

Site 8: Drainage Swale near Building 500. Site 8 consists of the drainage swale near Building 500. The swale collects rainwater drainage and water discharged from the Building 500 oil/water separator. During the 1970s, a water injection system was used while testing F-100 aircraft engines. The excess water went directly into the oil/water separator, often causing overflows. Oil-stained soil in the drainage swale was reported, and liquid waste was periodically observed in the drainage swale from 1972 to 1976. The water injection system was removed in 1977. The Site Investigation concluded the soil and groundwater at Site 8 were not contaminated by discharges from the oil/water separator. There were no Volatile Organic Compounds or Semi Volatile Organic Compounds found in the soils. Only arsenic and beryllium were detected in the soil above the calculated Preliminary Remediation Goals. Arsenic was the only contaminant that exceeded the Preliminary Remediation Goals for groundwater.

The Remedial Investigation was conducted to confirm or deny results of the Site Investigation. Results of the Remedial Investigation concluded there were no constituents exceeding the U.S. EPA Region IX Preliminary Remediation Goals detected in the soil at Site 8. Arsenic and beryllium were not detected at levels of concern during the Remedial Investigation. Therefore, there are no Contaminants of Potential Concern in the soil at Site 8. Thallium was the only Contaminant of Potential Concern detected in groundwater at Site 8 above U.S. EPA Region IX Preliminary Remediation Goals during the first round sampling event.

During the Feasibility Study, subsequent groundwater sampling events were conducted and no contaminants were detected above Applicable or Relevant and Appropriate Requirements or background levels at Site 8. It was determined the metals concentrations detected in the groundwater samples collected during the first sampling event were associated with sedimentation in the samples; therefore, No Further Action was recommended for the groundwater at Site 8. The Ohio EPA concurrence with No Further Action at Site 8 is documented in the Final No Further Action Decision Document for IRP Sites 1, 2, 3, 6, and 8, dated July 2004.