

DOE/ID-11108
Revision 0
Project No. 23361
July 2003



U.S. Department of Energy
Idaho Operations Office

FY 2003 Annual Institutional Controls Assessment Report for the Test Reactor Area, Operable Unit 2-13



**FY 2003 Annual Institutional Controls Assessment
Report for the Test Reactor Area, Operable Unit 2-13**

July 2003

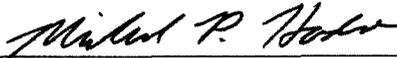
**Prepared for the
U.S. Department of Energy
Idaho Operations Office**

**FY 2003 Annual Institutional Controls Assessment
Report for the Test Reactor Area,
Operable Unit 2-13**

DOE/ID-11108
Revision 0

July 2003

Approved by



Mike Hodel
Surveillance, Monitoring and Long-Term
Operations Project Manager

7-30-03

Date



Doug Vandell
Surveillance, Monitoring and Long-Term
Operations Project Engineer

7/30/03

Date

ABSTRACT

This Annual Institutional Controls Assessment Report documents the inspection of institutional controls mandated for sites in Waste Area Group 2 (Test Reactor Area) at the Idaho National Engineering and Environmental Laboratory by the *Final Record of Decision for Test Reactor Area Operable Unit 2-13 at Idaho National Engineering and Environmental Laboratory* and the *Explanation of Significant Differences to the Record of Decision for Test Reactor Area Operable Unit 2-13*. The United States Environmental Protection Agency Region 10 and the State of Idaho Department of Environmental Quality require inspection of institutional controls and documentation of findings. These activities were performed on April 23, 2003. Follow-up inspection of the covers and barriers was conducted on June 18, 2003. This report fulfills the annual requirement.

CONTENTS

ABSTRACT.....	iii
ACRONYMS.....	vii
1. INTRODUCTION.....	1
1.1 FY 2003 Institutional Controls Assessment.....	1
2. INSTITUTIONAL CONTROLS ASSESSMENT RESULTS FOR 2003.....	4
3. OPERATION AND MAINTENANCE ASSESSMENT RESULTS FOR 2003.....	7
3.1 Assessment of Engineered Cover.....	7
3.2 Assessment of Native Covers	7
3.3 Radiological Monitoring.....	7
4. CONCLUSION	8
4.1 Observations	8
4.2 Recommendations	8
5. REFERENCES.....	9
Appendix A—Inspection Documents.....	A-1
Appendix B—Photographs from Institutional Controls Assessment and Operation and Maintenance Inspection.....	B-1
Appendix C—Radiation Surveys in 2003.....	C-1

FIGURES

1. Location of TRA on the INEEL Site.....	2
2. Test Reactor Area showing locations of CERCLA sites	3

TABLES

1. Assessment summary of Test Reactor Area sites, 2003	4
--	---

ACRONYMS

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFLUP	Comprehensive Facility and Land Use Plan
DOE-ID	U.S. Department of Energy Idaho Operations Office
ECA	Environmentally Controlled Area
EPA	U.S. Environmental Protection Agency
IC	institutional control
INEEL	Idaho National Engineering and Environmental Laboratory
O&M	operation and maintenance
OU	operable unit
PCB	polychlorinated biphenyl
ROD	record of decision
TRA	Test Reactor Area
WAG	waste area group

FY 2003 Annual Institutional Controls Assessment Report for the Test Reactor Area, Operable Unit 2-13

1. INTRODUCTION

The purpose of this Annual Institutional Controls Assessment Report is to document the Fiscal Year (FY) 2003 assessment conducted at the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 USC 9601 et seq.) sites in Waste Area Group (WAG) 2, Operable Unit (OU) 2-13 at the Idaho National Engineering and Environmental Laboratory (INEEL). Refer to Figure 1 for a map of the INEEL Site showing the location of the Test Reactor Area (TRA). This report contains all elements presented in the *Operations and Maintenance Plan for the Final Selected Remedies and Institutional Controls at Test Reactor Area, Operable Unit 2-13* (DOE-ID 2000a) Section 7. Refer to Figure 2 for a map of the Test Reactor Area with the locations of the CERCLA sites.

1.1 FY 2003 Institutional Controls Assessment

The assessment of the institutional controls (ICs) at the 15 sites under OU 2-13 was conducted as specified in the Record of Decision (DOE-ID 1997a) and the Explanation of Significant Differences (DOE-ID 2000b). Two members of the INEEL Surveillance, Monitoring and Long-Term Operations staff, accompanied by a representative of WAG 2, performed the assessment on April 23, 2003. An Institutional Control Assessment Checklist was completed for each of the 15 sites and the four ROD-pending sites. The completed forms and photographs are available in the appendices to this document.

