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***Comprehensive Remedial Design/Remedial
Action Work Plan for the Test Area North,
Waste Area Group 1, Operable Unit 1-10,
Group 2 Sites***



Idaho National Engineering and Environmental Laboratory

**Comprehensive Remedial Design/Remedial Action
Work Plan for the Test Area North, Waste Area
Group 1, Operable Unit 1-10, Group 2 Sites**

Published November 2001

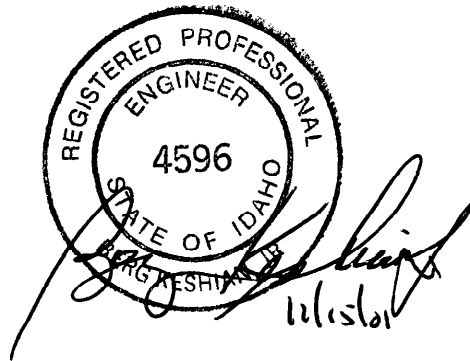
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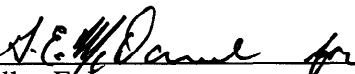
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ABSTRACT

This *Comprehensive Remedial Design/Remedial Action Work Plan for the Waste Area Group 1, Operable Unit 1-10, Group 2 Sites* was developed to implement the selected remedy as stated in the *Final Record of Decision for the Test Area North, Operable Unit 1-10*. The two sites addressed in this work plan are the Intermediate-Level (Radioactive) Waste Disposal System (Technical Support Facility [TSF]-09) and the Contaminated Tank southeast of V-3 (TSF-18). Collectively, the sites are referred to as the V-Tanks. As presented in the Final Record of Decision, the two sites pose a threat to human health and the environment. The 1999 Final Record of Decision and 2001 Explanation of Significant Differences determined the selected remedy for the sites as soil and tank removal, ex situ treatment of tank contents, and disposal of the removed material. This work plan describes the remedial design and remedial action for the selected remedy and references supporting documents required to conduct this Comprehensive Environmental Response, Compensation, and Liability Act remedial action.

CONTENTS

ABSTRACT	iii
ACRONYMS AND ABBREVIATIONS.....	ix
1. INTRODUCTION	1-1
1.1 Work Plan Organization	1-2
1.2 Background.....	1-3
1.2.1 Area Background	1-3
1.2.2 Remedial Action Sites	1-3
1.3 Selected Remedy Implementation Approach	1-11
1.4 Pre-Remedial Action Sampling (V-9 Criticality Evaluation).....	1-12
2. DESIGN BASIS.....	2-1
2.1 Remedial Action Objectives	2-1
2.2 Remedy Performance Objectives	2-1
2.3 Design Objectives.....	2-2
2.4 Regulatory Requirements	2-2
2.5 DOE Related Orders and Standards	2-2
2.6 Industrial Standards	2-3
2.7 INEEL Requirements and Documents.....	2-3
3. UNCERTAINTY MANAGEMENT	3-1
3.1 Timing for Tank V-9 Criticality Results	3-1
3.2 Criticality Uncertainty for Tank V-9	3-1
3.3 Tank V-3 Overflow Prevention	3-2
3.4 Sludge Interim Storage at the INEEL.....	3-2
3.5 Schedule Contingencies.....	3-3
3.6 Off-Site Treatment Facility for Sludge.....	3-3
4. Remedial Design	4-1
4.1 Design Assumptions	4-1

4.2	Design Criteria.....	4-2
4.3	Technical Elements.....	4-2
4.3.1	Onsite Drainage Control.....	4-2
4.3.2	Offsite Drainage Control.....	4-3
4.3.3	Access Control.....	4-3
4.3.4	Drum Storage/Water Storage/Decontamination Area.....	4-3
4.3.5	HIC Storage/Drum Filling, Staging Area.....	4-3
4.3.6	Soil Bag/Debris/Tank Storage Area.....	4-3
4.3.7	Radiation Shielding.....	4-4
4.3.8	Shoring.....	4-4
4.4	Process Description.....	4-4
4.4.1	V-Tank Sludge Removal/Water Treatment.....	4-4
4.4.2	Drum Filling/Water Treatment.....	4-6
4.5	Quality Assurance.....	4-7
5.	ENVIRONMENTAL COMPLIANCE.....	5-1
5.1	Applicable or Relevant and Appropriate Requirements.....	5-1
6.	REMEDIAL ACTION WORK PLAN.....	6-1
6.1	Project Controls.....	6-1
6.1.1	Field Oversight/Construction Management.....	6-1
6.1.2	Protocol and Coordination of Field Oversight.....	6-1
6.1.3	Project Cost Estimate.....	6-1
6.1.4	Project Schedule.....	6-1
6.2	Remedial Action Work Tasks.....	6-6
6.2.1	Premobilization.....	6-6
6.2.2	Construction Activities.....	6-6
6.3	Remedial Action Sampling.....	6-8
6.3.1	Confirmatory Sampling of Excavation Floor Soils.....	6-8
6.3.2	Waste Characterization.....	6-9
6.3.3	Further Characterization of Contaminated Soil.....	6-9
6.4	Waste Management and Transportation.....	6-10
6.5	Inspections.....	6-15
6.5.1	Prefinal Inspection.....	6-15
6.5.2	Final Inspection.....	6-15

