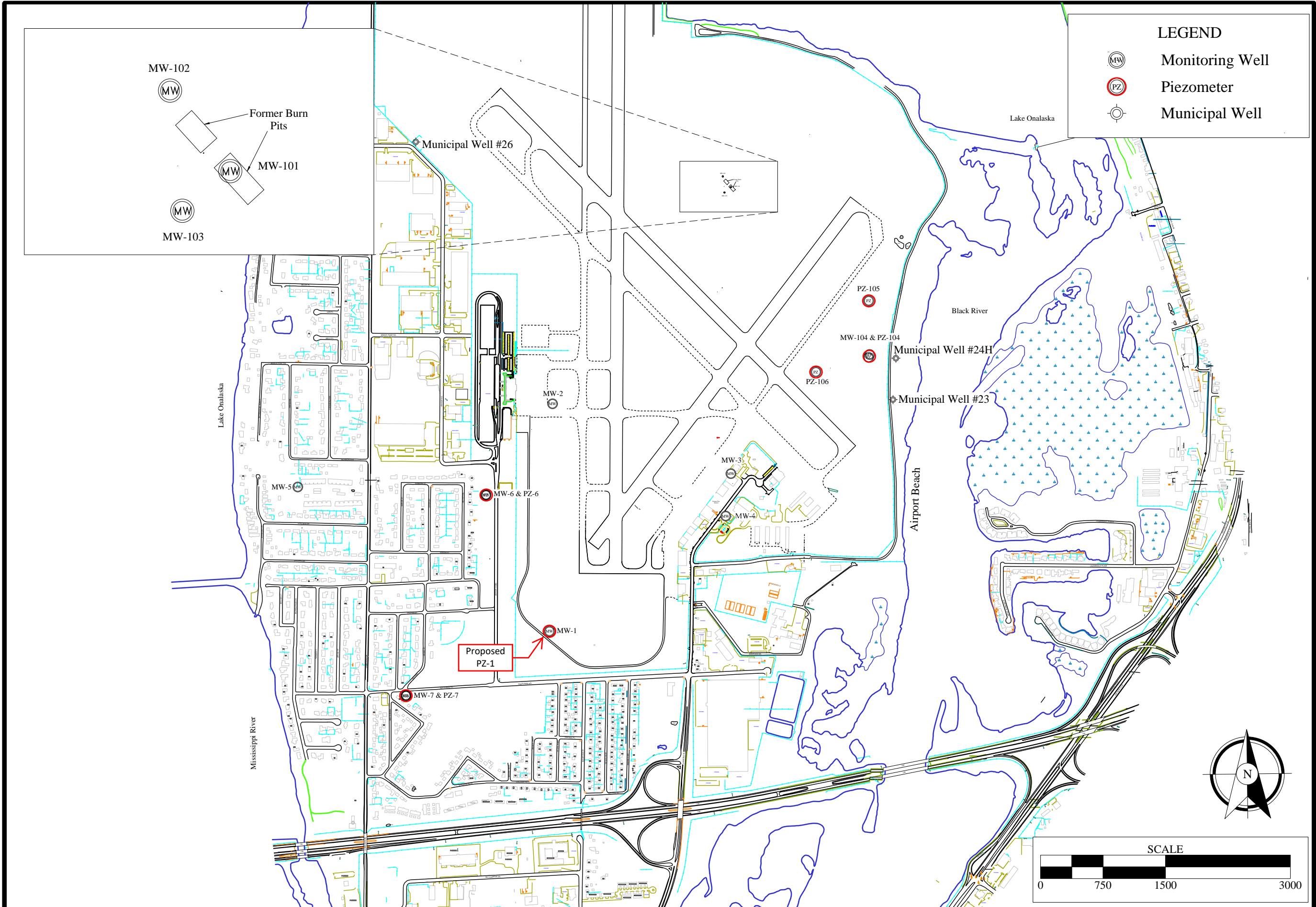


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*Note: Not all sites are mapped.*

**Notes**

Source:  
Wisconsin DNR RR Sites map, <https://drmaps.wi.gov/H5/?viewer=rrsites>  
accessed 04/05/2021



**Proposed PZ-1 Location**  
 La Crosse Airport PFAS Investigation  
 La Crosse, WI

Project No: 1901155  
 Drawing No:  
 Scale:  
 Drawn By: SJO  
 Date Drawn: 01/10/22  
 Checked By: JCS  
 Last Modified: 01/10/22  
 Sheet: 1 of 1 Fig: 2

