Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

MAR 14 2014

Mr. John E. Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87508-6303

Mr. Tom Blaine, Division Director
Environmental Health Division
Harold Runnels Building
1190 Saint Francis Drive, PO Box 5496
Santa Fe, NM 87502-5469

Subject: Weekly Report as Requested per Item 14 of the Referenced Administrative Order

Reference: Administrative Order Under the New Mexico Hazardous Waste Act § 74-4-13 from R. Flynn to Mr. Jose R. Franco, Mr. M. Farok Sharif, George W. Hellstrom, and Dennis N. Cook, dated February 27, 2014.

Dear Mr. Kieling and Mr. Blaine:

The purpose of this letter is to transmit the weekly report as requested in the Referenced Administrative Order, Item 14.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

Original Signatures on File

Jose R. Franco, Manager
Carlsbad Field Office

M. F. Sharif, Project Manager
Nuclear Waste Partnership LLC

cc:
T. Kliphuis, NMED *ED
*ED denotes electronic distribution

CBFO:OESH:GB:LC:14-1437:UFC 5487.00

Weekly Status Report for the February 28, 2014, New Mexico Environment Department Administrative Order Required Information Report for the Initial Reporting period (ending March 9, 2014)

14(a) All Permit-related inspection and monitoring actions taken by the Permittees since February 5, 2014.

Attachment 1, *Surface Inspections*, provides the status of the Permit-related surface inspections from February 5, 2014, through March 9, 2014. This list is taken from Permit Attachment E, Table E-1. The table in Attachment 1 does not include underground related inspections and the comment column in Attachment 1 provides additional status information.

The surface inspections required by Table E-1a related to remote-handled (RH) TRU waste are pre-operational. Because the WIPP facility has not been handling RH TRU waste and there is no RH TRU waste being stored in the RH bay or the RH Parking Area Unit (PAU) at this time, these pre-operational inspections do not currently apply. Inspections and preventative maintenance (PMs) are not required for equipment that is out of service. Prior to commencing RH TRU waste handling operations, PMs and/or inspections will be brought to a current/compliant status.

The following are the Permit related monitoring actions taken since February 5, 2014:

VOC Monitoring

Action: Surface Volatile Organic Compound (VOC) monitoring is being evaluated to determine its feasibility in lieu of collecting repository samples (Stations VOC-A and VOC-B), while the facility is in the recovery operation. Because the underground was not accessible after the fire event, only one passive 6-hour VOC sample has been collected since February 5, 2014, and this sample was collected on February 12, 2014, near the Training Building. However, data are not yet available for this sample.

In addition, samples have been collected at two locations twice each week since February 25, 2014. These samples are passive 24-hour VOC samples collected on the surface near the Training Building and at the south fence line just behind the Waste Handling Building (WHB). These samples are intended to help identify any VOC exposure to the Training Building receptor. The samples at the south fence line are being taken as a

background measurement. The collection method is detailed in procedure WP 12-VC1685, *Subatmospheric and Pressurized Air Sampling in Passivated Canisters*.

Exposure to VOCs by the non-waste worker in the Training Building is minimal since these employees are not working at the WIPP facility at this time.

Frequency: Twice weekly at both locations as access to the WIPP Facility allows.

Status: One passive 6-hour sample was collected at the Training Building on February 12, 2014. Beginning on February 25, 2014, passive samples (24-hour) have been collected as discussed above. No analytical data are available at this time.

14 (b) Actions taken with regard to TRU waste shipments that were en-route since February 5, 2014

The TRU waste shipments that were en-route to the WIPP facility on February 5, 2014, were allowed to proceed to the WIPP facility to be parked in the PAU. These were contact-handled (CH) TRU waste shipments. Shipment SR140005 from Savannah River was allowed to continue to the site and was received at approximately 1 p.m. on 2/5/14. Shipments IN140044 and IN140045 from INL were allowed to continue to the site and were received shortly after 1 a.m. on 2/6/14. Shipment LA140022 was not allowed to depart from Los Alamos. It was scheduled for 6 p.m. on 2/5/14. Attachment 2, *TRU Mixed Waste Currently in Storage at WIPP*, includes the date and time of the shipments received, for waste that is currently in storage in the WHB and in the PAU. Shipments that were preparing to leave the generator storage sites were not allowed to leave those facilities for the WIPP facility. As shown in Attachment 2, no shipments have been received at the WIPP facility since February 6, 2014.

14 (c) Summary of waste shipment information and any other relevant records that document the site of origin, volumes and receipt dates of TRU waste that is currently located at the Facility WHB and Parking Area Unit

Attachment 2, *TRU Mixed Waste Currently in Storage at the WIPP Facility*, is a table that was developed by records generated by the Waste Data System (WDS) and contains the origin, volume, receipt dates/ time of the CH TRU mixed waste that is currently in storage in the WHB Unit and in the PAU. The query was performed by a WDS Data Administrator on February 24, 2014. No RH TRU waste is currently in storage at the WIPP facility.

14 (d) Information specifying the deadlines for each individual waste assembly as it relates to this Order

Attachment 2, *TRU Mixed Waste Currently in Storage at the WIPP Facility*, contains the venting and storage deadlines for each individual waste assembly that is currently in storage in the WHB storage unit and PAU. The deadlines for waste stored in the WHB storage unit reflect the total of the 60-day venting period extension in the PAU and the 45-day storage extension in the WHB provided in the Administrative Order. The deadline for requesting the additional extension provided in the Administrative order is May 7, 2014, (ten days prior to the earliest WHB deadline of May 17, 2014) per Item 15 of the Administrative Order.

