Los Alamos Environmental Restoration Records Processing Facility

ER Record I.D.# 0015266

DATE RECEIVED: 02/03/93 PROCESSOR: MKB

ENTERED
LOS ALAMOS
LOS ALAMOS NATIONAL LABORATORY

ENVIRONMENTAL RESTORATION
Records Processing Facility
ER Record Index Form
(Side 1 of 2)

**Part I**: Complete all fields; indicate if not applicable or appropriate; please write legibly.

DOCUMENT TO: Cheryl Roger DOCUMENT DATE: 02/03/93

ORIGINATOR NAME: Dave McInroy ORGANIZATION: EES-1

SYMBOL: EM-13:93-109 PAGE COUNT: 1

SUBJECT/TITLE: Information Pertaining To UST Structure Number TA-6-47.

RECORD TYPE (Circle relevant type for primary record; type of attachments should be selected on *Keywords List*):

| | | | | |
|---|---|---|---|---|
| Analytical Data | Excerpt | Map | Plan | Study |
| Article | FAX | Memo | Procedure | Summary |
| Chain-of-Custody | Figure | Microform | Purchase Request | Telephone Record |
| Chart | Form | Notebook | Receipt Acknowledgment | TOC |
| Computer Output | Interview | Outline | Report | Transcription |
| Contract | Letter | Personal Notes | Review | Video |
| Controlled Distribution | List | Photo | SOW | Work Plan |
| Drawing | Logbook | | | Other |

RECORD CATEGORY: P
(P for Programmatic or R for Reference)

RECORD PACKAGE #: —

RECORD FILMED (Y/N): Y

RECORD LOCATION: —
(Indicate location of record if not filmed.)

**Part II**: Complete all fields; indicate if not applicable or appropriate; please write legibly. Use *ER Record Index Form Attachment Sheet* if needed.

ATTACHMENTS FILMED (Y/N): —
(Were attachments to this record filmed?)

LOCATION: —
(Indicate location of attachments.)

| TECH AREA(S) | ADS NO(S) | WBS NO(S) | STRUCTURE NO(S)/MDA |
|---|---|---|---|
| *LIST RELEVANT TECH AREA(S).* | *LIST RELEVANT ADS NO(S).* | *LIST RELEVANT WBS NO(S).* | *LIST RELEVANT STRUCTURE NO(S)/MDA.* |
| 6 | 1111 | 1.4.2.6.1.14 | 6-47 |

33048

**Part III:** Complete all fields; indicate if not applicable or appropriate; please write legibly. Use *ER Record Index Form Attachment Sheet* if needed.

| PRS NO(S) | DOCUMENT TO | ORIGINATOR NAMES |
|---|---|---|
| *LIST RELEVANT PRS NO(S).* | *LIST MULTIPLE RECIPIENTS.* | *LIST MULTIPLE ORIGINATORS.* |

FILE FOLDER: _____

CORRECTION (Y/N): _____
(Is this a correction to a record previously processed?)

CORRECTED #: _____
(If answer is Yes, please give ER Record # for corrected record.)

CORRECTION DESCRIPTION (Optional): _____

SUPERCEDE: _____ REPLACE: _____ DELETE: _____ ADD: _____ REVISE: _____

ATTACHMENT LIST

N/A

**KEYWORDS**: Circle relevant KEYWORDS from the list below for ER Record #: 15266

**MISCELLANEOUS** (List other indexing criteria as necessary; please write legibly):
OU 1111, Information, UST 6-47, 511536

Abandon
Aboveground Tank
Absorption
Abstract
Accelerator
Access
Accident
Accumulation
Acid
Active
Administrative
**ADS** (Activity Data Sheet)
Adsorption
**AEC** (Atomic Energy Commission)
Aerial
Agenda
Agreement
Air
Alpha
Americium
Analysis
Analytical
**AOC** (Area of Concern)
Approval
Aquifer
**ARAR** (Applicable, Relevant, or Appropriate Requirements)
Archaeology
Archive
Area
Arsenic
Asbestos
Asphalt
Assessment
Audit

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Backfill
Bacteria
Barium
Baseline
**BCP** (Baseline Change Proposal)
Beds
Bermed Area
Beryllium
Beta
Biology
Blank
Boiler
Boneyard
Bunker
Buried
Burn
Burn Site

