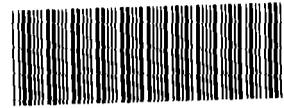


43100



000069529



Rocky Mountain
Remediation Services, L.L.C.
protecting the environment

INTEROFFICE

MEMORANDUM

DATE May 14, 1998

TO Distribution

FROM G R Konwinski, Environmental Manager, ^{May} Bldg 116, X2729

SUBJECT ABOVE GROUND STORAGE TANK (AST) INSPECTIONS - GRK-062-98

Attached please find a copy of the Final UST/AST Program Plan and correspondence that pertains to respective tanks in your area Also, a copy of the Aboveground Storage Tank (AST) Inspection Checklist is provided for your use

If you have any questions regarding this information, please call myself or Veronica Orozco at extension 4493

GRK/vlo

Enclosures
As Stated

Distribution

M C Broussard
D W Clark - *Bldg. 881*
S L Wilson

RMRS Records »

cc w/o encl
C C Albin
D W Coyne
D E Kunz
J W Patterson
K Z Wolf



ADMIN RECORD

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE, P O BOX 464, GOLDEN, COLORADO 80402 (303)966-7000

1/21

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

IA-A-000883
IA-A-000883

FINAL

UST/AST PROGRAM PLAN

DECEMBER 1997

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1.0 INTRODUCTION

The Department of Energy, Rocky Flats Field Office (DOE, RFFO) Kaiser-Hill Company, L.L.C. (Kaiser-Hill), its Integrating Management Contractor at the Rocky Flats Environmental Technology Site (Site), and the principal subcontractors who, together with Kaiser-Hill, make up the Kaiser-Hill Team are committed to the protection of public health and the environment through the comprehensive management of underground and aboveground storage tanks containing petroleum products or certain hazardous substances. The purpose of the Site *Underground Storage Tank (UST)/ Aboveground Storage Tank (AST) Program Plan* is to provide the overall framework for UST/AST petroleum and chemical compliance at the Site and to demonstrate the Kaiser-Hill Team's adherence and commitment to the principles of safe tank management. This document references specific program element plans, procedures, and practices that further detail the Site-wide requirements and responsibilities for the operation and management of USTs and ASTs in an environmentally safe manner.

The UST/AST plan is part of a hierarchy of documents that defines and explains the Site UST/AST Program. The plan is based on Kaiser-Hill *Environmental Management Policy* and the *Environmental Management Program Plan*, which reference this document. This plan describes the environmental management system (EMS) elements for the management of storage tanks that make up the International Standards Organization (ISO) 14001 EMS standard.

Note. Tank storage systems used to store Resource Conservation and Recovery Act (RCRA)-defined wastes (6 *Code of Colorado Regulations* [CCR] 1001-7, Parts 261, 264, 265) are addressed in the *RCRA Program Plan*.

2.0 PROGRAM DESCRIPTION AND OBJECTIVES

The Site manages tanks that store petroleum products (e.g., diesel, gasoline), nitric acid, sulfuric acid, and hydrochloric acid. USTs and ASTs must be managed according to federal and state regulations and procedures to protect human health and safety and the environment from the hazards posed by a spill or leak of a substance from these storage tanks. A spill or leak has the potential to impact soil, surface water, and groundwater to varying degrees, depending on the substance spilled or leaked.

The Kaiser-Hill Team provides both the technical and administrative oversight of the UST/AST Program at the Site, with one of its subcontractors assigned the primary responsibility for the day-to-day management and administration of the program. The program is implemented by all departments that own USTs or ASTs. UST/AST management must be handled in accordance with established procedures from the time an UST/AST is opened to its ultimate closure. Owners of USTs/ASTs are responsible for complying to all rules and procedures set forth in federal, state, and Site guidelines and regulations. The DOE, RFFO is the regulatory compliance point of contact for the Site's UST/AST Program with the state of Colorado and ensures that regulatory requirements and certifications are completed in accordance with the regulations in an accurate and timely manner.

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3.0 PROGRAM DEFINITION AND ELEMENTS

This section describes the scope and organization of the Site UST/AST Program. Figure 3-1 shows the organizational structure of the UST/AST Program. The UST/AST Program Plan covers two functional areas: USTs containing petroleum products or chemicals and ASTs. UST chemicals covered in this UST/AST Plan are hazardous substances listed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), excluding any substance regulated as a hazardous waste under Subtitle C of RCRA. The requirements, periodic reports, implementing systems, and regulatory drivers of each area are described in the following sections.

