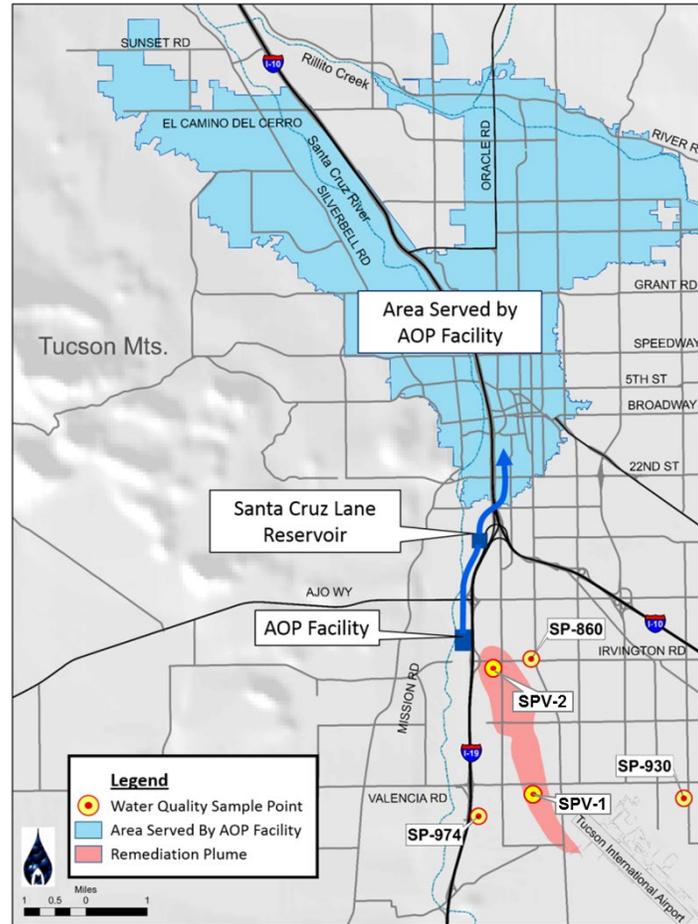


Tucson Airport Area Remediation Project (TARP) Monthly Project Summary – June, 2020

Summary

- Implemented the Packed Column Aeration (PCA) Retirement Demonstration Project which removes the redundancy of the air-stripping towers and relies solely on AOP for contaminant removal.
- Completed both drilling of the 10th TARP remediation well, R-127A, and construction of a quarter of a mile of associated piping to transport water directly to AOP.
- Enhancements to AOP Plant have begun and are ongoing.



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

Gallons of Water Treated = 110.404 MG
Pounds of TCE Removed = 9 lbs.
Pounds of 1,4 Dioxane Removed = 0.70 lbs.