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Cadmium
Caisson
Calibration
Canyon
Capacitor
Caustic
**CEARP** (Comprehensive Environmental Assessment and Response Program)
Cement
**CERCLA** (Comprehensive Environmental Response, Compensation, and Liability Act)
Certification
Cesium
Chain of Custody
Chamber
Change Control
Change Order
Charge
Chart
Checklist
Chemical
Chromium
Cleanup
Clearance
Closure
Clothing
**CMI/RA** (Corrective Measures Implementation/Remedial Action)
**CMS/FS** (Corrective Measures Study/ Feasibility Study)
Cobalt
Comment
Committee
Community Relations
Compliance
Compressed Gas
Computer Modeling
Computer Output
Concern
Concrete
Concurrence
Configuration
Construction
Container
Containment
Contaminant
Contract
Control
Controlled Distribution
Core
Corrective Action
Correspondence
Criteria
Cyanide

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Data
Deadline
Debris
Decision Analysis
Decommission
Decontamination
Deficiency
Deliverable
Demolition
Description
Detection
Detonation
Development
Discharge
Disposal
Documentation
**DOE** (Department of Energy)
Dose
**DQO** (Data Quality Objectives)
Draft
Drainage
Drainline
Drawing
Drilling
Drop Tower
Drum
Dry Well
Dump
Duplicates

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Ecology
Effluent
**EIS** (Environmental Impact Statement)
Emission
Engineering
Environmental
**EPA** (Environmental Protection Agency)
Equipment
**ERDA** (Energy Research and Development Administration)
Erosion
Error
**ES&H** (Environment, Safety, and Health)
Estimate
Evacuation
Evaluation
Evaporator
Excavation
Exclusion
Exhaust
Experiment
Explosive
Exposure
Extension
Extraction

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Facility
Fallout
Farm
FAX
Fence
Field
Figure
Filter
**FIMAD** (Facility for Information Management, Analysis, and Display)
Finding
Fire
Firing Site
Fiscal
Fission
Five-Year Plan
Flow
Flow chart
Fluid
Form
Framework
Free
Fuel
Fume

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Gamma
Gas
Generation
Generic
Geochemistry
Geology
Geophysics
Glass Beaker
Glove Box
Graph
Guidance
Gun

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Handling
Hazardous
Health
**HE** (High Explosive)
History
Hole
Home Owner
Hood
**HSWA** (Hazardous and Solid Waste Amendments)
Hydrology
Hygiene

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Impact
Implementation
Implosion
Impoundment
Inactive
Incident
Incinerator
Industrial
Infiltration
Injection Well
Injury
Inorganic
Inspection
Installation
Interim
Interim Action
Internal
Interview
Inventory
Investigation
**IRM** (Interim Remedial Measure)
Isotope
**IWP** (Installation Work Plan)

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Lab Job
Laboratory
Lagoon
Land
Landfill
Laundry
Leach
Lead
Leak
Legal

Letter
Limit
Lines
Liquid
List
Log
Logbook

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Magazine
Management
Manhole
Map
Material
MDA (Material Disposal Area)
Media
Meeting
Memo
Mercury
Metal
Microform
Minimization
Minutes
MIS (Management Information System)
Mixed Waste
MOA (Memo of Agreement)
Model
Modification
Money (Allocation, Appropriation, Budget, Cost, Funding, etc.)
Monitoring
Monthly Report
Mortar Impact Area
MOU (Memo of Understanding)
MSA (Major System Acquisition)

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NEPA (National Environmental Policy Act)
NFA (No Further Action)
Nitrate
NMED (New Mexico Environment Department)
NMEID (New Mexico Environmental Improvement Division)
NOD (Notice of Deficiency)
Nonexplosive
Notebook
Notification
NPDES (National Pollutant Discharge Elimination System)
NRC (Nuclear Regulatory Commission)
Nuclear

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Observation
Off-gas
Oil
Open
Open Burning
Operation
Order
Organic
Organization
OSHA (Occupational Safety & Health Administration)
OU (Operable Unit)
Outfall
Outline

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Pad
PA/RFA (Preliminary Assessment /RCRA Facility Assessment)
PCB (Polychlorinated Biphenyl)
Permit
Personal Notes
Personnel
Personnel Qualification
Photo
Pilot Study
Pipe
Pit
Plan
Plant
Plutonium
Pollution
Polonium
Polaroid
Potential
Presentation
Prevention
Priority
Procedure
Program
Programmatic
Project
Project Leader
Propellant
Property
Proposal
Protection
Protocol
PRS (Potential Release Site)
Public
Pump
Purchase Request