14 (e) Records of inspection and maintenance of the ventilation and filtration system of the Facility WHB after the February 5, 2014, salt truck engine fire and the radiological event of February 14, 2014

See Attachment 3, *Ventilation Fans Inspection Round Sheets* (best available copies)

14 (f) Location of any environmental monitoring equipment, including identification whether they are stationary, mobile, or permanent. This includes, but is not limited to Volatile Organic Compound (VOC) monitoring stations, radiological monitoring stations, meteorological monitoring, surface water monitoring, vegetation sampling. The reports shall include dates of deployment and sampling, and all data that has been produced by these monitoring stations since February 5, 2014.

Attachment 5**,** *Environmental Monitoring*, includes a spreadsheet printout with the location of environmental monitoring equipment, including identification whether they are stationary, mobile, or permanent and data. Maps displaying monitoring locations are also included. The following briefly describes the monitoring information that is being provided in Attachment 5.

- VOC Monitoring stations – Portable surface monitoring equipment has been deployed as described in Item 14 (a) above.
- Radiological monitoring stations – Stationary low volume air samplers continuously sample air at the locations shown in Attachment 5. Three new samplers were deployed on March 4, 2014. These locations are also shown in Attachment 5.
- Meteorological monitoring data are being provided on the electronic disk enclosed. Data from the WIPP Meteorology station are included for the period; February 1, 2014 – March 9, 2014

- Surface water monitoring – surface water samples were obtained on the dates and at the locations shown in Attachment 5
- Vegetation Samples – Vegetation samples were obtained on the dates and locations shown in Attachment 5
- Soil Samples – Soil samples were obtained on the dates and locations shown in Attachment 5.

14 (g) The status of surface ventilation fans and timeline of operation since January 1, 2014

See Attachment 3, Inspection Round Sheets.

14 (h) Exhaust Filter Building HEPA filter differential pressure data beginning February 14, 2014

See Attachment 4, *Filter Differential Pressures*.

14 (i) Derived waste origin and volume (total per container) container type, specific locations (i.e., where it is being stored) and if mixed or non-mixed

As of March 9, 2014, no derived waste has been generated as a result of recovery activities.

Attachment A
Surface Inspections

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Air Intake Shaft Hoist	Underground Operations	Preoperational [c] See Lists 1b and c	WP 04-HO1004 Inspecting for Deterioration[b], Safety Equipment, Communication Systems, and Mechanical Operability[m] in accordance with Mine Safety and Health Administration (MSHA) requirements	Underground Pre Op	No inspection has been performed due to fire/radiation incident. No hoisting of personnel or material has been performed using the Air Intake Shaft.
Ambulances (Surface) and related emergency supplies and equipment	Emergency Services	Weekly See List 11	12-FP0030 Inspecting for Mechanical Operability[m], Deterioration[b], and Required Equipment[n]	Done 2/7/14, 2/13/14, 2/20/14, 2/27/14, 3/6/14	Surface inspections are current.
Adjustable Center of Gravity Lift Fixture	Waste Handling	Preoperational See List 8	WP 05-WH1410 Inspecting for Mechanical Operability[m] and Deterioration[b]	Last completed 2/11/14	No inspection has been performed due to no waste movement in WHB
Backup Power Supply Diesel Generators	Facility Operations	Monthly See List 3	WP 04-ED1301 Inspecting for Mechanical Operability[m] and Leaks/Spills by starting and operating both generators. Results of this inspection are logged in accordance with WP 04-AD3008.	Surface Done 2/5/14	Inspections current
Facility Inspections (Water Diversion Berms)	Facility Engineering	Annually See List 4	WP 10-WC3008 Inspecting for Damage, Impediments to water flow, and Deterioration[b]	Surface Done 11/18/13 Due 11/14	Inspections current.
Central Monitoring Systems (CMS)	Facility Operations	Continuous See List 3	Automatic Self-Checking	automatic	Inspections current.

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Conveyance Loading Car	Waste Handling	Preoperational See List 8	WP 05-WH1406 Inspecting for Mechanical Operability[m], Deterioration[b], path clear of obstacles, and guards in the proper place	Last completed 2-5-14	No additional inspections have been performed since the fire/rad incident.
Facility Transfer Vehicle	Waste Handling	Preoperational See List 8	WP 05-WH1204 Inspecting for Mechanical Operability[m], Deterioration[b], path clear of obstacles, and guards in the proper place	Last completed 2-5-14	No additional inspections have been performed since the fire/rad incident.
Exhaust Shaft	Underground Operations	Quarterly See List 1a	PM041099 Inspecting for Deterioration[b] and Leaks/Spills	Due 3/31/14	No additional inspections have been performed since the fire/rad incident.
Eye Wash and Shower Equipment	Equipment Custodian	Weekly See List 5	WP 12-IS1832 Inspecting for Deterioration[b]	Surface 3/4/14	Inspections to U/G eye stations and showers are pending finalization and implementation of re-entry plans.
		Semi-annually See List 2a	WP 12-IS1832 Inspecting for Deterioration[b] and Fluid Levels–Replace as Required	Surface No semi Annuals in Champs	Inspections on surface are current.
Fire Detection and Alarm System	Emergency Services	Semiannually See List 11	12-FP0027 Inspecting for Deterioration[b], Operability of indicator lights and, underground fuel station dry chemical suppression system. Inspection is per NFPA 17	Done 1/7/14 Due 7/7/14	

