



AFFF Cleanout of a Firefighting Truck using the PerfluorAd® Technology at a Major Airport, CA



Remediation Goals

- Remove residual AFFF and reduce PFOA and PFOS in the firefighting truck to 2 ppt or less
- Dispose of liquid waste in the onsite wastewater treatment plant non-detect (ND) discharge limit (detection limit 2 ppt)
- Compare triple freshwater rinse to PerfluorAd® Process
- Analyze PFAS rebound

Project Characteristics

- Engine 54, Pierce Firefighting truck with a HUSKY 12 gpm Foam System
- 75 gallon onboard AFFF tank
- No PFOS detected from start

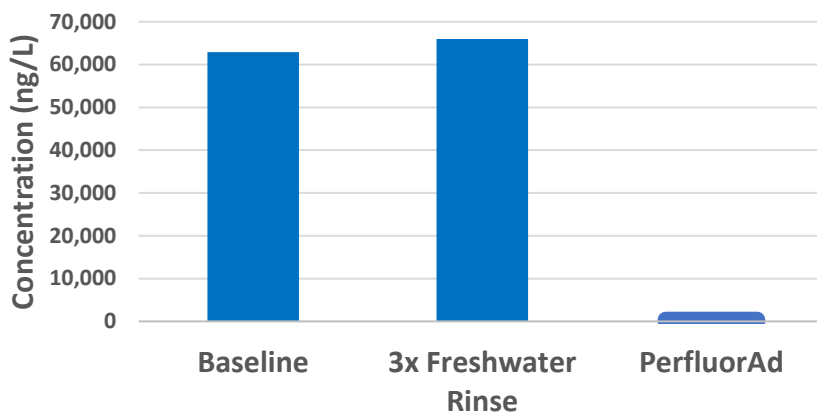
Operations

- Truck cleanout completed in four days
- Rebound testing after three days

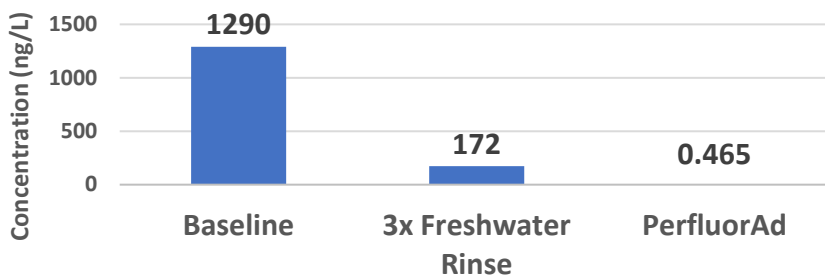
Results

- Achieved ND for 30 of 31 PFAS compounds
- 6:2 FTS was 11.2 ppt
- Rebound results were ND for PFOS and PFOA
- Waste generated:
 - <8 gallons of PFAS sludge
 - 400 lbs of spent LGAC
 - <5,000 gallons of rinsate
 - Disposed onsite in treatment plant

Total PFAS Concentrations



PFOA Concentrations



**Safe. Fast. Certain.
Guaranteed.**
An Employee Owned Company

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For more information and project examples, please visit:
www.atriplef.com