

**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 IN THE OUTFALL 001 AND OUTFALL 002 AND THE
OUTFALL STABILIZATION 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 the sediment and soil sampling is being undertaken for Solid Waste Management Unit (SWMU) #55 in the Outfall 001 and 002 discharge areas to support near-term construction activities (Outfall Stabilization Project) critical to Site operations. The scope of the Kesselring Site Outfall Stabilization Project consists of repairing erosion in the Kesselring Site (KS) Lagoon Wastewater Treatment Facility (LWTF) outfalls (001 and 002), the outfall piping (003) from the Sanitary Water Treatment Facility, grading along the banks of Glowegee Creek and restoring the areas to stabilized conditions. Stabilization of the outfalls and the Glowegee Creek banks will prevent repeat erosion and sedimentation issues.

The project does not violate applicable regulatory requirements, require construction or major expansion of waste handling facilities, result in unpermitted releases of hazardous substances, or adversely affect environmentally sensitive resources, including wetlands. The project does not involve genetically engineered organisms or species. There are no extraordinary circumstances related to the proposed action. The project has not been segmented to meet the definition of a categorical exclusion and is not connected to other actions with potentially significant and/or cumulative impacts.

CONCLUSION

The Kesselring Site Environmental Sampling SWMU #55 in Outfall 001 and Outfall 002 is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, 3.1. Specifically, the categorical exclusion that applies is:

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.

The Kesselring Site Outfall Stabilization Project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, B1.8. Specifically, the categorical exclusion that applies is:

B1.8 Screened water intake and outflow structures

Modifications to screened water intake and outflow structures such that intake velocities and volumes and water effluent quality and volumes are consistent with existing permit limits.

NRRO Approval:  Date: 30 NOV 18
H. S. Miller CX Determination Date