



KEY FEATURES OF PGA SUPERFUND SITE: North & South Areas

FEATURE	PGA NORTH AREA	PGA SOUTH AREA
<i>Responsible Party (PRP)</i>	Crane Co.	Goodyear Tire & Rubber Company
<i>Use of Site</i>	Manufacturing & Testing of Explosives & Related Devices for Defense & Aerospace Application	Aviation Manufacturing & Maintenance Services, and Adjacent Airport, Former Litchfield Naval Air Station
<i>Years of Active Operation</i>	1963-1993	1943-1968 Airport 1943-1987 Adjacent to Airport
<i>Main Sources of Contamination</i>	Former dry wells	Surface spills
<i>Primary Contaminants and Current Maximum Concentrations (through August 2016 for North and September 2016 for South)</i>	<u>Trichloroethene</u> (1,500 ppb in Subunit A, 674 ppb in Subunit B, 872 ppb in Subunit C) <u>Perchlorate</u> (1,500 ppb in Subunit A, 86 ppb in Subunit B, 19 ppb in Subunit C)	<u>Trichloroethene</u> (380 ppb in Subunit A, 33 ppb in Subunit B, 72 ppb in Subunit C) <u>Chromium</u> (1,200 ppb in Subunit A, 910 ppb in Subunit B, 12,000 ppb in Subunit C)
<i>TCE Plume Size (approx.)</i>	<u>Subunit A</u> - 2.0 square miles <u>Subunit C</u> - 0.47 square miles	<u>Subunit A</u> - 0.38 square miles <u>Subunit C</u> - 0.08 square miles
<i>Number of Monitoring Wells (approx.) (through September 2016 for both North and South)</i>	116 - Subunit A, includes piezometers 4 - Subunit B 43 - Subunit C 2 - Middle Alluvial Unit	50 - Subunit A, includes piezometers 2 - Subunit B 47 - Subunit C, many with upper and lower screen intervals
<i>Number of Extraction Wells (through September 2016 for both North and South)</i>	11 - Subunit A 1 - Subunit B 3 - Subunit C	7 - operating extraction wells in Subunit A 1 - operating extraction wells in Subunit C
<i>Number of Injection Wells (through September 2016 for both North and South)</i>	15 - Subunit A	13 - Subunit A Injection wells are not being used for Subunit C at this time. Treated water is discharged to an irrigation ditch or is reused by the City of Goodyear
<i>Current Groundwater Remedy</i>	Five GW pump & treat systems (Subunits A, B, & C) using combo of ion exchange, air stripping, carbon adsorption w/reinjection, infiltration, and irrigation	Two GW pump and treat systems (Subunits A & C) using either air stripping w/reinjection or carbon adsorption w/beneficial reuse or permitted discharge to tailwater ditch
<i>Flow Rates after upgrades and system optimization ((through September 2016 for both North and South)</i>	2,330 gpm - Subunit A 20 gpm - Subunit B 405 gpm - Subunit C	574 gpm - Subunit A 353 gpm - Subunit C (one system with beneficial reuse of treated water by COG)
<i>Years of Remedy Operation</i>	1994-present	1990-present
<i>Pounds TCE Removed (approx.)</i>	47,366 pounds through August 2016	6,063 pounds
<i>Soils Remedy</i>	Soil Vapor Extraction	Soil Vapor Extraction
<i>Years of Operation</i>	1994-1998 and 2004-present	1993-1998 and 2001-2003
<i>Pounds TCE Removed (approx.)</i>	9,753 pounds (1994-1998) and 2,026 pounds (2004-August 2016)	2,524 pounds (total)