Operation and maintenance (O&M) inspections of the Warm Waste Pond, Chemical Leach Pond, Sewage Leach Pond, and Sewage Leach Pond Soil Contamination Area were conducted on April 23, 2003 in accordance with the requirements identified in the Operations and Maintenance Plan (DOE-ID 2000a). Inspection records are available in Appendix A. A follow-up O&M inspection was performed on June 18, 2003, to assess the condition of vegetation, as recommended in the earlier inspection.

The *Idaho National Engineering and Environmental Laboratory Comprehensive Facility and Land Use Plan* (DOE-ID 1997b) documents current and anticipated land and facility use at the INEEL. The WAG 2 portion of the Comprehensive Facility and Land Use Plan (CFLUP) (DOE-ID 1997b) has been evaluated as part of the 2003 assessment.

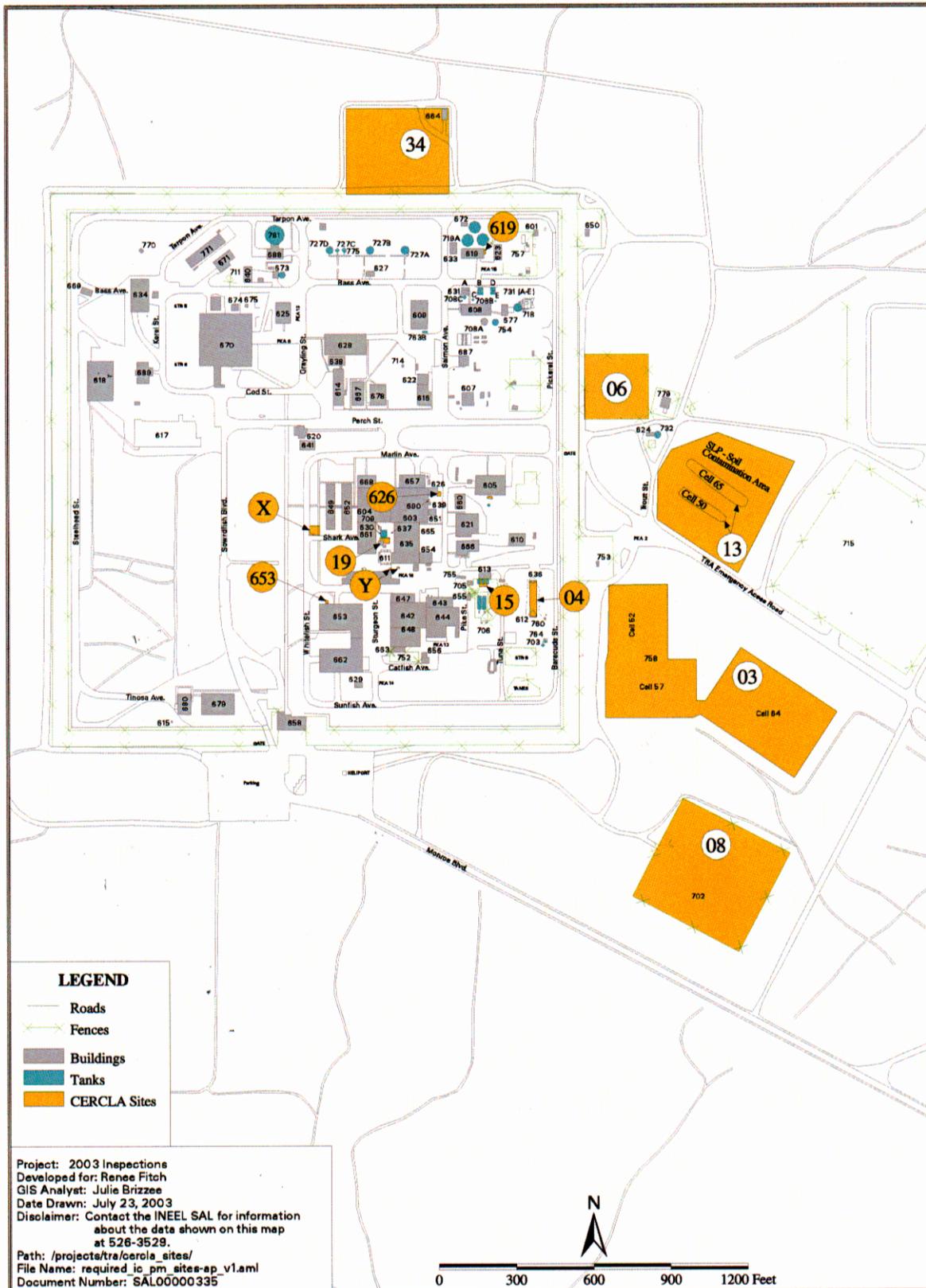


Figure 2. Test Reactor Area showing locations of CERCLA sites. (Numbers in circles are Site Codes listed in Table 1.)

2. INSTITUTIONAL CONTROLS ASSESSMENT RESULTS FOR 2003

The assessment team visited 14 sites on April 23, 2003. Fifteen WAG 2 sites were evaluated in the CFLUP (DOE-ID 1997b). The subsurface Snake River Plane Aquifer/Deep Perched Water System site was not visited, but was reviewed in the CFLUP for controls. A summary of assessment findings is listed in Table 1.