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Fire Extinguishers[j]	Emergency Services	Monthly See List 11	12-FP0036 Inspecting for Deterioration[b], Leaks/Spills, Expiration, seals, fullness, and pressure	Inspections current Due 3/31/14	The underground Fire Extinguisher inspections have not been completed due to fire/and or radiation incident. No personnel have been permitted to enter pending reentry plans and evaluation.
Fire Hoses	Emergency Services	Annually (minimum) See List 11	12-FP0031Inspecting for Deterioration[b] and Leaks/Spills	Inspections current	
Fire Hydrants	Emergency Services	Semi-annual/ annually See List 11	12-FP0034 Inspecting for Deterioration[b] and Leaks/Spills	Inspections current	Inspection to be completed in March 2014
Fire Pumps	Emergency Services	Weekly/annually See List 11	WP 12-FP0026 Inspecting for Deterioration[b], Leaks/Spills, valves, and panel lights	Inspections current	Inspection completed and info turned into Fire Protection Engineer who generated Hydrant Flow Test Evaluation.
Fire Sprinkler Systems	Emergency Services	Monthly/ quarterly See List 11	WP 12-FP0025 Inspecting for Deterioration[b], Leaks/Spills, static pressures, and removable strainers	WHB Monthly: 2/28/14, 3/4/14	
Fire and Emergency Response Trucks (Seagrave Fire Apparatus, Emergency One Apparatus, and Underground Rescue Truck)	Emergency Services	Weekly See List 11	12-FP0033 Inspecting for Mechanical Operability[m], Deterioration[b], Leaks/Spills, and Required Equipment[n]	2/7/14, 2/14/14, 2/21/14, 2/28/14, 3/7/14	U/G emergency response truck Inspections have not been performed because personnel are not allowed underground pending finalization and implementation of re-entry plans.

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment)	Waste Handling	Preoperational See List 8	WP 05-WH1201, WP 05-WH1207, WP 05-WH1401, WP 05-WH1402, WP 05-WH1403, and WP 05-WH1412 Inspecting for Mechanical Operability[m], Deterioration[b], and On board fire suppression system	Last completed 3-1-14 for surface forklifts. Last completed 2-5-14 for underground forklifts.	No additional inspections have been performed since the fire/rad incident.
Hazardous Material Response Equipment (Surface)	Emergency Services	Weekly See List 11	12-FP0033Inspecting for Mechanical Operability[m], Deterioration[b], and Required Equipment[n]	2/11/14, 2/18/17, 2/26/14, 3/4/14	No inspections have been performed to U/G equipment due to inability to access U/G because of fire and/or radiation events. No personnel have been in the underground pending finalization and implementation of recovery plans.
Perimeter Fence, Gates, Signs	Security	Daily See List 6	PF0-010 Inspecting for Deterioration[b] and Posted Warnings	Inspections current Performed with daily rounds	Security makes inspections of the perimeter and signage multiple times daily.
Public Address (and Intercom System)	Facility Operations	Monthly See List 3	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Surface 1/30/14	U/G not performed due to radiological and/or fire event.
Radio Equipment	Facility Operations	Daily[i] See List 3	Radios are operated daily and are repaired upon failure	Inspections current	
Rescue Truck (Surface)	Emergency Services	Weekly See List 11	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability[m], Deterioration[b], Leaks/Spills, and Required Equipment[n]	2/7/14, 2/14/14, 2/21/14, 2/28/14, 3/7/14	

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Salt Handling Shaft Hoist	Underground Operations	Preoperational See List 1b and c	WP 04-HO1002 Inspecting for Deterioration[b], Safety Equipment, Communication Systems, and Mechanical Operability[m] in accordance with MSHA requirements	Underground Pre Op	No inspections have been performed to U/G equipment and systems due to inability to access U/G because of fire and/or radiation events. No personnel have been in the underground pending finalization and implementation of recovery plans.
Surface TRU Mixed Waste Handling Area [k]	Waste Handling	Preoperational or Weekly [e] See List 8	WP 05-WH1101 Inspecting for Deterioration[b], Leaks/Spills, Required Aisle Space, Posted Warnings, Communication Systems, Container Condition, and Floor coating integrity	Last completed 2-25-14 for the pre-operational. Last completed 3-4-14 for the weekly.	No additional pre-operational inspections have been performed due to no Waste Handling activities since the fire/rad event.
TRU Mixed Waste Decontamination Equipment	Waste Handling	Annually See List 8	WP 05-WH1101 Inspecting for Required Equipment[n]	Last completed 12-31-13 for the annual.	Inspection is current, will be performed again December 2014
Uninterruptible Power Supply (Central UPS)	Facility Operations	Daily See List 3	WP 04-ED1542 Inspecting for Mechanical Operability[m] and Deterioration[b] with no malfunction alarms. Results of this inspection are logged in accordance with WP 04-AD3008.	Surface	Inspections current Inverter loss was indicated on 3/1/14 and AR # 1402085 was submitted.
TDOP Upender	Waste Handling	Preoperational See List 8	WP 05-WH1010 Inspecting for Mechanical Operability[m] and Deterioration[b]	Last completed 10-9-13 as a pre-operational.	
Vehicle Siren	Emergency Services	Weekly See List 11	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	2/7/14, 2/14/14, 2/21/14, 2/28/14, 3/7/14	No underground inspections have been performed to U/G equipment due to inability to access U/G because of fire and/or radiation events. No personnel have been in the underground pending finalization and implementation of recovery plans.

