

**U.S. Department of Energy
Naval Reactors Representative's Office
Kesselring Site**

National Environmental Policy Act (NEPA) Categorical Exclusion (CX)
Determination Summary Form

ENVIRONMENTAL SAMPLING OF SOLID WASTE MANAGEMENT UNIT #55 IN THE
STORMWATER DRAIN SYSTEM EAST DITCH PROJECT

REFERENCE

10 CFR Part 1021, Department of Energy National Environmental Policy Act Implementing Procedures, Subpart D, Typical Classes of Actions

PROJECT SCOPE DISCUSSION

The scope of this project is to characterize a limited portion of the Stormwater Drain System (Solid Waste Management Unit (SWMU #55)). The characterization includes sampling of the sediment along the east ditch channel and the sampling of sediment and soil on the banks of the East ditch. The purpose of sampling is to determine if a release of hazardous constituents has occurred and if any follow-on characterization/remediation is required.

CONCLUSION

The Kesselring Site Environmental Sampling SWMU #55 in the Stormwater Drain System East Ditch Project is categorically excluded from additional NEPA documentation under 10 CFR 1021, Subpart D, Appendix B, CX B3.1. Specifically, the categorical exclusion that applies to this project are:

B3.1 Site characterization and environmental monitoring

Site characterization and environmental monitoring (including, but not limited to, siting, construction, modification, operation, and dismantlement and removal or otherwise proper closure (such as of a well) of characterization and monitoring devices, and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis). Such activities would be designed in conformance with applicable requirements and use best management practices to limit the potential effects of any resultant ground disturbance. Covered activities include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. (This class of actions excludes activities in aquatic environments. See B3.16 of this appendix for such activities.) Specific activities include, but are not limited to:

- (a) Geological, geophysical (such as gravity, magnetic, electrical, seismic, radar, and temperature gradient), geochemical, and engineering surveys and mapping, and the establishment of survey marks. Seismic techniques would not include large-scale reflection or refraction testing;
- (b) Installation and operation of field instruments (such as stream-gauging stations or flow-measuring devices, telemetry systems, geochemical monitoring tools, and geophysical exploration tools);
- (c) Drilling of wells for sampling or monitoring of groundwater or the vadose (unsaturated) zone, well logging, and installation of water-level recording devices in wells;
- (d) Aquifer and underground reservoir response testing;
- (e) Installation and operation of ambient air monitoring equipment;
- (f) Sampling and characterization of water, soil, rock, or contaminants (such as drilling using truck- or mobile-scale equipment, and modification, use, and plugging of boreholes);
- (g) Sampling and characterization of water effluents, air emissions, or solid waste streams;
- (h) Installation and operation of meteorological towers and associated activities (such as assessment of potential wind energy resources);

- (i) Sampling of flora or fauna; and
- (j) Archeological, historic, and cultural resource identification in compliance with 36 CFR part 800 and 43 CFR part 7.

NRRO Approval:



H. S. Miller

Date:

29 SEP 20

CX Determination Date