



## Dane County Regional Airport PFAS BRRT #02-13-584369 and # 02-13-584472

### December 2025 Progress Report

This document provides a progress report summary of actions taken by Dane County Regional Airport (DCRA) since June 2025 at BRRTS #02-13-584369 and # 02-13-584472.

#### **Darwin Street Fire Fighting Training Area**

Groundwater monitoring of the Darwin Site has continued since the remediation work done in April through June of 2025. A *Remedial Action Performance Three-Month Post Injection Report (Aug. 2025)* was prepared by Fehr Graham. The conclusions from this report are presented below:

- Monitoring wells MW-3 (5,440 ng/L), MW-5 (4,080 ng/L), and MW-6 (9,260 ng/L) continue [to] exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFOA of 20 ng/L while MW-4 (3.8 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFOA of 2 ng/L.
- Monitoring wells MW-3 (304 ng/L) and MW-5 (119 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFNA of 30 ng/L while MW-4 (<0.50 ng/L) and MW-6 (<1.9 ng/L) are below the [DHS Cycle 11 recommended] Preventative Action Limit for PFNA of 3 ng/L.
- Monitoring wells MW-3 (40,800 ng/L), MW-5 (10,500 ng/L), and MW-6 (5,780 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFHxS of 40 ng/L while MW-4 (7.4 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFHxS of 4 ng/L.
- Monitoring wells MW-3 (1,410 ng/L) and MW-5 (3,810 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFOS of 20 ng/L while MW-4 (3.6 ng/L) and MW-6 (2.5 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFOS of 2 ng/L.
- Monitoring well MW-3 (6.5 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for FOSA of 2 ng/L.
- Fluoride concentrations remain stable in sampled wells in comparison to past sampling events.



A *Remedial Action Performance Six-Month Post Injection Report (Nov. 2025)* was prepared by Fehr Graham. The conclusions from this report are presented below:

- Monitoring wells MW-1 (233 ng/L), MW-2 (2,920 ng/L), MW-3 (13,200 ng/L), MW-5 (3,580 ng/L), MW-6 (19,100 ng/L), MW-7 (102,000 ng/L), and PZ-1 (22,100 ng/L) continue exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFOA of 20 ng/L while MW-4 (2.7 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFOA of 2 ng/L.
- Monitoring wells MW-2 (36.6 ng/L), MW-3 (114 ng/L), MW-5 (77.5 ng/L), and PZ-1 (526 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFNA of 30 ng/L. Monitoring well MW-6 (29.8 ng/L) and MW-7 (22.5 ng/L) exceed [DHS Cycle 11 recommended] Preventative Action Limit for PFNA of 3 ng/L. While MW-1 (0.41 ng/L) and MW-4 (<0.31 ng/L) are below the [DHS Cycle 11 recommended] Preventative Action Limit for PFNA of 3 ng/L.
- Monitoring wells MW-1 (293 ng/L), MW-2 (7,800 ng/L), MW-3 (38,600 ng/L), MW-5 (7,700 ng/L), MW-6 (21,500 ng/L), MW-7 (179,000 ng/L), and PZ-1 (98,700 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFHxS of 40 ng/L, while MW-4 (5.0 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFHxS of 4 ng/L.
- Monitoring wells MW-2 (1,150 ng/L), MW-3 (320 ng/L), MW-5 (2,180 ng/L), MW-7 (25.6 ng/L), and PZ-1 (1,960 ng/L) exceed the [DHS Cycle 11 recommended] Enforcement Standard for PFOS of 20 ng/L, while MW-1 (17.8 ng/L) MW-4 (3.1 ng/L), and MW-6 (33.7 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for PFOS of 2 ng/L.
- Monitoring well MW-2 (6.9 ng/L) exceeds the [DHS Cycle 11 recommended] Preventative Action Limit for FOSA of 2 ng/L.
- Fluoride concentrations remain stable in sampled wells in comparison to past sampling events.

Pre- and post-remediation PFOA, PFNA, PFHxS, and PFOS sampling results for each monitoring and piezometer wells from the 6-month post injection report are shown on **Figure 5** and attached in the progress report.

The 12-month post injection round of groundwater sampling is planned for May 2026. A *Remedial Action 12-Month Post Injection Report* will be prepared once analytical results are available.