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Ventilation Exhaust	Maintenance Operations	Quarterly See List 10	IC041098 Check for Deterioration[b] and Calibration of Mine Ventilation Rate Monitoring Equipment	Done 11/9/13 12/24/13	
Waste Handling Cranes	Waste Handling	Preoperational See List 8	WP 05-WH1407 Inspecting for Mechanical Operability[m], Deterioration[b], and Leaks/Spills	Last completed 2-11-14 as a pre-operational.	No inspections have been performed to U/G equipment due to inability to access U/G because of fire and/or radiation events. No personnel have been in the underground pending finalization and implementation of recovery plans.
Waste Hoist	Underground Operations	Preoperational See List 1b and c	WP 04-HO1003 Inspecting for Deterioration[b], Safety Equipment, Communication Systems, and Mechanical Operability[m], Leaks/Spills, in accordance with MSHA requirements	Underground Pre Op	No inspections have been performed to U/G equipment due to inability to access U/G because of fire and/or radiation events. No personnel have been in the underground pending finalization and implementation of recovery plans.
Trailer Jockey	Waste Handling	Preoperational See List 8	WP 05-WH1405 Inspecting for Mechanical Operability[m] and Deterioration[b]	Last completed 2-25-14 as a pre-operational.	Inspections current
Bolting Robot	Waste Handling	Preoperational See List 8	WP 05-WH1203 Mechanical Operability[m]	Last completed 6-29-12 as a pre-operational.	Bolting robot is Out of Service as of 6-29-12.
Yard Transfer Vehicle	Waste Handling	Preoperational See List 8	WP 05-WH1205 Mechanical Operability[m], Deterioration[b], Path clear of obstacles and Guards in proper place	Last inspected 2-5-14 as a preoperational.	Inspections current
Monorail Hoist	Waste Handling	Preoperational See List 8	WP 05-WH1202 Mechanical Operability[m], Deterioration[b], and leaks/spills	Last completed 2-25-14 as a pre-operational	Inspections current

System/Equipment Name	Responsible Organization	Inspection a Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Bolting Station	Waste Handling	Preoperational See List 8	WP 05-WH1203 Mechanical Operability[m], Deterioration[b], and Guards in proper place	Last completed 2-5-14 as a pre-operational.	

List 1: Underground Operations

a. Mining Technician *
Senior Mining Technician *
Continuous Mining Specialist *
Senior Mining Specialist *
Mine OPS Supervisor *

b. Waste Hoist Operator
Waste Hoist Shaft Tender

c. U/G Facility Operations* - Self Rescuers
Shaft Technician *

d. Operations Engineer
Supervisor U/G Services*
Senior Operations Engineer*

List 2: Industrial Safety

a. Safety Technician *
Senior Safety Technician *
Safety Specialist *
Safety Engineer *
Industrial Hygienist *

b. Fire Protection Engineering *

List 3: Facility Operations

Facilities Technician *
Central Monitoring Room Operator *
Central Monitoring Room Specialist *
Operations Engineer
Senior Operations Engineer *
Facility Shift Manager
Operations Technical Coordinator *

List 4: Facility Engineering

Senior Engineer Senior Facilities Technician *

List 3: Facility Operations (continued)

Facility Operations Specialist *

List 5: General

Equipment Custodian*

List 6: Security

Security Protective *
Security Protective Supervisor *

List 8: Waste Handling

Manager, Waste Operations
TRU-Waste Handler

List 9: Geotechnical Engineering

Engineer Technician *
Associate Engineer *
Engineer *
Senior Engineer *
Principal Engineer*

List 10: Maintenance Operations

Maintenance Technician *
Maintenance Specialist *
Senior MaintenanceSpecialist *Contractor *

List 11: Emergency Services

Qualified Emergency Services Personnel
Fire Protection Technician

Inspection Schedule/Procedures Notes

[a] Inspection may be accomplished as part of or in addition to regularly scheduled preventive maintenance inspections for each item or system. Certain structural systems of the WHB, Waste Hoist and Station A are also subject to inspection following severe natural events including earthquakes, tornados, and severe storms. Structural systems include columns, beams, girders, anchor bolts and concrete walls.

[b] Deterioration includes: obvious visible cracks, erosion, salt build-up, damage, corrosion, loose or missing parts, malfunctions, and structural deterioration.

[c] "Preoperational" signifies that inspections are required prior to the first use during a calendar day. For calendar days in which the equipment is not in use, no inspections are required. For an area this includes: area is clean and free of obstructions (for emergency equipment); adequate aisle space; emergency and communications equipment is readily available, properly located and sign-posted, visible, and operational. For equipment, this includes: checking fluid levels, pressures, valve and switch positions, battery charge levels, pressures, general cleanliness, and that all functional components and emergency equipment is present and operational.

[e] These weekly inspections apply to container storage areas when containers of waste are present for a week or more.

[g] In addition, the water tank levels are maintained by the CMR and level readouts are available at any time.

[h] This organization is responsible for obtaining licenses for radios and frequency assignments. They do periodic checks of frequencies and handle repairs which are performed by a vendor.

[i] Radios are not routinely "inspected." They are operated daily and many are used in day-to-day operations. They are used until they fail, at which time they are replaced and repaired. Radios are used routinely by Emergency Services, Security, Environmental Monitoring, and Facility Operations.

[j] Fire extinguisher inspection is paperless. Information is recorded into a database using barcodes. The database is then printed out.

[k] Surface CH TRU mixed waste handling areas include the Parking Area Unit, the WHB unit, and unloading areas.

[l] No log forms are used for daily readings. However, readings that are out of tolerance are reported to the CMR and logged by CMR operator. Inspection includes daily functional checks of portable equipment.

[m] Mechanical Operability means that the equipment has been checked and is operating in accordance with site safety requirements (e.g. proper fluid levels and tire pressure; functioning lights, alarms, sirens, and power/battery units; and belts, cables, nuts/bolts, and gears in good condition), as appropriate.

[n] Required Equipment means that the equipment identified in Table D-6 is available and usable (i.e. not expired/depleted and works as designed).

* Positions are not considered RCRA positions (i.e., personnel do not manage TRU mixed waste).