Community Outreach

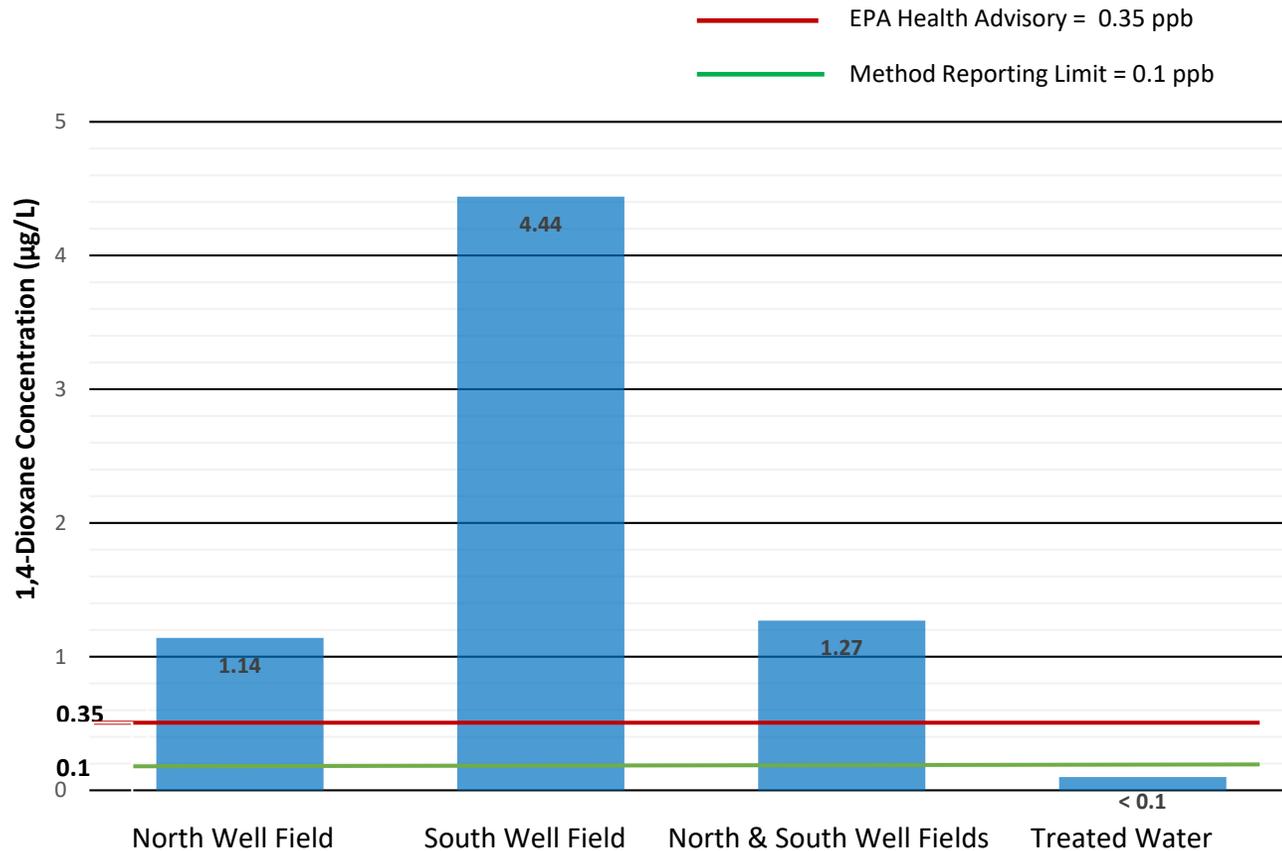
- 6/2: **Presentation** – SmartScape Español – Water Supply, Water Quality, TARP/AOP (Español)
- 6/10 – **Media** – Radio Toño – WQ Update (Español)