3.1 USTs Containing Petroleum Products or Chemicals

The management of USTs that store petroleum products or chemical products is addressed under the Colorado hazardous waste regulations, RCRA regulations, and the National Fire Protection Association (NFPA) regulations. These requirements are summarized below

Requirements

- Obtain UST permits, register USTs annually, and pay fees.
- Ensure USTs installed after December 22, 1988 meet specified performance and design standards; upgrade or close USTs installed prior to December 22, 1988 by specified deadlines
- Operate and maintain USTs to prevent releases, report releases, and remediate areas contaminated by releases of regulated substances from USTs.
- Maintain required UST records.
- Close unused UST systems.
- Post applicable warning signs near fill pipes and vent lines.
- Construct and design USTs in accordance with applicable specifications for vent lines, fill pipes, product dispensers, and ancillary equipment.
- For tanks subject to release detection, equip tank dispensing lines with flow meters
- Operate tank fill pipes with a metal catch pan or other mechanism capable of containing spills resulting from delivery hose connects/disconnects.

- Following operating and tank filling requirements/procedures to prevent spills and overfills
- Operate, calibrate, and maintain automatic tank gauging systems in accordance with the manufacturer's recommendations.
- Perform all repairs in accordance with applicable codes or practices of nationally recognized associations (e.g., NFPA, American Petroleum Institute, etc.).
- Ensure that repairs to fiberglass reinforced plastic tanks are performed by the manufacturer's authorized representative.
- Immediately repair or replace damaged or leaking equipment.
- Conduct tightness test on all repaired tanks within 30 days of the completion of repair(s)
- Install and inspect cathodic protection systems on steel tanks.
- Maintain adequate records on all tank repairs.
- Perform monthly static tests on the tank to monitor for leaks
- Perform inspections of USTs at least every 30 days
- Perform and document inventory reconciliation and leak detection monitoring at least every 30 days
- Identify and complete any corrective actions necessary to remediate problems or deficiencies
- Perform inspections, inventory measurements, and calculations during holidays, vacations, and plant shutdowns when necessary to meet the 30 day inspection frequency requirement.
- All records concerning the maintenance and operation of the UST shall be kept indefinitely by the UST Custodian. Minimally, the following records shall be maintained
 - Product inventory records,
 - Automatic tank gauging system monitoring,
 - Tank tightness testing results,
 - Inspection reports,

- Corrective action plan for UST release remediation, at direction of the Colorado State Inspector of Oils.
- Notification of intent to permanently close USTs or of a change in service
- Report all spills/overfills that involve greater than 25 gallons of petroleum fuel or any volume that is not cleaned up within 24 hours to the State Inspector of Oils.
- Report all suspected releases within 24 hours of their discovery to the State Inspector of Oils. A suspected release includes any of the following conditions:
 - Discovery of contamination in the environment from a release,
 - The occurrence of unusual operating conditions (e.g., automatic gauging system alarms, loss of inventory, unexplained presence of water in the UST), unless the system is found to be defective but not leaking and is immediately repaired, or
 - Release detection monitoring results indicate a release unless the equipment is found to be defective and is immediately repaired

Implementing Systems and Controlling Documents

- *Operation of Petroleum Underground Storage Tanks, 1-10000-HWRM,13.0.*
- *Health and Safety Practices Manual (1-N08-HSP-2104)*

Regulatory Drivers

- Federal regulations. 40 *Code of Federal Regulations (CFR)* 280
- Colorado regulations: 6 CCR 1007-5, Part 280, 7 CCR 1101-14.
- NFPA 30.
- *Rocky Flats Cleanup Agreement (RFCA)* 6.50(g), 8.66, 24.271, and Attachment 13.

3.2 ASTs

The management of AST is regulated by the state regulations and NFPA 30. Requirements from those regulations are summarized below.