RH TRU Mixed Waste Inspection Status as of February 5, 2014

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Cask Transfer Car(s)	Waste Operations	Pre-evolution [c,d,e] See List 1	WP05-WH1701 PM041187 (Semi-Annual) Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication	Last completed 1-22-14 as a pre-evolutional. Last completed as a preoperational to move and operate the Cask Transfer Car.	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status.
RH Bay Overhead Bridge Crane	Waste Operations	Preoperational [c,d,e,i] See List 1	WP05-WH1741 PM041232 (Quarterly) PM041117 (Annual) Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication	Last completed 2-26-14 as a preoperational.	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Facility Cask	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1713 PM041201 (Annual) PM041203 (Annual) Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication. Electrical PM.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
RH Bay Cask Lifting Yoke	Waste Operations	Preoperational [c,d,e,i] See List 1	WP05-WH1741 PM041169 (Annual) Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Facility Cask Transfer Car	Waste Operations	Pre-evolution [c,d,e,f] See List 1	Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication Electrical Inspection	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Facility Cask Rotating Device	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1713 PM041175 (Annual) PM041176 (Annual) Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication Electrical Inspection	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Facility Grapple	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1721 PM041172 (Quarterly) PM041177 (Annual) Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear. Non-Destructive Examination	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
6.25-Ton Grapple Hoist	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1721 PM041173 (Annual) Pre-evolution Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Transfer Cell Shuttle Car	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1705 PM041184 (Semi-Annual) PM041222 (Annual) Pre-evolution Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication. Electrical Inspection.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Cask Unloading Room	Waste Operations	Preoperational [c,d,e,f,h,i] See List 1	WP05-WH1744 Floor integrity	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Hot Cell	Waste Operations	Preoperational [c,d,e,f,g,h,i] See List 1	WP05-WH1744 Floor integrity	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Hot Cell Overhead Powered Manipulator	Waste Operations	Preoperational [c,d,e,i] See List 1	WP05-WH1743 PM041215 (Annual) PM041216 (Annual) IC411037 (Annual) Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication. Electrical Inspection. Load Cell Calibration	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Hot Cell Bridge Crane	Waste Operations	Preoperational [c,d,e,i] See List 1	WP05-WH1742 PM041217 (Annual) PM041209 (Annual) IC411038 (Annual) Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication. Electrical Inspection. Load Cell Calibration.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Transfer Cell	Waste Operations	Preoperational [c,d,e,f,h,i] See List 1	WP05-WH1744 Floor integrity	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Facility Cask Loading Room	Waste Operations	Preoperational [c,d,e,f,h,i] See List 1	WP05-WH1744 Floor integrity	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Closed Circuit Television Camera	Waste Operations	Preoperational [c,i] See List 1	WP05-WH1757 Operability	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Radiation Monitoring Equipment	Radiation Control	Preoperational [c,d,e] See List 2	WP12-HP1245 IC240010 WP12-HP1307 IC240007 WP12-HP1314 (Annual) Operability Checks, Functional Checks, Instrument calibrations, Flow Calibration, Efficiency Checks.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Cask Unloading Room Crane	Waste Operations	Preoperational [c,d,e,i] See List 1	WP05-WH1719 PM041190 (Quarterly) PM041191 (Annual) PM041192 (Annual) IC411035 (Annual) Pre-operational Checks and Operating Instructions. Mechanical Inspection for Wear and Lubrication. Electrical Inspection. Load Cell Calibration.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
Horizontal Emplacement and Retrieval Equipment or functionally equivalent equipment	Waste Operations	Pre-evolution [c,d,e,f] See List 1	WP05-WH1700 PM052010 (Semi-Annual)[k] PM052011 (Annual) PM052013 PM052012 PM052014 (Annual) Assembly and Operating Instructions. Electrical Inspection. Position Transducer Calibration. Tilt Sensor Calibration.	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status
RH Bay	Waste Operations	Preoperational [c,d,e,h,i] See List 1	WP05-WH1744 Floor integrity	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

System/ Equipment Name	Responsible Organization [J]	Inspection [a] Frequency and Job Title of Personnel Normally Making Inspection [J]	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Surface RH TRU Mixed Waste Handling Area	Waste Operations	Preoperational [i] See List 1	WP- 05 WH1744 Posted Warning, Communications	See "Comments" section	All RH Equipment, Systems, and Areas are inspected pre-operationally or pre-evolution. Inspection of RH TRU mixed waste equipment and areas in the RH Complex apply only after RH TRU mixed waste receipt begins. Inspections and PM's are not required for equipment that is out of service. Prior to entering into an RH TRU waste evolution, all PMs and/or inspections will be brought to a current/compliant status

RH TRU Mixed Waste Inspection Schedule/Procedures Lists

List 1: Waste Operations

RH Waste Handling Engineer

Qualified TRU-Waste Handler

List 2: Radiological Control

Radiological Control Technician

RH TRU Mixed Waste Inspection Schedule/Procedures Notes

[a] Inspection may be accomplished as part of or in addition to regularly scheduled preventive maintenance inspections for each item or system. Certain structural systems of the WHB are also subject to inspection following severe natural events including earthquakes, tornados, and severe storms. Structural systems include columns, beams, girders, anchor bolts, and concrete walls.

[b] Deterioration includes: visible cracks, erosion, salt build-up, damage, corrosion, loose or missing parts, malfunctions, and structural deterioration.

[c] "Pre-evolution" signifies that inspections are required prior to equipment use in the waste handling process. (An evolution is considered to be from the receipt of a cask into the RH Bay through canister emplacement in the underground.) For an area, preoperational inspection includes: area is clean and free of obstructions (for emergency equipment); adequate aisle space; emergency and communications equipment is readily available, properly located and sign-posted, visible, and operational. For equipment, this includes: checking fluid levels, pressures, valve and switch positions, battery charge levels, pressures, general cleanliness, and that functional components and emergency equipment are present and operational. When the equipment is not in use, no inspections are required.

[d] When equipment needs to be inspected while handling waste (i.e., during waste unloading or transfer operations), general cleanliness and functional components will be inspected to detect any problem that may harm human health or the environment. The inspection will verify that emergency equipment is present.

