

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 3/14-01 / 3-20-00 / 4-2-01

INSPECTOR: Brandon Smith ENV. Eng. BBWI-ER
Name Title Organization

INSPECTOR: B. Sanders Mgr I SERG
Name Title Organization

1. Group Number or NFA Designation: 4
2. Identify security restrictions that would limit or control public trespass:
 Restricted Security Access to the INEEL
 Restricted Security Access to INTEC fenced boundary
3. Release Site ID and Description: CPP-83 Perched Water System at INTEC CPP 55-06
4. Release sites with land use other than Industrial: NONE
5. Provide the current status of any remedial actions at the release sites, e.g., remedial design, construction, O&M, etc:
NONE
6. Visual inspection matrix. If actions have been taken that would modify or close a monitoring well or respond to a deficiency identified in a previous inspection, take photographs and fill out "The Site Inspection Photo Number Log" for the annual report.

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
CPP-33-1	Yes	Yes	Good	Good	Yes	ND
CPP-33-2	Y	Y	G	G	Y	N
CPP-33-3	Y	Y	G	G	Y	N
CPP-37-4	Y	Y	G	G	Y	N
CPP-55-06	Y	Y	G	G	Y	N
PW-1	Y	Y	G	G	Y	N
PW-2 *	Y	Y	G	Poor	Y	N
PW-3	Y	Y	G	G	Y	N
PW-4 *	Y	Y	G	Poor	Y	N

* - See question ID

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)

7. Are any non-CERCLA wells operating in the groundwater IC restriction area?

YES NO ^{ELT} NA

If YES, describe the wells and what program(s) they operate under. WLAP wells, USGS wells.

8. Does a DOE-ID Directive exist that restricts drilling into contaminated zones at OU 3-13 or the INEEL?

YES NO

If NO Explain: DOE-ID performs NEPA analysis for all new drilling activities

9. Have required notices been sent to affected stakeholders (if applicable)?

YES NO NA

If NO Explain: _____

DEFICIENCIES:

10. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems:

PW-2 - Concrete Pad is crumbling
PW-4 - Concrete Pad is crumbling
PW-6 - Concrete Pad is crumbling
USES-50 - Concrete Pad is crumbling

IMPROVEMENTS:

11. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:

I certify that the above inspection report is true and accurate to the best of my ability.

R. Sanders 4/17/01
Inspector signature Date

[Signature] 4-26-01
Inspector signature Date

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 3-20-01 & 4-2-01

INSPECTOR: Lee Tuott WAG 3 Env. Support BBWT-EA
Name Title Organization

INSPECTOR: Bob Sanders MGR I SERG
Name Title Organization

1. Group Number or NFA Designation: 5
2. Identify security restrictions that would limit or control public trespass:
 - Restricted Security Access to the INEEL
 - Restricted Security Access to INTEC fenced boundary
3. Release Site ID and Description: CPP-23 CPP Injection Well (MAH-FE-PL-304)
4. Release sites with land use other than Industrial: NONE
5. Provide the current status of any remedial actions at the release sites, e.g., remedial design, construction, O&M, etc:
N/A
6. Visual inspection matrix. If actions have been taken that would modify or close a monitoring well or respond to a deficiency identified in a previous inspection, take photographs and fill out "The Site Inspection Photo Number Log" for the annual report.

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
MW-18	Y	Y	G	G	Y	ND
USGS-34	Y	Y	G	G	Y	ND
USGS-35*	Y	Y	G	G	Y	ND
USGS-36	Y	Y	G	G	Y	ND
USGS-37	Y	Y	G	G	Y	ND
USGS-38	Y	Y	G	G	Y	ND
USGS-39	Y	Y	G	G	Y	ND
USGS-40	Y	Y	G	G	Y	ND
USGS-41	Y	Y	G	G	Y	ND
USGS-42	Y	Y	G	G	Y	ND