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- Repair or replace all damaged or leaking equipment in accordance with applicable codes or practices developed by nationally recognized associations (e g., NFPA, American Petroleum Institute, etc.)
- Inspect ASTs and associated systems at least once per month to detect any leakage from tank or pipe seams, connections, and fittings.
- Owners/operators must maintain the following records for an AST site as applicable:
 - Any AST permits that have been issued over the last five years,
 - Tank registration records or record of the facility identification number,
 - Records of repairs that have been performed within the last five years,
 - Monthly visual inspections records that have been performed within the last year,
 - Records of underground piping precision tests,
 - Records of spill release and response events that have occurred within the last five years, and
 - Records of operation documenting the history of the AST and any changes in status of AST.
- Records must be maintained at the AST site or available for inspection by the State Inspector of Oils or at a readily available alternative site

Reports and Submittals

- Report, investigate, and clean up any spills and overfills in accordance with state regulations

Implementing Systems and Controlling Documents

- *Operation of Aboveground Storage Tanks, 1-10000-HWRM, Draft.*
- *Health and Safety Practices Manual (1-N08-HSP-21.04)*

Regulatory Drivers

- Colorado regulations: 7 CCR 1101-14
- NFPA 30

4.0 ROLES AND RESPONSIBILITIES

This section identifies the roles and responsibilities of various organizations at the Site as they relate to the management of USTs containing petroleum products or chemicals and ASTs

4.1 DOE, RFFO

- Ensure that adequate budget and resources are available to maintain compliance with requirements, to reduce the threat to worker and public health and safety, and to minimize potential impact on the environment.
- Perform or participate in audits and assessments of Site operations to ensure compliance with UST/AST management requirements.
- Provide a DOE agency contact for UST/AST management.

4.2 Kaiser-Hill

- Act as point of contact with regulatory agencies.
- Integrate all activities between the Site and DOE, Colorado Department of Public Health and Environment (CDPHE), and U.S. Environmental Protection Agency (EPA) regarding the Site's UST/AST Program.
- Perform or participate in audits and assessments of Site operations to ensure cost-effective compliance with regulatory requirements
- Work with DOE to ensure that adequate budget and resources are available to maintain compliance with requirements, to reduce the threat to worker and public health and safety, and to minimize potential impact on the environment
- Ensure contractor performance in the management of tanks.
- Immediately notify DOE of any non-compliance.

4.3 Kaiser-Hill UST/AST Subcontractor

- Support Site operations by providing technical and regulatory guidance, and defining necessary compliance actions.
- Perform or participate in audits and assessments of Site operations to ensure compliance with UST/AST management requirements

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5.0 DOCUMENT HIERARCHY

5.1 Higher Tier Documents

- Oil Pollution Act, 33 USC 2701 to 2761.
- Resource Conservation and Recovery Act, 42 USC 6901 to 6922k.
- Colorado Hazardous Waste Act, 25-15-101 et seq., CRS
- Colorado Department of Public Health and Environment, Hazardous Waste Regulations.
- Colorado Department of Transportation, Pet. UST Regs
- *Rocky Flats Cleanup Agreement (RFCA)* 6.50(g), 8 66, 24.271, and Attachment 13.

5.2 Lower Tier Documents

- *Hazardous Waste Requirements Manual*, 1-MAN-XXX-HWRM
- *Operation of Petroleum Underground Storage Tanks* (future edition), 1-10000-HWRM, Section 13 0
- *Operation of Aboveground Storage Tanks*, 1-10000-HWRM, Draft.
- *Health and Safety Practices Manual* (1-N08-HSP-2104).
- *Standard for Inspection of Tanks or Piping Systems, Pressure Vessels and Safety Relief Devices*, SM-137.
- *Control of Nonconforming Items*, 1-A65-ADM-15.01.
- *Standard for Tanks Containing Regulated Substances*, Site Standard SM—136.
- *The Spill Prevention Control and Countermeasures/Best Management Practice Plan for the Rocky Flats Plant*

6.0 PROGRAM DIRECTION

The management of USTs and ASTs will continue at the Site to ensure conformity with all applicable state, federal, and Site requirements.

Tanks will have to be closed out through deactivation and decommissioning activities in accordance with the Site's *2006 Plan*. Through these activities, both USTs and ASTs will be closed out in accordance with RCRA requirements or requirements set forth in 7 CCR 1101-14.