[e] Inspection of RH TRU mixed waste equipment and areas in the RH Complex applies only after RH TRU mixed waste receipt begins.

[f] The inspection/maintenance activities associated with these pieces of equipment are performed when the RH Complex is empty of RH TRU mixed waste. If contamination is present, a radiation work permit may be needed.

[g] For the Hot Cell and Transfer Cell, if RH TRU mixed waste is present, camera inspections will be performed in lieu of physical inspection.

[h] The integrity of the floor coating will be inspected weekly if RH TRU mixed waste is present.

[i] "Preoperational" signifies that inspections are required prior to the first use in a calendar day.

[J] Responsible organizations refers to the organization that owns the equipment. Preventive Maintenance (PM) procedures are conducted by either mine maintenance or surface operations maintenance personnel and Instrument Calibration (IC) procedures are conducted by instrument and calibration maintenance personnel.

[k] Inspection will be performed after 250 evolutions (actual and training emplacements), if such usage occurs prior to the semi-annual inspection.

[l] Inspections and PM's are not required for equipment that is out of service.

Attachment 2
TRU Mixed Waste Currently in Storage at the WIPP Facility

Parking Area Unit

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Processed Date	Venting Deadline	WHB Deadline	Package	Assembly	Unemplaced Contents	Capacity[1] (ft^3)
INL	IN140042	2/5/2014 0:34	2/1/2014 11:55	Not Processed	4/1/2014 11:55	Not Processed	132	IN140084	1 SWB	66.3
		2/5/2014 0:34	2/1/2014 11:55	Not Processed	4/1/2014 11:55	Not Processed	132	IN140085	1 SWB	66.3
		2/5/2014 0:34	2/1/2014 11:50	Not Processed	4/1/2014 11:50	Not Processed	136	IN140090	1 SWB	66.3
		2/5/2014 0:34	2/1/2014 11:50	Not Processed	4/1/2014 11:50	Not Processed	136	IN140091	1 SWB	66.3
		2/5/2014 0:34	2/1/2014 11:45	Not Processed	4/1/2014 11:45	Not Processed	515	IN140070	1 SWB	66.3
INL	IN140043	2/5/2014 0:30	2/1/2014 11:35	Not Processed	4/1/2014 11:35	Not Processed	163	IN140078	1 SWB	66.3
		2/5/2014 0:30	2/1/2014 11:35	Not Processed	4/1/2014 11:35	Not Processed	163	IN140079	1 SWB	66.3
		2/5/2014 0:30	2/1/2014 11:40	Not Processed	4/1/2014 11:40	Not Processed	501	IN140074	1 SWB	66.3
INL	IN140044	2/6/2014 1:09	2/3/2014 13:49	Not Processed	4/3/2014 13:49	Not Processed	512	IN136332	7 55G Drums	51.8
INL	IN140045	2/6/2014 1:27	2/3/2014 13:48	Not Processed	4/3/2014 13:48	Not Processed	508	IN140066	1 SWB	66.3
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:34	Not Processed	3/31/2014 12:34	Not Processed	135	SR139977	5 55G Drums	37
		2/5/2014 13:00	1/31/2014 12:34	Not Processed	3/31/2014 12:34	Not Processed	135	SR139978	7 55G Drums	51.8
		2/5/2014 13:00	1/31/2014 12:29	Not Processed	3/31/2014 12:29	Not Processed	155	SR139996	5 55G Drums	37
		2/5/2014 13:00	1/31/2014 12:29	Not Processed	3/31/2014 12:29	Not Processed	155	SR139997	7 55G Drums	51.8
		2/5/2014 13:00	1/31/2014 12:23	Not Processed	3/31/2014 12:23	Not Processed	160	SR140015	5 55G Drums	37
		2/5/2014 13:00	1/31/2014 12:23	Not Processed	3/31/2014 12:23	Not Processed	160	SR140016	7 55G Drums	51.8
SRS	SR314012	1/31/2014 16:10	1/27/2014 10:48	Not Processed	3/27/2014 10:48	Not Processed	4	SR139785	1 SLB2	261
SRS	SR314013	2/1/2014 15:15	1/28/2014 10:40	Not Processed	3/28/2014 10:40	Not Processed	6	SR139789	1 SLB2	261
SRS	SR314014	2/4/2014 13:15	1/30/2014 10:30	Not Processed	3/30/2014 10:30	Not Processed	1	SR139793	1 SLB2	261
---	8 Shipments	---	---	---	---	---	13 Packages	19 Assemblies	---	1,697.90 ft^3

[1]55G Drum=7.4 ft^3, SWB=66.3 ft^3, TDOP=160 ft^3, 85G Drum=11.4 ft^3, 100G Drum=13.4 ft^3, SLB2=261 ft^3 (Permit, Part 3, Section 3.3.1)
INL – Idaho National Laboratory
SRS – Savannah River Site