### **Wisconsin Air National Guard RI at Truax Field**

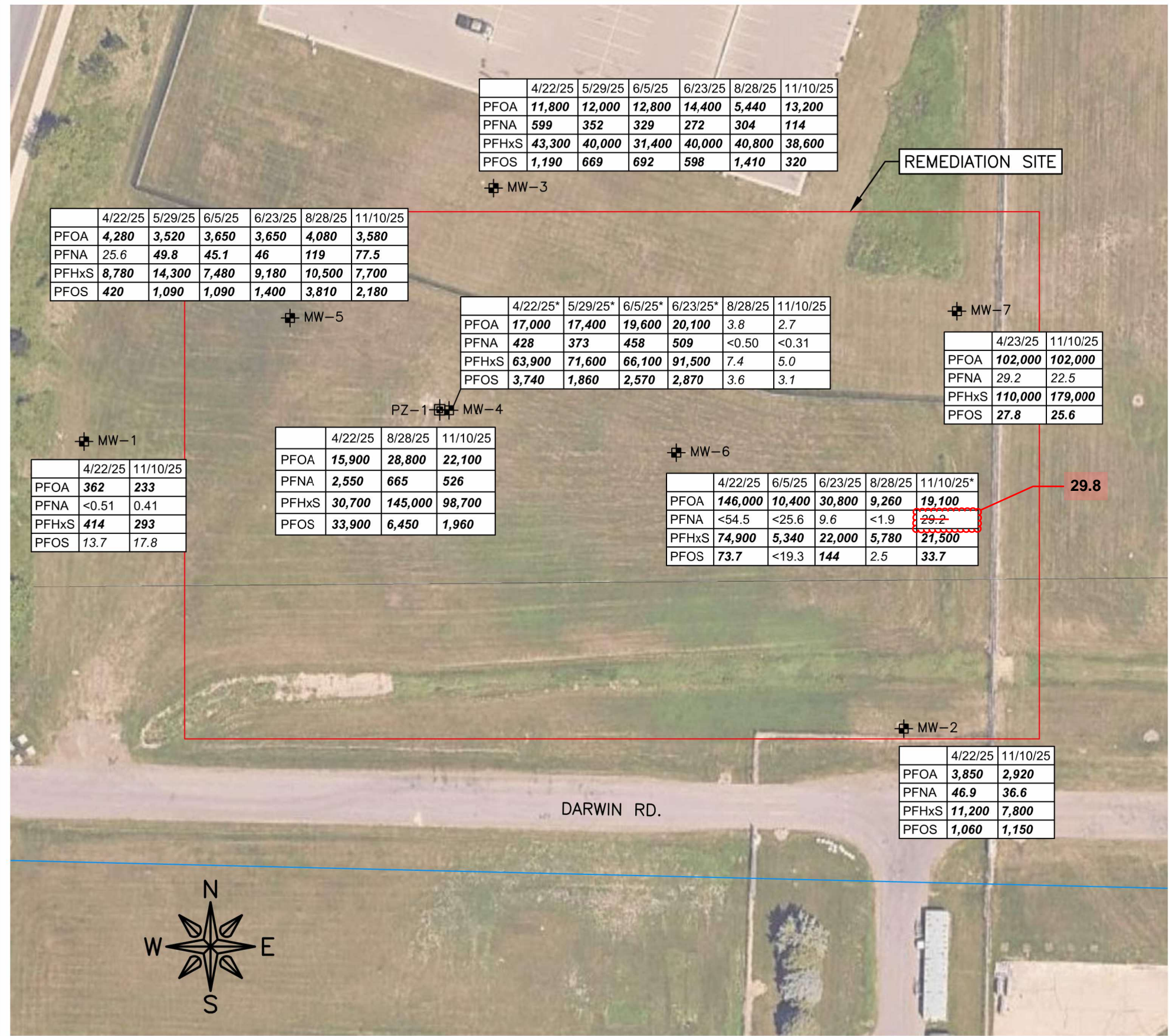
DCRA continues to coordinate with the Wisconsin Air National Guard (WI ANG) remedial investigation at Truax Field.