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Quality
QA (Quality Assurance)
QP (Quality Procedure)
Quarterly Report

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Radioactive
Radiochemistry
Radionuclide
Radium
Rationale
RCRA (Resource, Conservation, and Recovery Act)
Reactor
Receipt Acknowledgment
Recommendation
Reconnaissance
Records
Recovery
Recycle
Reduction
Reference
Regulation
Release
Remediation
Removal
Report
Request
Requirements
Research
Resin Bed
Resolution
Resource
Respirator
Response
Restoration
Restriction
Results
Review
Revision
RFI/RI (RCRA Facility Investigation/Remedial Investigation)
Risk
RPF (Records Processing Facility)

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Safety
Salamander
Salvage
Sample
Sampling Plan
Sanitary
Satellite
Schedule
Scope
Scrap
Scrap Detonation Site
Screening
Scrubber
Search
Security
Seep
Seminar
Semivolatile
Septic
Sewer
Shaft
Sheet
Shell
Shot
Silver
Site
Sludge
Soil
Solid
Solvent
SOP (Standard Operating Procedure)
SOW (Statement of Scope of Work)
Specific
Spill
Stack
Standard
Statistics
Steamline
Steel
Storage
Strontium
Structure
Study
Subcontractor
Subsurface
Summary
Sump
Support
Surface
Surveillance
Survey
Swipe
SWMU (Solid Waste Management Unit)
System

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Table
Tank
Task
TCLP (Toxicity Characteristic Leaching Procedure)
TDD (Technical Document Description)
Technical
Technical Team
Technology
Telephone Record
Test Area
Testing
TLD (Thermoluminescent Dosimeter)
TOC (Table of Contents)
Townsite
Toxic
Tracking
Training
Transcription
Transfer
Transformer
Transport
Treatment
Trench
Trip Report
Tritium
TRU (Transuranic)
TSCA (Toxic Substances Control Act)
Tuballoy
Tuff

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Underground
Uranium
Urine
USGS (United States Geological Survey)
UST (Underground Storage Tank)
Utility

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Validation
Variance
VE (Value Engineering)
Ventilation
Verification
Video
Volatile
Volume

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Warehouse
Waste
Water
WBS (Work Breakdown Structure)
Weapon
Well
Work
Working Group

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Zinc

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

19-0106 (1)

# memorandum

TO: Cheryl Rofer, EES-1, MS D462

DATE: February 3, 1993

FROM: Dave McInroy, EM-13 DM

MAIL STOP TELEPHONE: M992/7-0819

SYMBOL: EM-13:93-109

SUBJECT: **INFORMATION PERTAINING TO UST STRUCTURE NUMBER TA-6-47**

In response to your request, I am supplying you with information pertaining to an underground storage tank (UST) in which I supervised the removal. The UST was located TA-6, immediately adjacent to the concrete bowl on the south side of Two Mile Mesa Road.

In 1987 the Laboratory received funding to remove all abandoned USTs which historically stored petroleum products. These tanks were identified as a result of the Department of Energy's (DOE) Environmental Survey which was conducted during the same year. During this identification process the Environmental Surveillance Group (HSE-8) added UST 6-47 to the list of tanks to be removed. This vessel was added because it was identified as a "fuel oil tank" in the Facilities Engineering Division's Structure identification and Location Map Book (gray book).

The following information was recorded during the removal of the tank and was retrieved from my logbook number S11536, page 6.

- The tank was partially buried with approximately 1/4 of the tank exposed.
- The approximate size of the vessel was 12 feet long with a 4.5 foot diameter.
- The tank had a 3.5 inch threaded opening on the top which was uncapped.
- There was approximately 600 gallons of liquid in the tank (resembled water).
- The contents of the tank were analyzed for gross alpha, beta, gamma and tritium prior to removal. There was no detectable activity (NDA) associated with the contents of the tank.

It was standard practice that the liquid from these "petroleum" tanks was picked up by recycling companies. The contents of this tank were bulked with contents of other tanks and recycled. The UST itself was cut-up and the steel was salvaged by Johnson Controls (Pan Am at the time).

Should you have any questions please contact me at 667-0819.

DM:vvm

Received by ER-RPF
JUN 09 1993
YCG

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