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Processed Date	Venting Deadline	WHB Deadline	Package	Assembly	Unemplaced Contents	Capacity[1] (ft^3)
INL	IN140036	2/1/2014 22:40	1/25/2014 13:35	2/3/2014 13:15	Vented	5/19/2014 13:15	210	IN139540	1 SWB	66.3
		2/1/2014 22:40	1/25/2014 13:35	2/3/2014 13:15	Vented	5/19/2014 13:15	210	IN139541	1 SWB	66.3
INL	IN140037	2/1/2014 21:11	1/30/2014 14:00	2/2/2014 10:17	Vented	5/18/2014 10:17	166	IN139806	1 TDOP	160
		2/1/2014 21:11	1/30/2014 14:03	2/2/2014 10:24	Vented	5/18/2014 10:24	168	IN139814	1 TDOP	160
INL	IN140040	2/3/2014 0:17	1/31/2014 13:21	2/4/2014 9:04	Vented	5/20/2014 9:04	186	IN140133	1 TDOP	160
		2/3/2014 0:17	1/31/2014 13:16	2/4/2014 12:55	Vented	5/20/2014 12:55	208	IN140144	1 TDOP	160
		2/3/2014 0:17	1/31/2014 13:13	2/4/2014 12:22	Vented	5/20/2014 12:22	505	IN139593	1 SWB	66.3
INL	IN140041	2/3/2014 7:13	1/31/2014 13:40	2/4/2014 9:31	Vented	5/20/2014 9:31	125	IN140129	1 TDOP	160
		2/3/2014 7:13	1/31/2014 13:35	2/4/2014 9:37	Vented	5/20/2014 9:37	203	IN139266	1 TDOP	160
		2/3/2014 7:13	1/31/2014 13:30	2/3/2014 14:37	Vented	5/19/2014 14:37	509	IN140062	1 SWB	66.3
INL	IN140043	2/5/2014 0:30	2/1/2014 11:30	2/11/2014 9:12	Vented	5/27/2014 9:12	191	IN140096	1 SWB	66.3
		2/5/2014 0:30	2/1/2014 11:30	2/11/2014 9:13	Vented	5/27/2014 9:13	191	IN140097	1 SWB	66.3
INL	IN140044	2/6/2014 1:09	2/3/2014 13:55	2/11/2014 10:00	Vented	5/27/2014 10:00	181	IN139670	1 TDOP	160
		2/6/2014 1:09	2/3/2014 13:52	2/11/2014 10:43	Vented	5/27/2014 10:43	202	IN139666	1 TDOP	160
INL	IN140045	2/6/2014 1:27	2/3/2014 13:40	2/11/2014 11:02	Vented	5/27/2014 11:02	142	IN139923	1 TDOP	160
		2/6/2014 1:27	2/3/2014 13:44	2/11/2014 11:00	Vented	5/27/2014 11:00	167	IN140205	1 TDOP	160
LANL	LA140018	2/1/2014 1:30	1/29/2014 14:25	2/1/2014 12:40	Vented	5/17/2014 12:40	172	LA139903	1 SWB	66.3
LANL	LA140019	2/1/2014 1:50	1/30/2014 15:20	2/1/2014 14:25	Vented	5/17/2014 14:25	127	LA139927	1 SWB	66.3
		2/1/2014 1:50	1/30/2014 15:20	2/1/2014 14:26	Vented	5/17/2014 14:26	127	LA139928	1 SWB	66.3
LANL	LA140020	2/3/2014 22:34	2/3/2014 10:05	2/4/2014 16:44	Vented	5/20/2014 16:44	126	LA139972	1 SWB	66.3
		2/3/2014 22:34	2/3/2014 10:15	2/5/2014 8:34	Vented	5/21/2014 8:34	156	LA139965	1 SWB	66.3
		2/3/2014 22:34	2/3/2014 10:15	2/5/2014 8:36	Vented	5/21/2014 8:36	156	LA139966	1 SWB	66.3
		2/3/2014 22:34	2/3/2014 10:00	2/4/2014 16:38	Vented	5/20/2014 16:38	190	LA139983	1 SWB	66.3
LANL	LA140021	2/4/2014 22:40	2/4/2014 9:35	2/5/2014 9:12	Vented	5/21/2014 9:12	133	LA139990	1 SWB	66.3
		2/4/2014 22:40	2/4/2014 9:35	2/5/2014 9:13	Vented	5/21/2014 9:13	133	LA139991	1 SWB	66.3
		2/4/2014 22:40	2/4/2014 9:30	2/11/2014 9:13	Vented	5/27/2014 9:13	137	LA140002	1 SWB	66.3
		2/4/2014 22:40	2/4/2014 9:25	2/5/2014 9:32	Vented	5/21/2014 9:32	147	LA140008	1 SWB	66.3

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Processed Date	Venting Deadline	WHB Deadline	Package	Assembly	Unemplaced Contents	Capacity[1] (ft^3)
SRS	SR140003	1/24/2014 12:40	1/16/2014 8:45	2/1/2014 8:15	Vented	5/17/2014 8:15	169	SR139200	6 55G Drums	44.4
		1/24/2014 12:40	1/16/2014 8:45	2/1/2014 8:15	Vented	5/17/2014 8:15	169	SR139201	7 55G Drums	51.8
		1/24/2014 12:40	1/16/2014 8:40	2/1/2014 8:32	Vented	5/17/2014 8:32	195	SR139206	4 55G Drums	29.6
		1/24/2014 12:40	1/16/2014 8:40	2/1/2014 8:34	Vented	5/17/2014 8:34	195	SR139207	7 55G Drums	51.8
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:30	2/4/2014 17:50	Vented	5/20/2014 17:50	162	SR139767	7 55G Drums	51.8
		2/1/2014 15:45	1/23/2014 10:30	2/4/2014 17:51	Vented	5/20/2014 17:51	162	SR139766	4 55G Drums	29.6
		2/1/2014 15:45	1/23/2014 10:40	2/4/2014 13:51	Vented	5/20/2014 13:51	193	SR139755	6 55G Drums	44.4
		2/1/2014 15:45	1/23/2014 10:40	2/4/2014 13:52	Vented	5/20/2014 13:52	193	SR139756	7 55G Drums	51.8
		2/1/2014 15:45	1/23/2014 10:35	2/4/2014 17:51	Vented	5/20/2014 17:51	201	SR139760	6 55G Drums	44.4
		2/1/2014 15:45	1/23/2014 10:35	2/4/2014 17:52	Vented	5/20/2014 17:52	201	SR139761	7 55G Drums	51.8
SRS	SR314011	1/28/2014 14:10	1/22/2014 8:30	2/3/2014 12:14	Vented	5/19/2014 12:14	3	SR139781	1 SLB2	261
---	14 Shipments	---	---	---	---	---	28 Packages	38 Assemblies	---	3,439.50 ft^3

