Tucson Airport Area Remediation Project (TARP)
Monthly Project Summary – December, 2020

Summary

• Continued with construction to upgrade the TARP/AOP Plant to accommodate the increased flow from new TARP well R-127A that was drilled in the Summer of 2020.
• Performed regularly scheduled maintenance on the AOP UV reactors to include the replacement of 576 UV lamps.

Community Outreach

12/14: Media – AZ Daily Star – PFAS impacting mid-town and TARP

Tucson Water provides safe, clean & clear drinking water to all its customers.

Gallons of Water Treated = 214.665 MG
Pounds of TCE Removed = 16 lbs.
Pounds of 1,4 Dioxane Removed = 2.14 lbs.

Tucson Water Contacts:
Jeff.Biggs@tucsonaz.gov
Fernando.Molina@tucsonaz.gov
520-791-4331
Water Quality Report
Advanced Oxidation Process (AOP)

Monthly 1,4 Dioxane Results for December, 2020

EPA Health Advisory = 0.35 ppb
Method Reporting Limit = 0.1 ppb

<table>
<thead>
<tr>
<th>Sample Point</th>
<th>1,4 Dioxane</th>
<th>TCE</th>
<th>PFOA &amp; PFOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP-860</td>
<td>Below Method Reporting Limit</td>
<td>Below Method Reporting Limit</td>
<td>Below Method Reporting Limit</td>
</tr>
<tr>
<td>SP-930</td>
<td>Below Method Reporting Limit</td>
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<td>SP-974</td>
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<tr>
<td>SPV-1</td>
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<td>SPV-2</td>
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</tbody>
</table>

Method Reporting Limits:
1,4 Dioxane = 0.1 ppb
TCE = 0.5 ppb
PFOA & PFOS = 4.0 ppt
Water Quality Report

Advanced Oxidation Process (AOP)

Monthly TCE Results for December, 2020

TARP Monthly Project Summary
December, 2020
Page 3 of 5

- EPA Maximum Contaminant Level = 5 ppb
- Consent Decree Limit = 1.5 ppb
- Method Reporting Limit = 0.5 ppb
Monthly PFOA+PFOS+PFHxS+PFHpA Results
December, 2020

EPA SDWA Health Advisory PFOA+PFOS = 70 ppt
Tucson Water Operational Target = 18 ppt
Method Reporting Limit (MRL) for each of PFOA, PFOS, PFHxS and PFHpA is 2.0 ppt

Plant Raw Water (TA-030A)
Plant Treated Water, post-chlorination (TP-021T)
Santa Cruz Lane Reservoir (198R) (Drinking Water System)
### ACTIVITY DESCRIPTION

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>DESCRIPTION</th>
<th>LEAD AGENCY</th>
<th>COMPLETION DATE</th>
<th>% COMPLETE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-127A</td>
<td>Installation of 10th remediation well to accelerate clean-up.</td>
<td>Tucson Water</td>
<td>6/2021</td>
<td>80%</td>
<td>Also includes enhancements to pipeline route and treatment plant.</td>
</tr>
</tbody>
</table>

Next UCAB Meeting: Virtual Event on
**January 20, 2021 @5:45 – 8:00 pm**