

# PFAS AT WESTERN ELECTRIC SITE

## Preliminary Assessment/Site Inspection Results

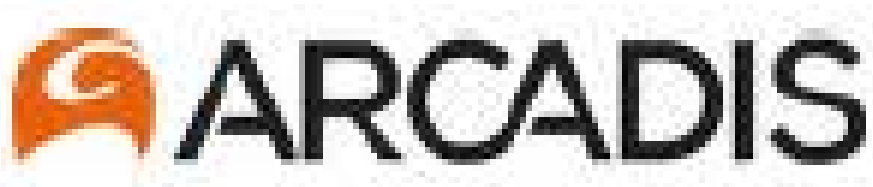


Table 7-1 - Groundwater PFOS, PFOA, PFBS, PFNA, and PFHxS Analytical Results  
USAEC PFAS Preliminary Assessment/Site Inspection  
Former Tarheel Army Missile Plant, North Carolina

| AOPI  |                  |                           |                |             | PFOS (ng/L) |      | PFOA (ng/L) |      | PFBS (ng/L) |      | PFNA (ng/L) |      | PFHxS (ng/L) |      |
|---|------------------|---------------------------|----------------|-------------|-------------|------|-------------|------|-------------|------|-------------|------|--------------|------|
| OSD Tapwater Risk Screening Level   |                  |                           |                |             | 4           |      | 6           |      | 601         |      | 6           |      | 39           |      |
| AOPI  | Location         | Sample/<br>Duplicate ID   | Sample<br>Date | Sample Type | Result      | Qual | Result      | Qual | Result      | Qual | Result      | Qual | Result       | Qual |
| Industrial Wastewater Treatment<br>Plant Area (Buildings 23, 29, and<br>30) | TAMP-IWTP-MW-102 | TAMP-IWTP-MW-102-01112023 | 01/11/2023     | N           | 16          |      | 16          |      | 3.4         | U    | 1.9         | J    | 3.4          | U    |
|   | TAMP-IWTP-MW-109 | TAMP-IWTP-MW-109-01112023 | 01/11/2023     | N           | 38          |      | 43          |      | 3.0         | J    | 3.3         | J    | 3.6          |      |
|   | TAMP-IWTP-MW-115 | TAMP-IWTP-MW-115-01112023 | 01/11/2023     | N           | 93          |      | 25          |      | 2.1         | J    | 1.9         | J    | 4.6          |      |
| Plating Area (Buildings 11 and<br>20)                                       | TAMP-PA-MW-101   | TAMP-PA-MW-101-01112023   | 01/11/2023     | N           | 42          |      | 39          |      | 3.8         |      | 5.4         |      | 6.2          |      |
|   |                  | TAMP-FD-01-GW-01112023    | 01/11/2023     | FD          | 37          |      | 32          |      | 3.2         | J    | 4.7         |      | 4.6          |      |
|   | TAMP-PA-MW-106   | TAMP-PA-MW-106-01112023   | 01/11/2023     | N           | 210         |      | 8.9         |      | 3.5         | U    | 2.3         | J    | 1.9          | J    |



USAEC PFAS  
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Figure 5-2  
AOPI Locations

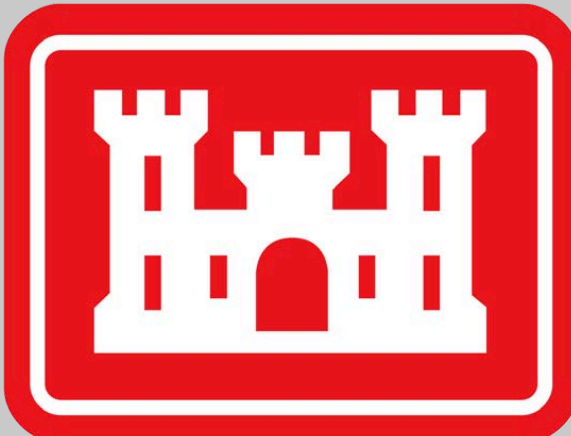
- Legend**
- Former Installation Boundary
  - Plating Area (Buildings 11 and 20)
  - IWTP Area (Buildings 23, 29, and 30)
  - Drainage Ditch/Stream
  - Surface Water Flow Direction
  - Groundwater Flow Direction (Saprolite)

AOPI = area of potential interest  
IWTP = Industrial Wastewater Treatment Plant

Data Sources:  
ESRI ArcGIS Online, Aerial Imagery  
Coordinate System:  
WGS 1984, UTM Zone 17 North

Current CERCLA Phase:

Remedial Investigation Planned



scan for more  
PFAS  
information

