



## Washington Camp Bonneville

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### ***Facility and Location***

Camp Bonneville is located in southeastern Clark County, Washington, about 12 miles east of Vancouver and seven miles north of the Columbia River. It was established in 1909 as a drill field and rifle range for Vancouver Barracks. The camp has been used primarily as a training camp for various branches of the military. The property is largely undeveloped; more than half of its six square miles are forested. After the Army closed the facility in 1995, the Base Realignment and Closure (BRAC) Commission selected the property for transfer and reuse. Camp Bonneville was transferred via Conservation Conveyance to Clark County in October 2006.

### ***Media Sampled and Findings***

**Groundwater** — In 2011, 34 of 34 samples detected perchlorate from 0.95 to 582 ppb. In 2009, six of six samples detected perchlorate from 0.73 to 450 ppb. In 2008, two of two samples detected perchlorate at 0.32 and 490 ppb. Prior to 2007, 6 of 24 samples from the demo area (DA) 1 detected perchlorate from 5 to 214 ppb; seven samples from DAs 2 and 3 reported no detection; and 7 of 11 samples from the Landfill (LF) 4 area detected perchlorate from 2 to 100 ppb.

**Surface Water** — Prior to 2007, eight samples from Lacamas Creek reported no detection.

### ***Appropriate Actions***

Groundwater levels were above the EPA and DoD Preliminary Remediation Goal of 15 ppb. LF4 is isolated geologically and is surrounded by wide expanses of impermeable andesite bedrock. There appears to be very little plume movement into groundwater and no plume migration to Lacamas Creek. Soil removal actions were conducted at the DA 1 and LF 4 areas to remove likely source areas for munitions constituents, including perchlorate. A Feasibility Study is being conducted to address groundwater in the area. Monitoring data in the area shows almost no groundwater migration and a small plume area. The installation will continue quarterly Monitored Natural Attenuation to determine if perchlorate is being contained and concentrations are decreasing. If levels increase Camp Bonneville will assess further remediation options but it is believed the groundwater is restricted and will not impact any other water sources. Camp Bonneville is assessing a path forward at this time and monitoring will continue at the former landfill on a quarterly basis under the Washington State Model Toxics Control Act program.