ABOVEGROUND STORAGE TANK (AST) INSPECTION CHECKLIST

TANK NAME/NUMBER _____ INSPECTION DATE _____

INSPECTOR _____ TIME OF INSPECTION _____

INSPECTOR SIGNATURE _____

The following must be filled out completely and accurately. The only acceptable responses are "YES", "NO" and "N/A" Inspections must be performed monthly so that no more than 30 days elapses between inspections

PHYSICAL INSPECTION

- 1 Are required Warning Signs (WARNING/NO SMOKING/STOP MOTOR) posted for the AST? _____
- 2 Is there any leakage from tank seams, connections, and fittings? _____
- 3 AST system tank and piping fittings, connections, valves, auxiliary equipment, and secondary containment areas free of obstructions? _____
- 4 Interstitial leak detection verified operable? _____
- 5 Is secondary containment area free of accumulations of water, leaves, weeds, flammable material, non U L listed tanks or drums _____
- 6 Is piping, dispenser, fill pipes, pumps and vent lines in good condition? _____
- 7 If applicable, are spill and overfill systems in good condition? * _____
- 8 Are all surrounding areas free of evidence of releases? _____
- 9 Is the last recorded inspection date 30 days or less? _____

*Inspect for leaking lines, valves, corrosion, cracked pipes, or structural problems

CORRES CONTROL
INCOMING LTR NO

00440 RF 97

DUE DATE
ACTION



Department of Energy

ROCKY FLATS FIELD OFFICE
P O BOX 928
GOLDEN COLORADO 80402-0928

97-DOE-0519S

MAR 28 1997

Mr Dennis Hotovec
Oil Inspection Section
Colorado Department of Labor & Employment
Tower Three, Suite 525
1515 Arapahoe Street
Denver, Colorado 80202-2117

Dear Mr Hotovec

The U S Department of Energy has installed ten (10) new tanks [five USTs and five ASTs], at the Rocky Flats Environmental Technology Site in Golden, Colorado requiring new registration forms. The new ASTs and USTs were installed, inspected and are in service in accordance with the Underground Storage Tank Regulations, 7 CCR 1101-14

The ASTs and USTs installed are identified as follows

Underground Storage Tanks

RFETS ID#	Size	Contents
331N - #5A	6,000	Diesel
331N - #5B	6,000	Diesel
331N - #6	6,000	Diesel
331N - #7	6,000	Gasoline
331N - #8	6,000	Gasoline

Aboveground Storage Tanks

RFETS ID#	Size	Contents
120SE - #1	250	Diesel
920NW - #32	250	Diesel
827S - #25	1,000	Diesel
881SE - #66	1,000	Diesel
127W - #3	550	Diesel

If you have any questions or require additional information, please contact Dave Grosek at 966-3300

Sincerely,

Gail S. Hill

Gail Hill, Group Lead
Regulatory Liaison Group

Enclosures

cc w/enc
J Schieffelin, CDPHE
D Grosek, RLG, RFFO
K Dorr, K-II
T Hedahl, K-II
M Jennings, K-II

DIST	LTR	ENC
BACON, R.F.		
BENSUSSEN, S.J.		
BRAILSFORD, M.D.		
BUHL, T.R.		
BURDGE, L.		
CARD, R.G.		
COSGROVE, M.M.		
COULTER, W.L.		
DERBY, S.		
DIETERLE, S.E.		
FERRERA, D.W.		
GERMAIN, A.I.		
HARDING, W.A.		
HARROUN, W.P.		
HEDAHL, T.G.	X	X
HERRING, C.L.		
HILL, J.A.		
MARTINEZ, L.A.		
McANALLY, J.L.		
NORTH, K.		
OGG, R.N.		
PARKER, A.	X	X
PHILLIPS, F.J.		
RHOADES, D.W.		
RUSCITTO, D.G.		
SANDLIN, N.B.		
SPEARS, M.S.		
TILLER, R.E.		
TUOR, N.R.		
VOORHEIS, G.M.		
<i>K. Dorr</i>	X	X
<i>Jennings, M.</i>	X	X

COR. CONTROL	X	X
ADMN. RECORD		
PATS/T130G		

Reviewed for Addressee
Corres Control RFP

3/31/97 *[Signature]*
Date By

Ref Ltr #

JOE ORDER #

[Signature]

STATE INSPECTOR OF OILS
1515 ARAPAHOE STREET, SUITE 600
TOWER THREE
DENVER, CO 80202

Mail To:

page 1 of 3

NOTIFICATION FOR UNDERGROUND STORAGE TANKS

Date Entered _____
Entered by _____
Date Received _____

Please type or print all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks whenever a status change is made for the UST systems at the location.