Table 1. Assessment summary of Test Reactor Area sites, 2003.

Site Code	Site Name	Assessment Findings	Recommendations	CFLUP comments	Actions taken
TRA-03	TRA Warm Waste Pond (sediments)	White "ECA" sign present	Recommend replacing "ECA" sign with orange IC signs.	Information is correct.	Signs are being replaced. Site was visited 6-18-03 to check growth of vegetation
TRA-06	TRA Chemical Waste Pond (TRA-701)	White "ECA" sign present	Recommend replacing "ECA" sign with orange IC signs.	Information is correct.	Signs are being replaced. Site was visited 6-18-03 to check vegetation.
TRA-08	TRA Cold Waste Disposal Pond (TRA-702)	White "ECA" sign present	Recommend replacing "ECA" sign with orange IC signs.	Information is correct.	Signs are being replaced.
TRA-13	TRA Sewage Leach Pond (2) by TRA-732	White "ECA" sign present	Recommend replacing "ECA" sign with orange IC signs.	Information is correct.	Signs are being replaced. . Site was visited 6-18-03 to check vegetation
None	Sewage Leach Pond Soil Contamination Area	This site is shown on TRA-13 sign only	Recommend placing IC signs.	Not in the CFLUP, needs to be entered	Site has been entered in the CFLUP under the name "TRA-13SCA". Signs are being placed. . Site was visited 6-18-03 to check vegetation
TRA-15	TRA Hot Waste Tanks 2, 3, and 4 at TRA-613 (TRA 713-B, 713-C, and 713-D)	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Information is correct. Spelling error found.	Signs are being replaced.
TRA-19	TRA Rad Tanks 1 and 4 at TRA-630, replaced by Tanks 1, 2, 3, and 4 (TRA-730-1, 730-2, 730-3, and 730-4)	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Picture and comment will be revised. IC information is correct.	CFLUP information has been revised and signs are being replace.

Table 1. (continued).

Site Code	Site Name	Assessment Findings	Recommendations	CFLUP comments	Actions taken
TRA-Y	Brass Cap Area	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Information is correct.	Signs are being replaced
TRA-619	TRA PCB spill at TRA-619	Area is in construction site at present and sign and sign post are leaning against building	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign. Recommend re-setting the signpost and sign.	Information is correct.	Signs are being replaced
TRA-626	TRA PCB spill at TRA-626	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Information is correct.	Signs are being replaced
TRA-653	TRA PCB spill at TRA-653	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Information is correct.	Signs are being replaced
TRA-04	TRA Warm Waste Retention Basin, surficial sediments (TRA-712)	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	No photograph, information is correct.	A photograph has been placed in the CFLUP. Signs are being replaced
TRA-34	TRA North Storage Area	One "ECA" sign	Recommend replacing with orange IC sign.	Site has posting without information; need to revise and add photograph.	CFLUP information has been revised and signs are being replace.
TRA-X	Hot Tree Site	No deficiencies found	Sign is white and lacks "You Are Here" mark. Recommend replacing with orange IC sign.	Information is correct.	Signs are being replaced.
TRA-GW	Perched Water and Snake River Plain Aquifer Groundwater	None	Update the CFLUP.	Information is inadequate; need to discuss well drilling and land use controls.	CFLUP information has been revised. No photograph is available. No signs are required.

CFLUP = Comprehensive Facility and Land Use Plan
 TRA = Test Reactor Area
 IC = institutional control
 PCB = polychlorinated biphenyl
 ECA = Environmentally Controlled Area

Fourteen institutional control sites at WAG 2 are posted with warning signs and are access controlled. (The fifteenth IC site, the ground water contamination site, does not require signs.) While warning signs are present, they are not consistent throughout WAG 2 and are not consistent with the other WAGs at the INEEL. The frequency of the signs at WAG 2, the format of information, and the color of the signs should be consistent throughout WAG 2 and consistent with other WAGs at the INEEL. Therefore, it is recommended that the IC signs be replaced at WAG 2 CERCLA sites prior to the 2004 annual assessment.

The April 2003 assessment determined that the CFLUP (DOE-ID 1997b) correctly lists the CERCLA restrictions and controls. Only these exceptions were noted:

- TRA-34 lacks data and a photograph
- The Soil Contamination Area around TRA-13 Sewage Leach Pond is not included
- The Snake River Plane Aquifer/Deep Perched Water System needs to be revised to discuss well drilling and land use restrictions.

The CERCLA module of the CFLUP has been revised to correct the above exceptions and is available at CFLUP.INEL.GOV.

3. OPERATION AND MAINTENANCE ASSESSMENT RESULTS FOR 2003

Inspection documentation including Institutional Control Assessment Checklists and Inspection Report Forms are in Appendix A. Site photographs are in Appendix B.

