Proposed Plan for ERP Sites LF003, SS010, SS016, SS017

Cape Romanzof Long Range Radar Site

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The Proposed Plan for Cape Romanzof ERP sites LF003, SS010, SS016, and SS017 address the analytical data used to suggest the Preferred Alternatives for each site as presented by the Air Force.

The cleanup objective for ***Landfill No. 2 (LF003)*** is to protect human health and the environment by removing the soil and sediment contaminated with greater than 1 milligram per kilogram (mg/kg) of Polychlorinated Biphenyls (PCBs) currently present and any PCBs that may potentially migrate from the landfill in the future.

The preferred alternative the Air Force has chosen to meet this objective is to ***excavate and dispose of the PCB soil contaminated with greater than 1 mg/kg at an offsite landfill permitted to accept PCB-contaminated soil in Oregon.***

Soil from a local borrow source will be used to backfill the excavated area.

The preferred alternative the Air Force has chosen to meet the sediment migration objective is to ***excavate the sediment, properly containerize it, and, like the contaminated landfill soil, dispose of the PCB soil contaminated with greater than 1 mg/kg at an offsite landfill permitted to accept PCB-contaminated soil in Oregon.***

Again, soil from a local borrow source will be used to backfill the excavated area.

Following the excavation and disposal, confirmation sampling will occur and soil erosion control barriers will be constructed onsite to prevent the offsite migration of runoff water that may contain contaminated sediment. This will protect the surface which flows around the landfill and further away (Fowler Creek). Periodic maintenance will be required to remove collected sediment, which will be analyzed for PCB contamination and collected and disposed of in accordance with applicable regulations.

A notice will be placed in the property records to notify current and potential owners of the presence of the control measures. Signs will also be placed at the site to alert personnel of the potential presence of PCB contaminated soil at the sediment control barriers.

The cleanup objective for ***Spill/Leak No. 4 at the weather station building (SS010)*** is to protect human health and the environment by preventing exposure to human and environmental receptors to subsurface soil contaminated with diesel range organics (DRO) with concentrations greater then 10,250 mg/kg, and to groundwater contaminated with DRO with concentrations greater than 1.5 milligram per liter (mg/L).

The preferred alternative the Air Force has chosen to meet the objective is to **place institutional controls and engineering controls in the form of a notice in the property records to notify current and**

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potential owners of the presence of contaminants. Natural degradation/breakdown (attenuation) of the contaminants is expected to occur in the subsurface soil.

The preferred alternative the Air Force has chosen to meet the groundwater contamination of potential fuels: DRO, gasoline range organics (GRO), and residual range organics (RRO) objective is to ***place institutional controls, engineering controls, allow natural attenuation, and provide long-term monitoring (LTM)*** where groundwater is suspected to be contaminated above cleanup levels. Three monitoring wells will be installed: one at the source area and two down-gradient of the contaminated subsurface soil so that groundwater can be sampled and analyzed to check if contamination migrates from the site. Over time, natural degradation/breakdown (attenuation) of the contaminants is expected to occur.

The LTM will provide the data necessary to determine when the contamination is below cleanup levels. When that is reached, the institutional and engineering controls will be removed.

The cleanup objective for ***Upper Tram Terminal Area (SS016)*** is to protect human health and the environment by removing the soil contaminated with greater than 1 milligram per kilogram (mg/kg) of Polychlorinated Biphenyls (PCBs).

The preferred alternative the Air Force has chosen to meet this objective is to ***excavate and dispose of the PCB soil contaminated with greater than 1 mg/kg at an offsite landfill permitted to accept PCB-contaminated soil in Oregon.***

Soil from a local borrow source will be used to backfill the excavated area.

Following the excavation and disposal, confirmation sampling will occur to document the effectiveness of the remedy.

Because this is an area that is comprised of large boulders and is on a steep slope, it may not be possible to remove all PCB-contaminated soil. If that is the case, soil contaminated with greater than 1 mg/kg will be capped with clean soil/gravel and warning signs indicating the presence of PCBs will be installed. The cap and the signs will undergo periodic maintenance as long as soil concentrations are greater than 1 mg/kg.

The cleanup objective for ***Lower Tram Terminal Area (SS017)*** is to protect human health and the environment by removing the surface and subsurface soil contaminated with greater than 1 milligram per kilogram (mg/kg) of Polychlorinated Biphenyls (PCBs), and removing surface and subsurface soil contaminated with greater than 400 mg/kg of lead.

The preferred alternative the Air Force has chosen to meet this objective is to ***excavate and dispose of the PCB soil contaminated with greater than 1 mg/kg and lead-contaminated soil with concentrations greater than 400 mg/kg at an offsite landfill permitted to accept PCB-contaminated soil in Oregon.***

Following the excavation and disposal, confirmation sampling will occur to document the effectiveness of the remedy.

Public Participation

You are encouraged to comment on this Proposed Plan. The public comment period begins July 18, 2012 and ends August 17, 2012.

If there is sufficient interest for a public meeting, and one is requested before the end of the comment period, an acceptable meeting date will be will be scheduled before September 17, 2012 and the comment period will be extended.

There is a pre-addressed comment form in the Proposed Plan you can mail in. You may also email your comment to :

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