* - see question 10

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
USGS-43	Y	Y	G	G	Y	NO
USGS-44	Y	Y	G	G	Y	NO
USGS-45	Y	Y	G	G	Y	NO
USGS-46	Y	Y	G	G	Y	NO
USGS-47*	-	-	-	-	-	could not find
USGS-48	Y	Y	G	G	Y	NO
USGS-49*	-	Yes	G	G	Y	NO
USGS-51	Y	Y	G	G	Y	NO
USGS-52*	-	Y	G	G	Y	NO
USGS-57	Y	Y	G	G	Y	NO
USGS-59	Y	Y	G	G	Y	NO
USGS-67	Y	Y	G	G	Y	NO
USGS-77	Y	Y	G	G	Y	NO
USGS-82	Y	Y	G	G	Y	NO
USGS-84	Y	Y	G	G	Y	NO
USGS-85	Y	Y	G	G	Y	NO
USGS-111	Y	Y	G	G	Y	NO
USGS-112	Y	Y	G	G	Y	NO
USGS-113	Y	Y	G	G	Y	NO
USGS-114	Y	Y	G	G	Y	NO
USGS-115	Y	Y	G	G	Y	NO
USGS-116	Y	Y	G	G	Y	NO
USGS-121	Y	Y	G	G	Y	NO
USGS-122	Y	Y	G	G	Y	NO
USGS-123	Y	Y	G	G	Y	NO
LF2-08	Y	Y	G	G	Y	NO
LF2-09	Y	Y	G	G	Y	NO
LF2-10	Y	Y	G	G	Y	NO
LF2-11*	-	-	-	-	-	-
LF2-12*	Y	NO	G	G	Y	YES
LF3-08	Y	Y	G	G	Y	NO
LF3-09*	Y	NO	G	G	Y	YES
LF3-10*	N	Y	G	None	Y	NO
LF3-11*	Y	N	G	G	Y	YES

7. Are any non-CERCLA wells operating in the groundwater IC restriction area?

YES NO ^{LT} NA

If YES, describe the wells and what program(s) they operate under. WLAP and USGS
monitoring wells.

8. Does a DOE-ID Directive exist that restricts drilling into contaminated zones at OU 3-13 or the INEEL?

YES NO

If NO Explain: DOE Directive to perform NEPA analysis of all new drilling
activities.

9. Have required notices been sent to affected stakeholders (if applicable)?

YES NO NA

If NO Explain: _____

DEFICIENCIES:

10. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems:

USGS-35 - Gap in Casing - NO annular Seal
USGS-47 - Was not able to locate this well
USGS-49 - Inside Security Fence was not able
to read Label, there also was subsidence under the well.
USGS-52 - Inside Security Fence was not able to
read the Label.
LF2-11 - In a restricted area, was not able to check
LF2-12 - Not locked or capped, water access line & vapor
port tube sticking up out of the well
LF3-09 - riser pipe uncapped, power cable protruding from well
LF3-10 - Label needs replaced
LF3-11 - Steel Plate welded/dropped Pump that rained the
screen on top/ LF3-11A - 3" PVC pipe coming up from
casing no identifier

Information has been provided to WAG ID Gw. personnel for follow-through as deemed appropriate by their experts.

IMPROVEMENTS:

11. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:

LF3-11 - New USGS well is being drilled to replace this well.

I certify that the above inspection report is true and accurate to the best of my ability.

R. Sanders 4/17/01
Inspector signature Date

[Signature] 4-26-01
Inspector signature Date

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-2-01

INSPECTOR: Lee Tuott WAG 3 Env. Support BBWI-EA
Name Title Organization

INSPECTOR: BOB SANDERS MGR I SERG
Name Title Organization

1. Group Number or NFA Designation: 6
2. Identify security restrictions that would limit or control public trespass:
 - Restricted Security Access to the INEEL
 - Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments <input checked="" type="checkbox"/>	Observed Warning Signs/Barriers
CPP-84	Buried Gas Cylinders	Pre-Design	NO	Yes**	Yes
CPP-94	Buried Gas Cylinders	Pre-Design	Yes*	Yes	Yes

* - Gas Cylinders have been removed

- ** - Fence posts and signage observed - survey monuments are not in.
5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed Work Permit(s)/RWPs	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-84	See question 7		N/A	N/A	N/A	NONE
CPP-94	on Group 1		Yes	Yes	Yes	NONE

checkList.