3.1 Assessment of Engineered Cover

The visual perimeter walk-around was performed at the Warm Waste Pond (TRA-03) on April 23, 2003 and was repeated on June 18, 2003. There was no visible evidence of either subsidence in the engineered cover or of animal intrusions. Native plants (green rabbitbrush) and grass species were observed growing on the cap. The revegetation areas around the cover show good growth. Warning signs and permanent barriers are in place. Refer to Appendix B for photographs of TRA-03 on April 23, 2003.

3.2 Assessment of Native Covers

The native covers on the Chemical Waste Pond (TRA-06), the Sewage Leach Pond (TRA-13), and Sewage Leach Pond Contamination Area (TRA-13SCA) were inspected on April 23, 2003. No signs of surface erosion, intrusion or subsidence were observed on or around the soil covers. Due to the timing of the assessment, the vegetation on the native covers was brown with minimal spring growth showing. The vegetation appears to be dominated by weeds such as halogeton, kochia and Russian thistle. Only minimal evidence of recommended species (e.g., grasses and other seedlings) was present. The covers were revisited on June 18, 2003 to note the condition later in the growing season. The condition of the vegetative cover was improved, with signs of emerging grass as well as native plant growth. Refer to Appendix B for photographs of TRA-06, TRA-13 and TRA-13SCA on April 23, 2003 and June 18, 2003.

3.3 Radiological Monitoring

The Operations and Maintenance Plan (DOE-ID 2000a) requires that annual radiological monitoring be performed at the following sites:

- Test Reactor Area (TRA)-03 Warm Waste Pond boundary
- TRA-13 Sewage Leach Pond cover
- TRA-13 Soil Contamination Area boundary.

This monitoring was conducted to identify potential contaminant migration and to ensure that existing institutional controls are protective of occupational exposure. The 2003 survey results are consistent with those reported last year in *FY-2002 Annual Institutional Controls Inspection Report for the Test Reactor Area, Operable Units 2-13 and 2-14 (Final)* (INEEL 2002) and with findings in 2001 and 2002. No anomalies were identified. The western boundary of TRA-03 once again showed higher count rates relative to the rest of the Warm Waste Pond boundary. The 2003 results showed a decrease in the count rate from 2002, most likely due to waste removal from this storage area within the TRA fence.

4. CONCLUSION

All inspections required by the Record of Decision (DOE-ID 1997a) and the Explanation of Significant Differences (DOE-ID 2000b) were performed and documented in accordance with requirements in the Operations and Maintenance Plan (DOE-ID 2000a). All inspections of the OU 2-13 CERCLA sites) were completed on April 23, 2003. All institutional controls implemented at these sites are operating as expected and remain protective of human health and the environment. The O&M inspections showed that radiological levels are consistent with previous years. Native soil covers and riprap barriers are in good condition and are protective of the environment with no evidence of subsidence or animal intrusion. The O&M inspection of vegetation on native soil covers were performed on April 23, 2003 and repeated on June 18, 2003. The condition of the vegetation was poor in April but was improved in June. While minor recommendations were noted for correction and are included below.

4.1 Observations

The following observations were noted during the required inspections of the 19 sites (15 in OU 2-13) addressed in this report:

- TRA-06—The surface of the Chemical Waste Pond cap was dominated by various weed species in April but desirable plant and grass species were evident in June
- TRA-13—The surface of the Sewage Leach Pond and the associated Sewage Leach Pond Soil Contamination Area was dominated by various weed species in April, but desirable plant and grass species were evident in June
- The WAG 2 CFLUP information is incomplete or insufficient for several sites
- Signs at some of the CERCLA sites in OU 2-13 are “ECA”(Environmentally Controlled Area) signs and not “IC” signs and show the effects of age
- IC signs are not orange
- IC signs do not have “You Are Here” reference markers on maps.

4.2 Recommendations

The following recommendations were noted:

- Allow the vegetation on TRA-06, TRA-13 and TRA-13SCA to further establish itself, as signs of planted vegetation are increasing
- Revise the information in CFLUP (Note: completed in May 2003)
- Replace signs at OU 2-13 with orange background IC signs consistent with INEEL standard (Note: action in progress)
- Include “You Are Here” information on all new signs (Note: action in progress).