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 June, 2020



Distribution System

June, 2020

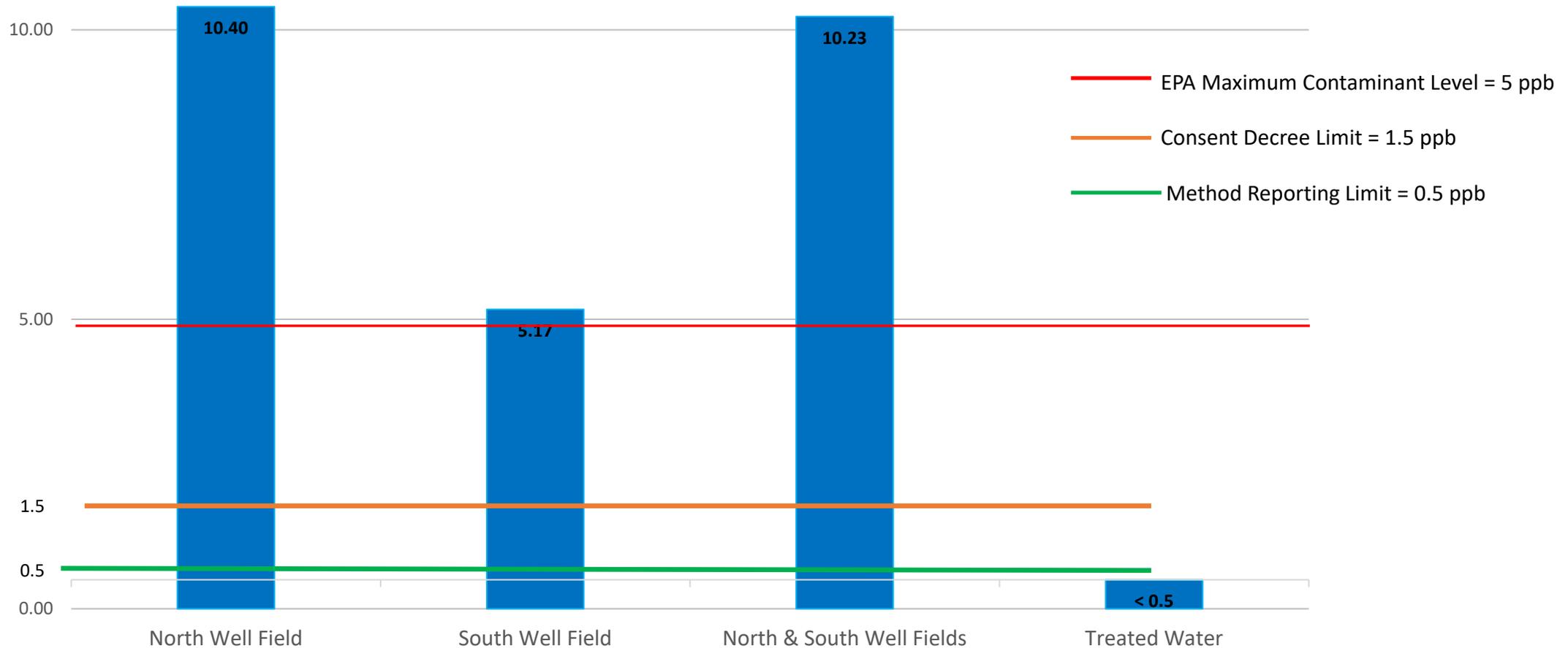
Sample Point	1,4 Dioxane	TCE	PFOA & PFOS
SP-860	Below Method Reporting Limit	Below Method Reporting Limit	Below Method Reporting Limit
SP-930	Below Method Reporting Limit	Below Method Reporting Limit	Below Method Reporting Limit
SP-974	Below Method Reporting Limit	Below Method Reporting Limit	Below Method Reporting Limit
SPV-1	Below Method Reporting Limit	Below Method Reporting Limit	Below Method Reporting Limit
SPV-2	Below Method Reporting Limit	Below Method Reporting Limit	Below Method Reporting Limit

