

CASE STUDY

# Oakey SAFF Plant: The Original

4+ YEARS OF CONSISTENT  
PERFORMANCE WITH NO EXCEEDANCES

## THE SOLUTION

Treat PFAS contamination caused by historical fire-fighting training

Gallons treated: >30,000,000 gal

Concentration factor: >1,000,000x

<20 gallons of tertiary fractionate

Length of operation: > 4 years ongoing

**No exceedances of criteria compounds**  
(PFOA, PFOS and PFHxS)

**Location:** Queensland, Australia

**Installation Date:** 2019

**Client:** Australian Department of Defense's Army Aviation Centre Oakey (AACO)

**Site Type:** Military

**Application:** Groundwater

**Product:** SAFF40<sup>®</sup>,  
manufactured by EPOC Enviro

**Capacity:** 66,000 GPD, progressed to 90,000 GPD

## THE RESULTS

PFAS Series	Feedwater Conc. (ng/l)	Treated Water Results (ng/l)
PFOS	2,790	< 4
PFOA	480	< 1
PFHxS	1,030	< 17
PFHx Combined PFOS + PFHxS S	3,810	< 11
8:2-FTS	32	< 1
PFDA	156	< 3
PFNA	116	< 1
6:2-FTS	100	< 6
PFHpS	104	< 20
PFHpA	367	68
PFHxA	755	402