[1]55G Drum=7.4 ft^3, SWB=66.3 ft^3, TDOP=160 ft^3, 85G Drum=11.4 ft^3, 100G Drum=13.4 ft^3, SLB2=261 ft^3 (Permit, Part 3, Section 3.3.1)
INL – Idaho National Laboratory
LANL – Los Alamos National Laboratory
SRS – Savannah River Site

Attachment 3
Ventilation Fans Inspection Round Sheets
(See file on compact disc)

Round Sheet Legend

Circled Numbers ②	Note numbers on the Comment Section of the Round Sheet
AR	Action Request
EFB	Exhaust Filter Building
I/S	In Service
MBP	Maintenance By Pass
Sec	Secured
STBY	Standby
Tag	Tagged Out
DP	Differential Pressure
“wc	Inches Water Column

Attachment 4
Filter Differential Pressures
(See file on compact disc)

Attachment 5

Environmental Monitoring

(See files on compact disc)

VOC Monitoring (*no data available as of March 9, 2014*)

Radiological Monitoring

Meteorological Monitoring

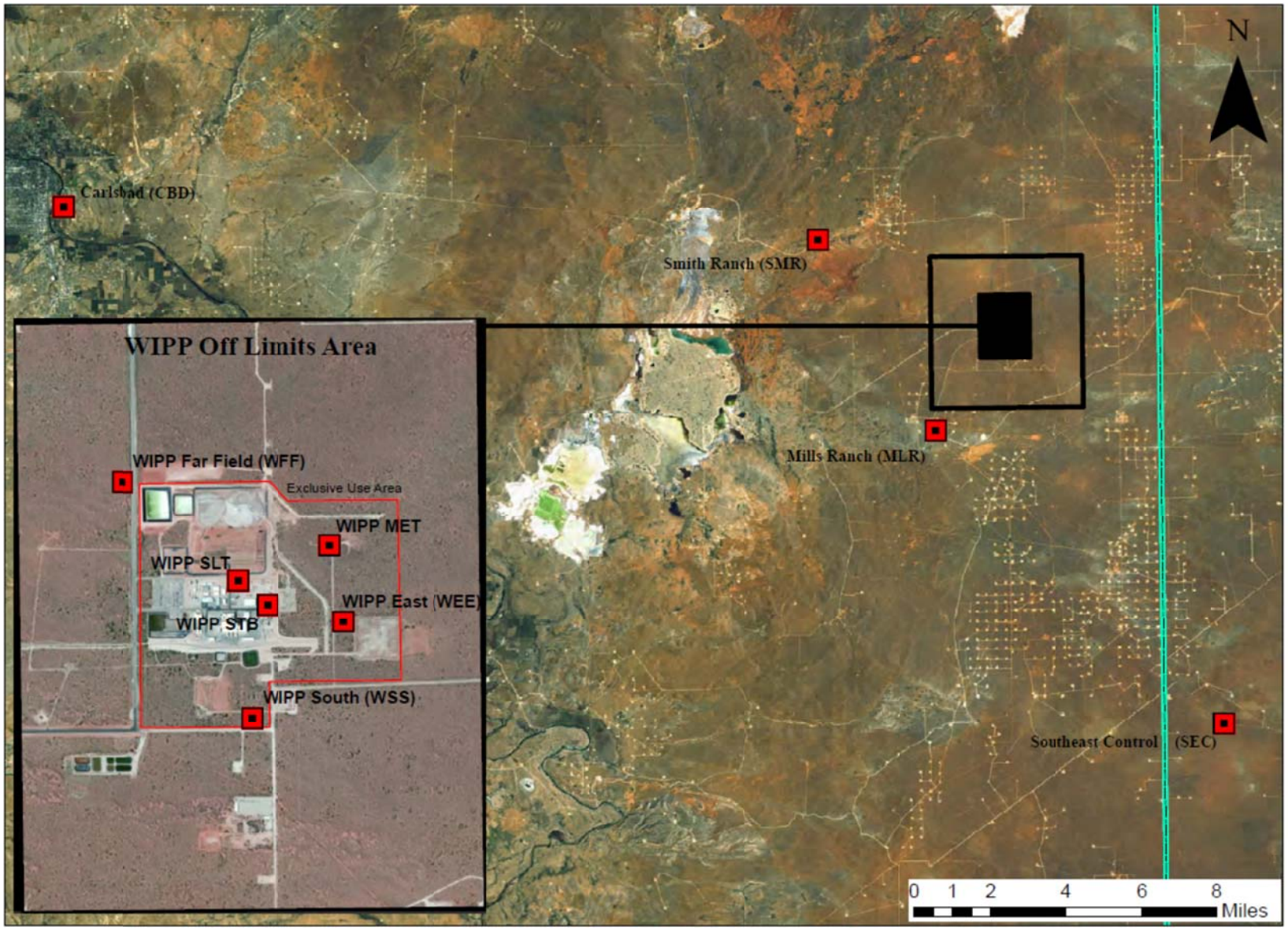
Soil Monitoring *(no data available as of March 9, 2014. Carlsbad Low Volume Sampling Site is not a soil sampling location)*

Surface Water Monitoring *(no data available as of March 9, 2014)*

Vegetation Sampling *(no data available as of March 9, 2014)*

Location of Sampling Sites

Locations: Low Volume Air Sampling, Soil Sampling, Vegetation, and Meteorological Monitoring



VOC Sampling Locations

Surface Water Sample Locations