

**DOE/ID-10712
Revision 0
August 2000**

***Comprehensive Remedial Design/
Remedial Action Work Plan for the
Test Area North, Operable Unit 1-10,
Group 1 Sites***

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Approved by



Allen E. Jantz
OU 1-10 Project Manager

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Date

ABSTRACT

This comprehensive remedial design/remedial action work plan for the Waste Area Group 1, Operable Unit 1-10, Group 1 sites was developed to implement the selected alternatives, as stated in the *Final Record of Decision for the Test Area North, Operable Unit 1-10*. In the final Record of Decision, eight sites were identified for remedial action because contamination is present with calculated risks greater than $1E-04$ and/or hazard indices greater than 1.0 for one or more exposure scenarios. These eight sites present an unacceptable risk to human health and the environment. This work plan describes in detail the remedial design and remedial action strategies for four of those eight sites: the Soil Contamination Area South of the Turntable (TSF-06, Area B), the Disposal Pond (TSF-07), the soil excavation at the PM-2A Tanks (TSF-26), and the Fuel Leak site (WRRTF-13). The remaining sites and the tank removal at the PM-2A Tanks will be addressed in the Comprehensive Remedial Design/Remedial Action Work Plan for the Test Area North, Operable Unit 1-10 Group 2 sites. The four sites addressed in this work plan are designated Group 1; the remaining sites and the tank removal at the PM-2A Tanks are designated Group 2.

This Group 1 work plan describes the remedial design/remedial action for the excavation and disposal of contaminated soils at the Soil Contamination Area South of the Turntable (TSF-06, Area B) and at the PM-2A Tanks (TSF-26); it also describes the installation of site controls at the Disposal Pond (TSF-07), and the results of post-Record of Decision sampling at the Fuel Leak site (WRRTF-13) that confirms that excavation is not required. In addition to this work plan, the following documents are needed to implement these remedial actions: the health and safety plan, the operations and maintenance plan, the waste management plan, the institutional controls plan, and the sampling and analysis plan.

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ACRONYMS

AOC	area of contamination
ARAR	applicable or relevant and appropriate requirement
bgs	below ground surface
bls	below land surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COC	contaminant of concern
D&D	decontamination and dismantlement
DOE	U.S. Department of Energy
DOE-ID	U.S. Department of Energy Idaho Operations Office
EPA	U.S. Environmental Protection Agency
FFA/CO	Federal Facility Agreement and Consent Order
FRG	final remediation goal
FY	fiscal year
HASP	health and safety plan
HI	hazard index
HWD	hazardous waste determination
ICDF	INEEL CERCLA Disposal Facility
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
INEEL	Idaho National Engineering and Environmental Laboratory
M&O	management and operation
MCP	management control procedure
NLCI	no-longer contained-in

NESHAP	National Emission Standards for Hazardous Air Pollutants
O&M	operations and maintenance
OU	operable unit
PCB	polychlorinated biphenyl
RAO	remedial action objective
RBCA	risk-based corrective action
RCRA	Resource Conservation and Recovery Act
RCT	radiological control technician
RD/RA	remedial design/remedial action
RD/RAWP	Remedial Design/Remedial Action Work Plan
RFP	request for proposal
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision
RPSSA	Radioactive Parts Security Storage Area
RWMC	Radioactive Waste Management Complex
SVOC	semivolatile organic compound
TAN	Test Area North
TSF	Technical Storage Facility
VOC	volatile organic compound
WAG	waste area group
WDDF	INEEL Waste Determination and Disposition Form
WRRTF	Water Reactor Research Test Facility