I - OWNER (corporation, individual, public agency, or other entity)

US Department of Energy

STREET ADDRESS _____ COUNTY _____
CITY _____ ZIP CODE _____ PHONE NO. _____
Golden Colorado 80402-0298 (303) 966-7000

(please enter the OID # as shown on invoice)

OWNER IDENTIFICATION NUMBER 5989

II - FACILITY NAME & COMPANY SITE IDENTIFIER, AS APPLICABLE

Rocky Flats Environmental Technology Site

STREET ADDRESS OR STATE ROAD, AS APPLICABLE _____ COUNTY _____
CITY _____ ZIP CODE _____ PHONE NO. _____
STATE HIGHWAY 93 & Cactus Road Jefferson
Rocky Flats Colorado 80007 (303) 966-7000

(please enter facility ID # - see invoice)

FACILITY IDENTIFICATION NUMBER _____ 000

III - owner type: COMMERCIAL _____ PRIVATE _____ FEDERAL GOV'T
STATE GOV'T _____ LOCAL GOV'T _____ UNCERTAIN _____

IV - TANKS LOCATED ON INDIAN LANDS _____ OWNED BY TRIBE _____ INDIVIDUAL _____

V - FACILITY TYPE gas station _____ petroleum distributor _____ industrial _____
commercial _____ contractor _____ trucking co. _____ railroad _____ utility co. _____
auto dealer _____ airline/air taxi _____ aircraft owner _____ residential _____
farm _____ local government _____ state government _____ federal government
federal military _____ other _____

VI - CONTACT PERSON AT TANK LOCATION - TITLE - TELEPHONE #
GREG SOLLNER KAISER-HILL (CONTRACTOR) (303) 966-3541

VII - FINANCIAL RESPONSIBILITY - I have met the financial responsibility requirements of Subpart H, Part 280 of 40 CFR, using these Methods:
SELF INSURANCE COMMERCIAL INSURANCE _____ RISK RETENTION GROUP _____
GUARANTEE _____ SURETY BOND _____ LETTER OF CREDIT _____ TRUST FUND _____
COLO. UST TRUST FUND _____ OTHER _____

VIII - CERTIFICATION - Sign after completing all sections of form. ---
I certify under penalty of law that I have examined and am familiar with the information submitted in this and attached documents, and based on my inquiry of the individuals immediately responsible for obtaining information, I believe the submitted information is true, accurate, and complete.

NAME AND OFFICIAL TITLE OF ~~OWNER~~ AUTHORIZED REPRESENTATIVE
GAIL S. HILL, ACTING GROUP LEAD, REGULATORY LIAISON GROUP, ROCKY FLATS FIELD OFFICE

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owner U.S. Department of Energy

location Rocky Flats Environmental Technology site

IX - DESCRIPTION OF UST's AND CONTENTS (complete for each tank at this location)

"your" tank id. or arbitrary number	tank no. 331N-#5A	tank no. 331N-#5B	tank no. 331N-#6	tank no. 331N-#7	tank no. 331N-#8	tank no.
1. Tank Status.						
A. now in use	X	X	X	X	X	
B. out of use, temporarily						
C. out of use, permanently						
D. amendment of information						
2. Tank Date of Installation						
	12/11/96	11/26/96	11/26/96	11/26/96	11/26/96	
3. Gallons Capacity						
	6,000	6,000	6,000	6,000	10,000	
4. Construction Material (mark all that apply)						
A. asphalt coated/bare steel						
B. epoxy coated steel						
C. FRP/fiberglass	X	X	X	X	X	
D. composite, frp over steel						
E. double wall tank	X	X	X	X	X	
F. lined excavation						
G. interior lining						
H. internal cathodic prot.						
I. external cathodic prot.						
J. polyethylene tank jacket						
K. unknown						
L. specify if other						
M. has tank been repaired						
5. Piping (mark all that apply)						
A. bare steel						
B. galvanized steel						
C. epoxy coated						
D. cathodically protected						
C. FRP/fiberglass						
D. copper						
E. double wall piping	X	X	X	X	X	
F. secondary containment						
G. insulating tape wrapped						
H. specify if other						
6 DELIVERY SYSTEM (mark all that apply)						
A. suction (no foot valve)	X	X	X	X	X	
B. normal suction system						
C. pressurized system						
D. submersible pump						
E. gravity fed						
F. has piping been repaired						
7 SUBSTANCE LAST STORED (greatest quantity)						
(by volume) A. diesel	X	X	X			
B. gasoline				X	X	
C. kerosene						
D. gasohol						
E. heating oil						
F. used oil						
G. other, specify						
HAZARDOUS SUBSTANCES						
H name of principal substance	N/A	N/A	N/A	N/A	N/A	
I and/or C.A.S. number						
J is it a mixture? YES/NO						
K substance is unknown						
L name of mixture or comment						