5. REFERENCES

- 42 USC 9601 et seq., 1980, "Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA/Superfund)," *United States Code*, December 11, 1980.
- DOE-ID, 1997a, *Final Record of Decision for Test Reactor Area Operable Unit 2-13 at Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho*, Department of Energy Idaho Operations Office, DOE/ID-10586, Rev. 0, December 1997.
- DOE-ID, 1997b, *Idaho National Engineering and Environmental Laboratory Comprehensive Facility and Land Use Plan*, U.S. Department of Energy Idaho Operations Office, DOE/ID-10514, December 1997. (Official Use Only)
- DOE-ID, 2000a, *Operations and Maintenance Plan for the Final Selected Remedies and Institutional Controls at Test Reactor Area, Operable Unit 2-13*, Department of Energy Idaho Operations Office, DOE/ID-10658, Rev. 3, March 2000.
- DOE-ID, 2000b, *Explanation of Significant Differences to the Record of Decision for Test Reactor Area Operable Unit 2-13*, Department of Energy Idaho Operations Office, DOE/ID-10744, Rev. 0, May 2000.
- EPA, 1999, *Region 10 Final Policy on the Use of Institutional Controls at Federal Facilities: Region 10 Memorandum*, EPA 910-X-99-001, U.S. Environmental Protection Agency.
- INEEL 2002, *FY-2002 Annual Institutional Controls Inspection Report for the Test Reactor Area, Operable Units 2-13 and 2-14 (Final)*, INEEL/EXT-02-00933, Rev. 0, October 2002.
- MCP-3448, "Reporting Potentially Hazardous Sites," Rev. 4, *Manual 8—Environmental Protection and Compliance*, Idaho National Engineering and Environmental Laboratory, April 11, 2003.

Appendix A
Inspection Documents

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 AM 9:09

Persons Conducting Inspection:

<u>Wendell L Jolley</u>	<u>Work Package Mgr</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>D Renee Fitch</u>	<u>IC Coordinator</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>Deborah Wagoner</u>	<u>Principle Scientist</u>	<u>WAG 2 Representative</u>
Name	Title	Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- 03
Operable Unit: OU 2-13

SITE DESCRIPTION: Warm Waste Pond
ROD LAND USE: Industrial / Radiologically Controlled
CURRENT LAND USE: Industrial / Radiologically Controlled

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓
- Warning Signs ✓
- Fencing _____
- Control of Activities ✓
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓
- Warning Signs ✓
- Fencing _____
- Control of Activities ✓
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____
Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) —

Photograph identification number [see attached photo number log] PD 030242-02-JR

Site Inspection Form
CERCLA Institutional Control Sites

OBSERVATIONS

TRA 03

Current Operational Status of the Site, 0 ft m of soil cover

Evidence of human intrusion NO

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

none

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

none

**Site Inspection Form
CERCLA Institutional Control Sites**

DATE/TIME: April 23, 2003 10:50 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA-04

Operable Unit: OU 2-13

SITE DESCRIPTION: TRA-04 Retention Basin

ROD LAND USE: Industrial

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP _____
- Property lease or transfer restrictions ✓ _____
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities ✓ _____
- Inclusion in CFLUP ✓ _____
- Property lease or transfer restrictions ✓ _____
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s)

Photograph identification number [see attached photo number log] PD 030242-0
PD 030242-01

Site Inspection Form
CERCLA Institutional Control Sites

TRA04

OBSERVATIONS

Current Operational Status of the Site, N/A

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form
CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 920 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- 06
 Operable Unit: OU 2-13

SITE DESCRIPTION: Chemical Waste Pond
 ROD LAND USE: Industrial / unrestricted
 CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓
- Warning Signs ✓
- Fencing _____
- Control of Activities ✓
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓
- Warning Signs ✓
- Fencing _____
- Control of Activities ✓
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD 03 0242-09

Site Inspection Form
CERCLA Institutional Control Sites

TRA-06

OBSERVATIONS

Current Operational Status of the Site, O&M (Soil Cover)

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain RWP not required for inspection

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

Native vegetation sparse - Revisited in June, saw
Signs of growth; more photo taken PD030242-1

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

improved growth of vegetation noted in June 2003

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 8:35 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u>	<u>Work Package Mgr</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>D Renee Fitch</u>	<u>IC Coordinator</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>Deborah Wagoner</u>	<u>Principle Scientist</u>	<u>WAG 2 Representative</u>
Name	Title	Organization

SITE INFORMATION: -- CERCLA Site ID: TRA-TRA-08

Operable Unit: OU 2-13

SITE DESCRIPTION: Cold Waste Pond

ROD LAND USE: Industrial / Unrestricted

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____
Fencing	_____ ✓ _____
Control of Activities	_____
Inclusion in CFLUP	_____
Property lease or transfer restrictions	_____ ✓ _____
Notice to affected stakeholders	_____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓ _____
Fencing	_____ ✓ _____
Control of Activities	_____ ✓ _____
Inclusion in CFLUP	_____ ✓ _____
Property lease or transfer restrictions	_____ ✓ _____
Notice to affected stakeholders	_____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) —

Photograph identification number [see attached photo number log] PD0309242-1

Site Inspection Form
CERCLA Institutional Control Sites

TRA 08

OBSERVATIONS

Current Operational Status of the Site, South pond receives effluent

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the site:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form
CERCLA Institutional Control Sites

TRA-13

OBSERVATIONS

Current Operational Status of the Site, 0 ft m of engineered cover

Evidence of human intrusion None

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A JRF

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain RWP not required for O&M visits

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

sparse growth observed. Revisit in June

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

improvement in vegetation noted
and photographed PD 030242-24.jpg

Site Inspection Form
CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 9:15 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA-13SCA

Operable Unit: OU 2-13

SITE DESCRIPTION: Sewage leach pond Soil Contamination Area

ROD LAND USE: Industrial

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP _____
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓
- Warning Signs ✓
- Fencing _____
- Control of Activities ✓
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] 9D030242-13.jpg

Site Inspection Form
CERCLA Institutional Control Sites

TRA-13SCA

OBSERVATIONS

Current Operational Status of the Site, OEM of cover

Evidence of human intrusion no

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain RWP not Required

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

Poor plant growth in April

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Visited site in June and noted improved plant growth.