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

Water Quality Report

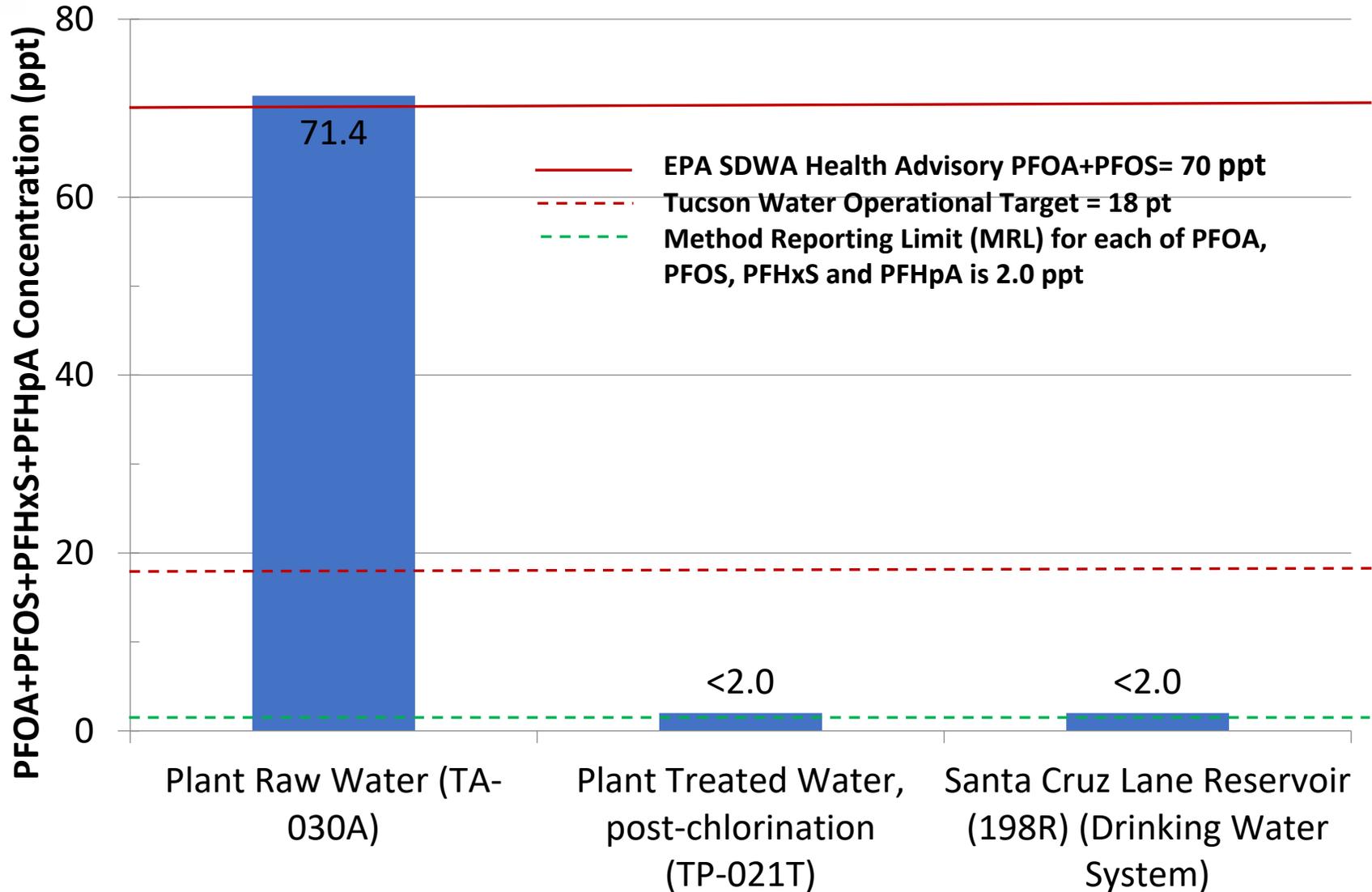
Advanced Oxidation Process (AOP)

Monthly TCE Results for June, 2020





Monthly PFOA+PFOS+PFHxS+PFHpA Results June, 2020





Status Report - TARP Activities/Projects

ACTIVITY	DESCRIPTION	LEAD AGENCY	COMPLETION DATE	% COMPLETE	NOTES
R-127A	Installation of 10 th remediation well to accelerate clean-up.	Tucson Water	6/2021	50%	Also Includes enhancements to pipeline route and treatment plant.
PCA Retirement Demonstration	Construction of additional piping to bypass Blending Station and PCA.	Tucson Water	7/2020	90%	Removal of TCE, 1-4-dioxane and PFAS by AOP renders PCA (Packed Column Aeration) redundant. EPA will review data from Retirement Demonstration for final approval to remove PCA from treatment process.
R-006A & R-007A Re-drill	Re-drilling of both wells to provide enhanced reliability.	Tucson Water	07/2021	10%	Due to age, the well casings at both R-006A & R-007A are fragile and in need of replacement.

Next UCAB Meeting: July 15, 2020 meeting cancelled due to COVID-19
El Pueblo Senior Center, 101 W. Irvington Rd., 5:45-8:00 p.m.