6. Listing of Work Permits and NODs.⁴ Deficiencies should be addressed in No. 7.

<i>Standard 101 Work Permits</i>	<i>Notices of Disturbance</i>
CPP-94	INTEC-043-13-000-25

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

⁴ Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

I certify that the above inspection report is true and accurate to the best of my ability.

R. Sanders 4/17/01
Inspector signature Date

[Signature] 4-26-01
Inspector signature Date

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 3-14-01/3-20-01/4-2-01

INSPECTOR: Lee Tuott WAG 3 Env. Support BBWI-EA
Name Title Organization

INSPECTOR: Bob Sanders Mgr. I SERG
Name Title Organization

1. Group Number or NFA Designation: 7
2. Identify security restrictions that would limit or control public trespass:
 - Restricted Security Access to the INEEL
 - Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-69	Abandoned LRWST CPP VES-SFE-20	Pre-Design	NO	YES*	YES

* - 4 corners of the Building were surveyed.

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed Work Permit(s)/RWP(s)	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-69	See question #7 on Group 1 check list		N/A	N/A	NONE	NONE

I certify that the above inspection report is true and accurate to the best of my ability.

R. Sanders 4/17/01
Inspector signature Date

[Signature] 4-26-01
Inspector signature Date

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 3-14-01 & 4-2-01

INSPECTOR: Lee Tuott WAG3 ENV. Support BBWI-EA
Name Title Organization

INSPECTOR: Bob Sanders Mgr. I SERG
Name Title Organization

1. Group Number or NFA Designation: NEA
2. Identify security restrictions that would limit or control public trespass:
 - Restricted Security Access to the INEEL
 - Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 87

<i>Release Site</i>	<i>Description</i>	<i>Status of Remedial Action</i>	<i>Evidence of Human Intrusion</i>	<i>Observed Boundary Monuments</i>
CPP-06	Trench east of CPP-603 Fuel Storage Basin	5-Year Remedy Review	NO	YES
CPP-17	Soil storage area south of CPP Peach Bottom Fuel Storage Area	5-Year Remedy Review	NO	YES
CPP-22	Particulate air release south of CPP-603	5-Year Remedy Review	NO	YES
CPP-88	Radiologically contaminated soil	5-Year Remedy Review	NO	YES
CPP-90	CPP-708 ruthenium detection	5-Year Remedy Review	NO	YES
CPP-95	Airborne plume	5-Year Remedy Review	NO	YES

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed Work Permit(s)/RWPs	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-06	See question		N/A	N/A	None	N/A
CPP-17	7 on Group		↓	↓	None	N/A
CPP-22	1 checklist		↓	↓	None	N/A
CPP-88	↓		↓	↓	see #6 below	N/A
CPP-90	↓		↓	↓	None	N/A
CPP-95	↓		↓	↓	see #6 below	N/A

6. Listing of Work Permits/RWPs/NODs.^f Deficiencies should be addressed in No. 7.

Standard 101 Work Permits	Radiological Work Permits	Notices of Disturbance
N/A	N/A	INTEC-043-DOO-08
↓	↓	↑ - DOO-09
↓	↓	- DOO-11
↓	↓	- DOO-12
↓	↓	- DOO-19
↓	↓	↓ - DOO-21
↓	↓	INTEC-043-DO1-03
↓	↓	
↓	↓	
↓	↓	
↓	↓	
↓	↓	
↓	↓	
↓	↓	

^f Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

I certify that the above inspection report is true and accurate to the best of my ability.

R. Sanders 4-17-01

Inspector signature

Date

[Signature] 4-26-01

Inspector signature

Date