Site Inspection Form
CERCLA Institutional Control Sites

TRA-15

OBSERVATIONS

Current Operational Status of the Site, limited occupational access

Evidence of human intrusion no

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain RWP required

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain ✓

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 11:01 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u>	<u>Work Package Mgr</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>D Renee Fitch</u>	<u>IC Coordinator</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>Deborah Wagoner</u>	<u>Principle Scientist</u>	<u>WAG 2 Representative</u>
Name	Title	Organization

SITE INFORMATION: -- CERCLA Site ID: TRA-19

Operable Unit: OU 2-13

SITE DESCRIPTION: Rad Tanks at TRA-630

ROD LAND USE: Industrial / Radiologically Controlled

CURRENT LAND USE: Industrial / Radiologically Controlled

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP _____
- Property lease or transfer restrictions ✓ _____
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions ✓ _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities ✓ _____
- Inclusion in CFLUP ✓ _____
- Property lease or transfer restrictions ✓ _____
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD 030242-1

Site Inspection Form
CERCLA Institutional Control Sites

TRA-19

OBSERVATIONS

Current Operational Status of the Site, Restricted occupational access

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

**Site Inspection Form
CERCLA Institutional Control Sites**

DATE/TIME: April 23, 2003 941 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA-34

Operable Unit: OU 2-13

SITE DESCRIPTION: North Storage Area

ROD LAND USE: Industrial / Radiologically Controlled

CURRENT LAND USE: Industrial / Radiologically Controlled

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions
- Warning Signs
- Fencing
- Control of Activities
- Inclusion in CFLUP
- Property lease or transfer restrictions
- Notice to affected stakeholders

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions
- Warning Signs
- Fencing
- Control of Activities
- Inclusion in CFLUP
- Property lease or transfer restrictions
- Notice to affected stakeholders

Are the institutional controls operational and functional? YES NO

Are surveyed maps of the site available? YES NO

Drawing Number(s) -

Photograph identification number [see attached photo number log] PD030242-16.JPG

Site Inspection Form
CERCLA Institutional Control Sites

TRA-34

OBSERVATIONS

Current Operational Status of the Site, No operations

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form
CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 11:06 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- 619
 Operable Unit: OU 2-13

SITE DESCRIPTION: PCB spill at TRA-619
 ROD LAND USE: Industrial
 CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP _____
- Property lease or transfer restrictions _____
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓ _____
- Fencing _____
- Control of Activities ✓ _____
- Inclusion in CFLUP ✓ _____
- Property lease or transfer restrictions _____
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s)

Photograph identification number [see attached photo number log] PD 030242-2

Site Inspection Form
CERCLA Institutional Control Sites

TRA619

OBSERVATIONS

Current Operational Status of the Site, No action
Evidence of human intrusion worker were in vicinity during inspection
Warning Signs Clearly Indicate Hazards Present at the Site: YES NO
If NO, explain _____
Warning Signs Clearly Visible from all avenues of approach: YES NO
If NO, explain _____
All signs intact and readable? : YES NO
If NO, explain _____
All Site Boundary Monuments are intact and readable: YES NO
If NO, explain N/A
Required Stakeholder Notices distributed:
YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?
YES NO N/A
If NO, explain _____
Are only DOE Radiological Worker Trained Individuals operating at the is:
YES NO NO,
If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 1100AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u>	<u>Work Package Mgr</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>D Renee Fitch</u>	<u>IC Coordinator</u>	<u>SMLT Operations</u>
Name	Title	Organization
<u>Deborah Wagoner</u>	<u>Principle Scientist</u>	<u>WAG 2 Representative</u>
Name	Title	Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- 626

Operable Unit: OU 2-13

SITE DESCRIPTION: PCB spill by TRA-626

ROD LAND USE: Industrial

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓ _____
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____
Property lease or transfer restrictions	_____
Notice to affected stakeholders	_____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓ _____
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____ ✓ _____
Property lease or transfer restrictions	_____
Notice to affected stakeholders	_____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD 030242-21.JPG

Site Inspection Form
CERCLA Institutional Control Sites

TRA-626

OBSERVATIONS

Current Operational Status of the Site, No action

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO N/A

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO NA

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 1040 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- 653