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Owner US Department of Energy Location Rocky Flats Environmental Technology Site

X - CHANGE OF SERVICE AND CLOSURE INFORMATION

	331 N - #5A tank no.	331 N - #5B tank no.	331 N - #6 tank no.	331 N - #7 tank no.	331 N - #8 tank no.
1. TANK CLOSURE					
A. estimated date last used	N/A	N/A	N/A	N/A	N/A
B. estimate date of closure					
C. tank removed from ground					
D. tank closed in place					
E. filled w/inert material inert material used					
F. change in service of tank					
2. SITE ASSESSMENT COMPLETED					
A. evidence of leak y/n					
B. total hydrocarbons found near bottom of tank					
SITE ASSESSMENT RECORDS TO BE KEPT AT					

XI - CERTIFICATION OF COMPLIANCE (for all new & upgraded tanks at this location)

1. A. Installer certified by tank/piping manufacturers.					
B. Installer certified by State Inspector of Oils.	X	X	X	X	X
C. Installation inspected & certified by registered professional engineer.					
D. Facility approved by State Inspector of Oils	X	X	X	X	X
E. Work on manufacturer's installation checklist has been completed.					
F. Another method was used as allowed by U.S.E.P.A. - please specify.					

	tank	pipe										
2 RELEASE DETECTION												
A. Manual Tank Gauging.												
B. Annual Tightness Testing												
C. Inventory controls												
D. Automatic Tank Gauging.												
E. Vapor Monitoring.												
F. Ground-water Monitoring.												
G. Interstitial/double wall	X	X	X	X	X	X	X	X	X	X	X	X
H. Interstitial/2ndary cont.												
I. In line leak detectors.	X	X	X	X	X	X	X	X	X	X	X	X
J. Line Tightness Testing.												
K. Another method accepted by the U.S.E.P.A. - specify.												

3 A. SPILL PROTECTION DEVICE	X	X	X	X	X
B. OVERFILL PREVENTION DEVICE	X	X	X	X	X

4 CORROSION PROTECTION						
A. As specified by regulations for coated steel tanks with cathodic protection.	N/A	N/A	N/A	N/A	N/A	N/A
B. As specified by regulations for coated steel piping with cathodic protection.						
C. Another method accepted by the U.S.E.P.A. - specify.						

5 OATH: I CERTIFY THAT THE INFORMATION CONCERNING INSTALLATION PROVIDED IN THIS NOTIFICATION IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE

Installers Name Department of Energy

Title _____

Company Name Rocky Flats Environmental Technology Site - DOE

Company Address PO Box 928 Golden CO 80402-0928

Signature Paul S. Hill

Date 3/27/97

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Department of Energy

STREET ADDRESS P.O. Box 928 Building 120 COUNTY Jefferson

CITY GOLDEN STATE CO ZIP 80402-0298 PHONE NUMBER (303) 966-7000

2 FACILITY NAME INCLUDING COMPANY SITE IDENTIFICATION (if applicable)
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

STREET ADDRESS OR STATE ROAD STATE HIGHWAY 93 and Cactus Road COUNTY Jefferson

CITY Rocky Flats STATE CO ZIP 80007 PHONE NUMBER (303) 966-7000

PERSON RESPONSIBLE FOR MAINTENANCE OF RECORDS
GREG SOLLNER KAISER-HILL (CONTRACTOR) TITLE

3 OWNER TYPE

RETAIL _____ COMMERCIAL _____ PRIVATE _____ FEDERAL GOVT

STATE GOVT _____ LOCAL GOVT _____ OTHER _____

4 DESCRIPTION OF ABOVEGROUND PETROLEUM STORAGE TANK(S) AND CONTENTS

TANK NUMBER	120 SE-#1 1	920 NW-#32 2	8275-#25 3	8815E-#66 4	127W-#3 5	6
PRODUCT IN TANK	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	
INSTALLATION DATE	07/25/96	07/30/96	01/28/97	12/18/96	11/07/96	
CAPACITY (in gallons)	250	250	1,000	4,000	550	
*OVERFILL PROTECTION?	Y X N _	Y X N _	Y X N _	Y X N _	Y X N _	Y _ N _
†SPILL PREVENTION?	Y X N _	Y X N _	Y X N _	Y X N _	Y X N _	Y _ N _
‡SECONDARY CONTAINMENT?	Y X N _	Y X N _	Y X N _	Y X N _	Y X N _	Y _ N _

5. CERTIFICATION

I certify that I have examined and am familiar with the information submitted in this document, and that, to the best of my knowledge, the submitted information is true, accurate and complete.