6.6	Supporting Documents	6-16
6.6.1	Remedial Action Confirmation Field Sampling Plan	6-16
6.6.2	Health and Safety Plan.....	6-17
6.6.3	Decontamination Plan.....	6-17
6.6.4	Waste Management Plan.....	6-18
6.6.5	Operations and Maintenance Plan	6-18
6.6.6	Institutional Control Plan.....	6-18
6.6.7	Spill Prevention/Response Program	6-18
7.	CHANGES TO REMEDIAL DESIGN/REMEDIAL ACTION SCOPE OF WORK AND GROUP 2 RD/RA WP.....	7-1
8.	INSTITUTIONAL CONTROLS, OPERATIONS AND MAINTENANCE, AND FIVE-YEAR REVIEW.....	8-1
8.1	Institutional Controls	8-1
8.2	Operations and Maintenance	8-1
8.3	Five-Year Review.....	8-1
9.	REFERENCES	9-1
	Appendix A—Design Drawings	
	Appendix B—Design Specifications	
	Appendix C—Design Calculations	
	Appendix D—Air Emissions Modeling and Data Output	
	Appendix E—Quality Level Evaluation	
	Appendix F—Remedial Action Cost Estimate	
	Appendix G—Tank V-9 Analytical Sample Results Report	
	Appendix H—V-Tanks Characterization Sampling Data	
	Appendix I—V-3 Overflow Prevention Plan	
	Appendix J—Agency Comment Resolution Forms	

FIGURES

1-1.	Location of Test Area North at the Idaho National Engineering and Environmental Laboratory ..	1-4
1-2.	V-Tank Sites at TAN	1-5
1-3.	Primary waste sources and relationship among remedial sites	1-7
1-4.	Area of contamination and site structures.....	1-10
4-1.	V-Tank Sludge Removal/Water Treatment Process Flow Diagram.....	4-9

4-2. V-Tank Sludge Removal/Water Treatment Process Flow Mass Balance Tables 4-10

4-3. V-Tank Drum Filling and Dewatering Process Flow Diagram..... 4-11

4-4. V-Tank Drum Filling and Dewatering Process Flow Composite Mass Balance Table..... 4-12

4-5. V-Tank Backup Water Treatment Process Flow Diagram..... 4-13

6-1. V-Tanks remedial design/remedial action project working schedule 6-3

TABLES

1-1. WAG 1, OU 1-10 sites requiring remediation 1-1

5-1. ARARs for the V-Tanks (TSF-09 and TSF-18) selected remedy 5-2

5-2. Newly Identified Regulatory Requirements for the OU 1-10 V-Tank Remediation, under consideration in the ESD..... 5-7

6-1. Working schedule and enforceable dates for the OU 1-10 Group 2 remedial action 6-2

6-2. Proposed Waste Handling and Packaging for Remediation Waste..... 6-11

7-1. Working schedule and enforceable milestones for the Group 3 RD/RA WP development..... 7-1

ACRONYMS AND ABBREVIATIONS

ALARA	as low as reasonably achievable
AOC	area of contamination
ARAR	applicable or relevant and appropriate requirement
ATG	Allied Technology Group
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
COC	contaminant of concern
DOE	Department of Energy
DOE-ID	Department of Energy Idaho Operations Office
DOT	Department of Transportation
EPA	Environmental Protection Agency
ESD	Explanation of Significant Differences
FFA/CO	Federal Facility Agreement and Consent Order
FRG	final remediation goal
FSP	field sampling plan
GAC	granular-activated carbon
HASP	Health and Safety Plan
HIC	high-integrity container
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
IX	ion exchange
LDR	land disposal restriction

LSA	low specific activity
LSC	Low Safety Consequence
M&O	management and operation
MCP	management control procedure
NESHAP	National Emission Standards for Hazardous Air Pollutants
O&M	operations and maintenance
OU	operable unit
PCB	polychlorinated biphenyl
PLN	plan
PPE	personal protective equipment
PRD	program requirements document
RAO	remedial action objective
RCRA	Resource Conservation and Recovery Act
RD/RA	remedial design/remedial action
RD/RA WP	Remedial Design/Remedial Action Work Plan
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision
SOW	scope of work
SVOC	semivolatile organic compound
TAN	Test Area North
TBC	to be considered
TBD	to be determined
TCLP	toxicity characteristic leaching procedure
TPR	technical procedure
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage, and Disposal Facility
TSF	Technical Support Facility

VCO	Voluntary Consent Order
VOC	volatile organic compound
WAC	waste acceptance criteria
WAG	waste area group
WRRTF	Water Reactor Research Test Facility