Operable Unit: OU 2-13

SITE DESCRIPTION: PCB spill at TRA 653

ROD LAND USE: Industrial

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓ _____
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____
Property lease or transfer restrictions	_____
Notice to affected stakeholders	_____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓ _____
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____ ✓ _____
Property lease or transfer restrictions	_____
Notice to affected stakeholders	_____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD 030242-22-JP9

Site Inspection Form
CERCLA Institutional Control Sites

TRA-653

OBSERVATIONS

Current Operational Status of the Site, No action

Evidence of human intrusion No

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

Site Inspection Form CERCLA Institutional Control Sites

DATE/TIME: April 23, 2003 1030 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- X

Operable Unit: OU 2-13

SITE DESCRIPTION: Hot tree site

ROD LAND USE: Industrial

CURRENT LAND USE: Industrial

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____
Property lease or transfer restrictions	_____ ✓
Notice to affected stakeholders	_____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

Visible Access Restrictions	_____
Warning Signs	_____ ✓
Fencing	_____
Control of Activities	_____
Inclusion in CFLUP	_____ ✓
Property lease or transfer restrictions	_____ ✓
Notice to affected stakeholders	_____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD030242-23. JFg

Site Inspection Form
CERCLA Institutional Control Sites

TRAY

OBSERVATIONS

Current Operational Status of the Site, No action

Evidence of human intrusion None

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

**Site Inspection Form
CERCLA Institutional Control Sites**

DATE/TIME: April 23, 2003 1045 AM

Persons Conducting Inspection:

<u>Wendell L Jolley</u> Name	<u>Work Package Mgr</u> Title	<u>SMLT Operations</u> Organization
<u>D Renee Fitch</u> Name	<u>IC Coordinator</u> Title	<u>SMLT Operations</u> Organization
<u>Deborah Wagoner</u> Name	<u>Principle Scientist</u> Title	<u>WAG 2 Representative</u> Organization

SITE INFORMATION: -- CERCLA Site ID: TRA- Y
Operable Unit: OU 2-13

SITE DESCRIPTION: Brass Cap area

ROD LAND USE: _____

CURRENT LAND USE: _____

INSTITUTIONAL CONTROLS REQUIRED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP _____
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

INSTITUTIONAL CONTROLS OBSERVED FOR THE SITE (check all that apply):

- Visible Access Restrictions _____
- Warning Signs ✓
- Fencing _____
- Control of Activities _____
- Inclusion in CFLUP ✓
- Property lease or transfer restrictions ✓
- Notice to affected stakeholders _____

Are the institutional controls operational and functional? YES ✓ NO _____

Are surveyed maps of the site available? YES ✓ NO _____

Drawing Number(s) _____

Photograph identification number [see attached photo number log] PD 030242.01.J09

Site Inspection Form
CERCLA Institutional Control Sites

OBSERVATIONS

Current Operational Status of the Site, No action

Evidence of human intrusion None

Warning Signs Clearly Indicate Hazards Present at the Site: YES NO

If NO, explain _____

Warning Signs Clearly Visible from all avenues of approach: YES NO

If NO, explain _____

All signs intact and readable? : YES NO

If NO, explain _____

All Site Boundary Monuments are intact and readable: YES NO

If NO, explain N/A

Required Stakeholder Notices distributed:

YES NO

RADIOLOGICAL CONTAMINATED SITES ONLY

Are workers operating under an approved Radiological Work Permit?

YES NO

If NO, explain _____

Are only DOE Radiological Worker Trained Individuals operating at the is:

YES NO NO,

If NO, explain _____

DEFICIENCIES/OBSERVATION:

(Provide a description of any deficiencies noted and /or observed)

IMPROVEMENTS:

(Provide any recommendations and/or suggestions for additional ICs which could be implemented at this site which would be beneficial):

INSPECTION REPORT FORM
TRA CHEMICAL WASTE POND, AS REQUIRED BY OU 2-13 OPERATIONS AND MAINTENANCE PLAN
 Annual Inspection of Chemical Waste Pond Cover

INSPECTION ACTIVITY	INSPECTOR'S SIGNATURE	INSPECTION DATE	COMMENTS/RECOMMENDED REPAIR
REVEGETATED AREAS			
1. Inspect for nongrowth areas.	D Renee Fitch	6-18-03	Native grasses are established in places. Most of cover is weeds
2. Inspect for sparse growth areas.	D Renee Fitch	6-18-03	
3. Inspect for weed encroachment.	D Renee Fitch	6-18-03	
NATIVE SOIL COVER			
1. Inspect for erosion areas.	D Renee Fitch	6-18-03	No evidence of erosion, subsidence or animal intrusion.
2. Inspect for animal intrusion.	D Renee Fitch	6-18-03	
3. Inspect for subsidence areas.	D Renee Fitch	6-18-03	
4. Inspect for effectiveness of surface water runoff.	D Renee Fitch	6-18-03	