PLEASE PRINT NAME AND TITLE OF ~~OWNER~~ AUTHORIZED REPRESENTATIVE
GAIL S HILL, ACTING GROUP LEAD, REGULATORY LIAISON GROUP, RFFO

SIGNATURE Gails Hill DATE 3/27/97

OFFICE USE ONLY

DATE RECEIVED	AMOUNT RECEIVED	DATE ENTERED	ENTERED BY	FACILITY ID	OWNER ID
---------------	-----------------	--------------	------------	-------------	----------

COMMENTS

*OVERFILL PROTECTION Overfill protection equipment will automatically shut off the flow of a product when the tank is 95% full or alert the transfer operator when the tank is no more than 90% full.

†SPILL PREVENTION Spill prevention equipment prevents the release of a product into the environment when the transfer hose is detached from the fill pipe

‡SECONDARY CONTAINMENT A secondary containment is a berm surrounding the tanks which is capable of containing the capacity of the single largest tank

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ADDITIONAL INFORMATION

Page deleted contained personally identifiable information

APPLICATION FOR FLAMMABLE LIQUIDS STORAGE PERMIT
 COLORADO DEPARTMENT OF LABOR & EMPLOYMENT - OIL INSPECTION SECTION
 Tower 3, #525, 1515 Arapahoe St., Denver CO 80202-2117

A plot plan must accompany this application; showing: name & address of facility, lot dimensions, distance to building, roads, railroads, property lines, other flammable liquid storage tanks, dikes, secondary containment areas, location of existing tanks, piping and dispensers as well as the new material being installed or upgraded.

FEE FOR OIS *UST PLAN REVIEW AND INSTALLATION INSPECTION IS \$150.00 PER FACILITY. - Please pay by check or money order.

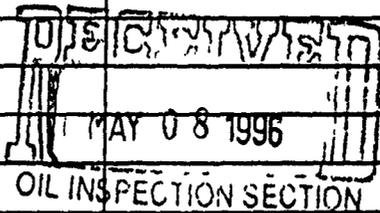
Facility Name <u>Rocky Flats Environmental Technology Site</u> Address: <u>P.O. Box 928 Building 881</u> <u>Golden, CO</u> ZIP <u>80402-0298</u> Phone: <u>(303) 946-4298 (Bob April)</u>	Owner Name. <u>U.S. Department of Energy</u> Address _____ _____ Same _____ ZIP _____ Phone _____
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(circle all that apply)

Service Station Bulk Plant Maint Facility Airport School Hospital Business Private Government Residence
 Retail Wholesale Cardlock NonResale Emergency Supply Pipeline Terminal Refinery Manufactory
 Motor Fuel Gasoline Diesel Fuel Aviation Gas Jet Fuel Kerosene Methanol Ethanol Gasohol
 Heating Oil Waste Oil Engine Oil Lubricating Oil Generator Fuel AntiFreeze Solvent Caustic Acid

Specify if other chemical _____ (Own use site staff only)

RF#	NEW TANK SIZE	TANK TYPE	PRODUCT	MANUFACTURER
66	4,000 GAL	AST	Diesel	Enviro-Vault
	GAL			



TANK DESCRIPTION underground ul 58 aboveground ul 142 in vault in building secondary containment
 single wall double wall steel fiberglass steel/frp composite frp or polyethylene jacket
 epoxy coated frp coated sti-p3 frp liner polyethylene liner other jacket liner UL 2085 Insulated Secondary Containment for Aboveground Storage for Flammable Liquids
 Magnesium anodes Zinc anodes Impressed Current System other anticorrosion method _____

PIPING CHARACTERISTICS steel galvanized frp/fiberglass copper enviroflex or equivalent
 epoxy coating plastic coating tape wrapped tape type _____ double wall secondary containment - pvc
above ground magnesium anodes zinc anodes plastic sleeve other (print) _____

PIPE/TANK CONNECTION .TYPE- Stainless steel ANTI CORROSION -
 swing joint flex connector _____

