



Figure 4 - Photograph of the Groundwater Remediation System

The GRS is fed by extraction well EW-2 (Figure 2) pumping at 50 to 75 gallons per minute (gpm) to an equalization tank with a containment capacity of approximately 7,000 gallons (right foreground). Water contaminated with low levels of volatile chlorinated organic solvents and degradation products (see Table 1) is remediated via two air strippers, in series (left center). Remediated water is transferred to a 7,500-gallon retention tank for analysis prior to distribution to a lined surface impoundment managed by the city of Nogales. The GRS operates within an 8,150 gallon secondary containment, to capture any equipment spills. (ADEQ, 11/2008).