Printed Name of Inspector (s) D Renee Fitch Photos Taken 2

Qualification/Title Inspector SMLTO

INSPECTION REPORT FORM
TRA WARM WASTE POND, AS REQUIRED BY OU 2-13 OPERATIONS AND MAINTENANCE PLAN

Annual Inspection of Warm Waste Pond

INSPECTION ACTIVITY	INSPECTOR'S SIGNATURE	INSPECTION DATE	COMMENTS/RECOMMENDED REPAIR
REVEGETATED AREAS			
1. Inspect for nongrowth areas.	<i>D Renee Fitch</i>	6-18-03	<i>!vegetated areas are in good condition with grass and native plants well established</i>
2. Inspect for sparse growth areas.	<i>D Renee Fitch</i>	6-18-03	
3. Inspect for weed encroachment.	<i>D Renee Fitch</i>	6-18-03	
RIPRAP BARRIER			
1. Inspect for erosion areas.	<i>D Renee Fitch</i>	6-18-03	<i>No evidence of erosion/subsidence. no evidence of animal intrusion Some weeds and grass between rocks No signs of erosion</i>
2. Inspect for animal intrusion.	<i>D Renee Fitch</i>	6-18-03	
3. Inspect for subsidence areas.	<i>D Renee Fitch</i>	6-18-03	
4. Inspect for effectiveness of surface water runoff.	<i>D Renee Fitch</i>	6-18-03	
PERIMETER OF RIPRAP BARRIER			
1. Perform surface radiological survey.	<i>John L. Miles</i>	4-22-03	<i>No comments</i>

Printed Name of Inspector (s) D Renee Fitch Photos Taken 2 taken
 Qualification/Title Inspector SMLTO from Southside looking north

INSPECTION REPORT FORM
TRA SEWAGE LEACH POND, AS REQUIRED BY OU 2-13 OPERATIONS AND MAINTENANCE
PLAN

Annual Inspection of Sewage Leach Pond Cover

INSPECTION ACTIVITY	INSPECTOR'S SIGNATURE	INSPECTION DATE	COMMENTS/RECOMMENDED REPAIR
REVEGETATED AREAS			
1. Inspect for nongrowth areas.	D Renee Fitch	6-18-03	Growth is sparse but signs of grass taking hold are present.
2. Inspect for sparse growth areas.	D Renee Fitch	6-18-03	
3. Inspect for weed encroachment.	D Renee Fitch	6-18-03	
NATIVE SOIL COVER			
1. Inspect for erosion areas.	D Renee Fitch	6-18-03	No sign of erosion
2. Inspect for animal intrusion.	D Renee Fitch	6-18-03	no sign of animal intrusion
3. Inspect for subsidence areas.	D Renee Fitch	6-18-03	no sign of subsidence
4. Inspect for effectiveness of surface water runoff.	D Renee Fitch	6-18-03	Run-off appears good
PERIMETER OF SOIL COVER			
1. Perform surface radiological survey.	John Eide	5-22-03	No comments

Printed Name of Inspector (s) D Renee Fitch Photos Taken 3
 Qualification/Title Inspector SMLTO one dust, 2 close up of grass clumps

SITE INSPECTION PHOTO NUMBER LOG

WASTE SITE ID: WAG 2 GROUP NUMBER: OU 2-13

DATE: April 23, 2003 TIME OF DAY(if applicable): on log

WEATHER CONDITIONS: Rain and cool temperatures, rain stopping at noon

ROLL NUMBER: Digital camera

PHOTO NUMBER	LOCATION AND DESCRIPTION	Time
PD030242-11.JPG	TRA-08 gate	8:35 AM
PD030242-03.JPG	Weeds/vegetation in TRA-03 riprap	8:40 AM
PD030242-02.JPG	ECA Sign at TRA-03 west side	9:09 AM
PD030242-13.JPG	ECA sign at TRA-13/SCA	9:15 AM
PD030242-09.JPG	ECA sign at TRA-06	9:20 AM
PD030242-16.JPG	TRA-34	9:41 AM
PD030242-23.JPG	TRA-X	10:30 AM
PD030242-22.JPG	TRA-653 PCB Site	10:40 AM
PD030242-01.JPG	TRA-Y	10:45 AM
PD030242-14.JPG	TRA-15	10:50 AM
PD030242-07.JPG	TRA-04	10:55 AM
PD030242-06.JPG	TRA-04	10:51 AM
PD030242-21.JPG	TRA-626 PCB Site	11:00 AM
PD030242-15.JPG	TRA-19	11:01 AM
PD030242-20.JPG	TRA-619 PCB Site	11:06 AM

PHOTOS TAKEN ON JUNE 18, 2003, clear warm day

PD030242-10.JPG	Vegetation on TRA-06	11:25 AM
PD030242-12.JPG	TRA-13 and SCA	11:30 AM
PD030242-24.JPG	Close-up of new growth on TRA-13	11:32 AM
PD030242-04.JPG	TRA-03 WWP, monument	11:15 AM
PD030242-05.JPG	TRA-03 WWP, ECA sign	11:18 AM