Submitted respectfully,

Ryan Falch, PE  
Director of Planning & Development  
Dane County Regional Airport (DCRA)

**Attachment:** Figure 5 (6-Month Reporting Map)



	4/22/25	5/29/25	6/5/25	6/23/25	8/28/25	11/10/25
PFOA	<b>11,800</b>	<b>12,000</b>	<b>12,800</b>	<b>14,400</b>	<b>5,440</b>	<b>13,200</b>
PFNA	<b>599</b>	<b>352</b>	<b>329</b>	<b>272</b>	<b>304</b>	<b>114</b>
PFHxS	<b>43,300</b>	<b>40,000</b>	<b>31,400</b>	<b>40,000</b>	<b>40,800</b>	<b>38,600</b>
PFOS	<b>1,190</b>	<b>669</b>	<b>692</b>	<b>598</b>	<b>1,410</b>	<b>320</b>

	4/22/25	5/29/25	6/5/25	6/23/25	8/28/25	11/10/25
PFOA	<b>4,280</b>	<b>3,520</b>	<b>3,650</b>	<b>3,650</b>	<b>4,080</b>	<b>3,580</b>
PFNA	25.6	<b>49.8</b>	<b>45.1</b>	<b>46</b>	<b>119</b>	<b>77.5</b>
PFHxS	<b>8,780</b>	<b>14,300</b>	<b>7,480</b>	<b>9,180</b>	<b>10,500</b>	<b>7,700</b>
PFOS	<b>420</b>	<b>1,090</b>	<b>1,090</b>	<b>1,400</b>	<b>3,810</b>	<b>2,180</b>

	4/22/25*	5/29/25*	6/5/25*	6/23/25*	8/28/25	11/10/25
PFOA	<b>17,000</b>	<b>17,400</b>	<b>19,600</b>	<b>20,100</b>	3.8	2.7
PFNA	<b>428</b>	<b>373</b>	<b>458</b>	<b>509</b>	<0.50	<0.31
PFHxS	<b>63,900</b>	<b>71,600</b>	<b>66,100</b>	<b>91,500</b>	7.4	5.0
PFOS	<b>3,740</b>	<b>1,860</b>	<b>2,570</b>	<b>2,870</b>	3.6	3.1

	4/23/25	11/10/25
PFOA	<b>102,000</b>	<b>102,000</b>
PFNA	29.2	22.5
PFHxS	<b>110,000</b>	<b>179,000</b>
PFOS	<b>27.8</b>	<b>25.6</b>

	4/22/25	11/10/25
PFOA	<b>362</b>	<b>233</b>
PFNA	<0.51	0.41
PFHxS	<b>414</b>	<b>293</b>
PFOS	13.7	17.8

	4/22/25	8/28/25	11/10/25
PFOA	<b>15,900</b>	<b>28,800</b>	<b>22,100</b>
PFNA	<b>2,550</b>	<b>665</b>	<b>526</b>
PFHxS	<b>30,700</b>	<b>145,000</b>	<b>98,700</b>
PFOS	<b>33,900</b>	<b>6,450</b>	<b>1,960</b>

	4/22/25	6/5/25	6/23/25	8/28/25	11/10/25*
PFOA	<b>146,000</b>	<b>10,400</b>	<b>30,800</b>	<b>9,260</b>	<b>19,100</b>
PFNA	<54.5	<25.6	9.6	<1.9	<b>29.2</b>
PFHxS	<b>74,900</b>	<b>5,340</b>	<b>22,000</b>	<b>5,780</b>	<b>21,500</b>
PFOS	<b>73.7</b>	<19.3	<b>144</b>	2.5	<b>33.7</b>

	4/22/25	11/10/25
PFOA	<b>3,850</b>	<b>2,920</b>
PFNA	<b>46.9</b>	<b>36.6</b>
PFHxS	<b>11,200</b>	<b>7,800</b>
PFOS	<b>1,060</b>	<b>1,150</b>

**LEGEND**

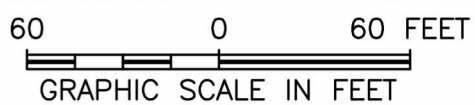
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER WELL

- PFOA PERFLUOROOCCTANOIC ACID
- PFNA PERFLUORONONANOIC ACID
- PFHxS PERFLUOROHEXANESULFONIC ACID
- PFOS PERFLUOROACTANESULFONIC ACID

- BOLD** EXCEEDS ENFORCEMENT STANDARDS
- ITALICS* EXCEEDS PREVENTATIVE ACTION LIMITS
- DATE\* INDICATES DUPLICATE SAMPLE. HIGHEST REPORTED RESULT SHOWN

NOTES:  
1. RESULTS REPORTED IN (ng/L)

**FIGURE 5**  
PRE AND POST INJECTION  
GROUNDWATER EXCEEDANCE MAP  
INTERNATIONAL LN. &  
DARWIN RD.  
MADISON, WI



12/15/25

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 194-003525

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