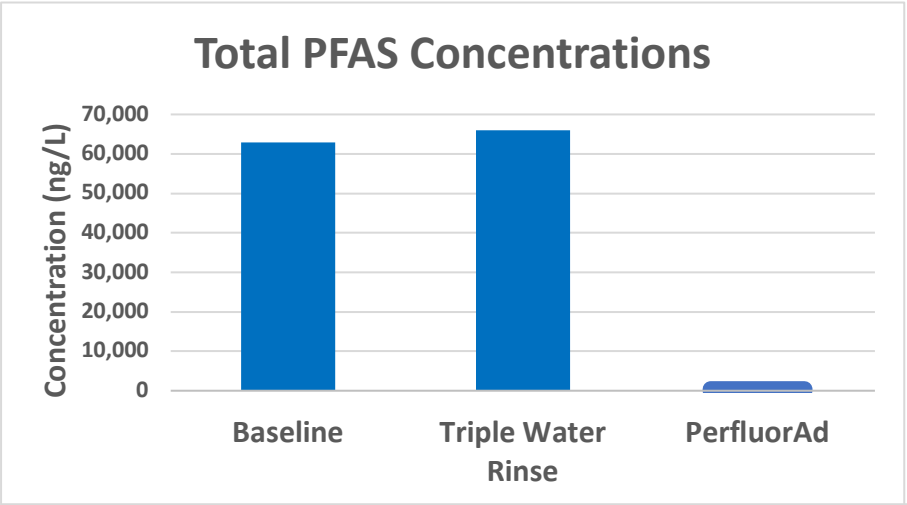
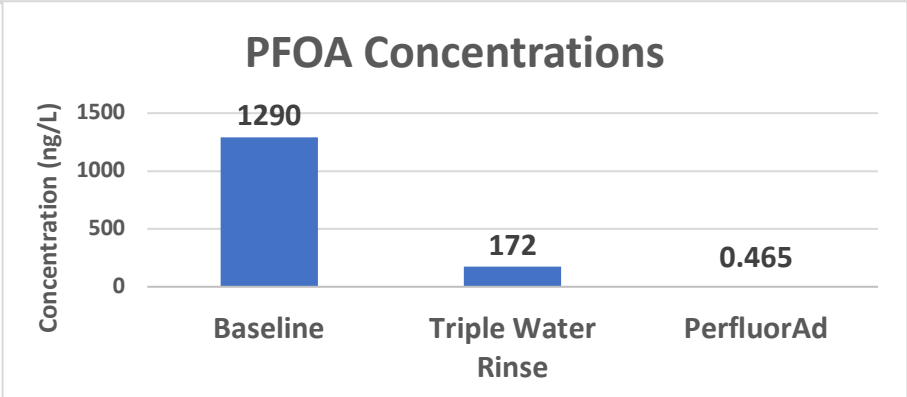
AFFF Cleanout of a Firefighting Truck using the PerfluorAd® Technology at a Major Airport, CA

TRS Group, Inc.
Accelerating Value

PFAS Concentrations in Water after Circulation through Vehicle





Remediation Goals

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

Project Characteristics

- 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

- ND for 30 of 31 PFAS analytes
- 6:2 FTS concentration was 11.2 ng/l
- No rebound for PFOS, PFOA
- Incomplete PFAS removal from triple water rinse
- Waste generated:
  - <8 gallons of PFAS sludge
  - 400 lbs of spent LGAC
  - <5,000 gallons of rinsate
  - Clean wastewater disposed onsite in treatment plant

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

Contact TRS Group:
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For more information and project examples, please visit:
www.atripleF.com