

FACILITY STATUS CHANGE FORM

Date Submitted: Feb 9, 2011 Originator: David Warren Phone: 539-6040	Area: 100-N Area Facility ID: See Description of Completed activities Action Memorandum: 100-N Ancillary Facilities	Control #: D4-100-N-0007 rev.1
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This form documents agreement among the parties listed below on the status of the facility D&D operations and the disposition of underlying soil in accordance with the applicable regulatory decision documents.

Section 1: Facility Status

- All D4 operations required by action memo complete.
- D4 operations required by action memo partially complete, remaining operations deferred.

Description of Completed Activities and Current Conditions:

This Facility Status Change Form (FSCF) presents previously submitted information, and additional information as necessary, that documents completion of D4 activities at Hanford Facilities 1723-N Warehouse, 1723-NX Laydown Yard, and MO-913 Change Trailer. The previously submitted information, "D4 Project Soils and/or Below Grade Structures Completion Form, 1723-N Warehouse, 1723-NX Laydown Yard, and MO-913 Change Trailer" (Document Number D4-100N-0007) does not conform to a current project requirement that specifies "each completed form must be signed by the DOE-Richland Operations Office (RL) and lead regulator project manager." This FSCF contains those required signatures.

Description of Deferral (as applicable):

None

Section 2: Underlying Soil Status

- No waste site(s) present. No additional actions anticipated.
- Documented waste site(s) present. Cleanup and closeout to be addressed under Record of Decision.
- Potential waste site discovered during D4 operations. Waste site identification number <to be> assigned.

Cleanup and closeout to be addressed under Record of Decision.

Description of Current/As-Left Conditions:

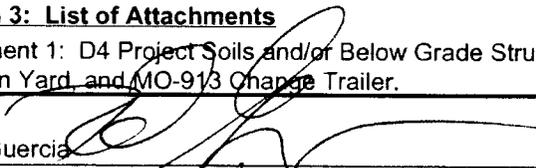
See attachment 1: D4 Project Soils and/or Below Grade Structures Completion Form, 1723-N Warehouse, 1723-NX Laydown Yard, and MO-913 Change Trailer.

Identification of Documented Waste Site(s) or Nature of Potential Waste Site Discovery (as applicable):

See attachment 1: D4 Project Soils and/or Below Grade Structures Completion Form, 1723-N Warehouse, 1723-NX Laydown Yard, and MO-913 Change Trailer.

Section 3: List of Attachments

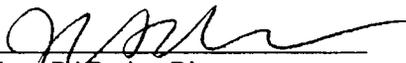
Attachment 1: D4 Project Soils and/or Below Grade Structures Completion Form, 1723-N Warehouse, 1723-NX Laydown Yard, and MO-913 Change Trailer.

Rudy Guercia 	2/16/11
DOE-RL	Date
Rick Bond 	3/1/11
Lead Regulator <input type="checkbox"/> EPA <input checked="" type="checkbox"/> Ecology	Date

100-N D4 Project Facility Completion Form

Attachment 1

D4 Project Soils and/or Below Grade Structures Completion Form 1723N Warehouse, 1723NX Laydown Yard, and MO-913 Change Trailer

Date Submitted: 9/5/06 Originator: S. E. Killoy Phone: 373-5473	Associated Building/ Facility: 1723N Warehouse, 1723NX Laydown Yard, and MO-913 Change Trailer Associated Action Memorandum: Action Memorandum 100N Ancillary Facilities	Document Number: <u>D4-100N-0007</u>
<p>This form, documents that the soil and/ or below grade structures meet the requirements of the Associated Action Memorandum.</p> <p><u>Basis for Determination (attach pertinent documentation):</u></p> <p>The D4 activities for 1723N Warehouse, 1723NX Laydown Yard and MO-913 Change Trailer have been completed in accordance with the requirements of the action memorandum.</p> <p>There are no indications of releases of hazardous materials from these facilities; this determination was based on documented project knowledge of the facility operation and data collected during the demolition of the facility. The basis for this determination is supported as follows:</p> <ul style="list-style-type: none"> • The closest identified WIDS site to these facilities is approximately 50 feet to the south east of the 17232N area, UPR-100-N-31. UPR-100-N-31 is inactive. No WIDS sites were disturbed during the D4 activities associated with 1723N, 1723NX or MO-913. • The post demolition summary report talks of a SCA at the warehouse. The posting of the SCA was done prior to demolition because of the potential of contamination due to biological vectors. Contamination was found and removed by the project. The area was not posted as an SCA prior to demolition. • The HSA recommended that recycling be pursued for copper in the building. The project determined that recycling of the copper was not feasible due to the potential for radiological contamination. • Radiological surveys were completed after building demolition and before soil re-grading. The GPERS survey identified one valid spot of gamma contamination at the 1723N demolition site which was likely due to contamination from a biological vector (i.e., mud dauber nest) on the structure as the contamination was localized and on the soil surface, which was subsequently cleaned up and re-surveyed. Final down posting of the sites from SCA was completed and documented in a radiological survey report included in the demolition summary report (CCN#128266). • Process history. <p>Detailed information pertaining to waste profiles, radiological survey data and sampling data are contained within the demolition summary report (CCN#128266).</p>		
 John Eultor, D4 Project Director		<u>9-12-06</u> Date
 Jim Golden, D4 Environmental Project Lead		<u>9-10-06</u> Date

ES/FR Data Transfer Checklist

Reviewed Facility Operation and WIDS?

1 WIDS site was identified in the HSA.

Reviewed Waste Data?

No sampling was needed. Waste profile 1000007 was used

Reviewed Rad Data?

Area waste posted as a temporary SCA due to the potential for biological transport of contamination; this was removed at the completion of ~~the~~ activities.

Reviewed Sample Data?

NTA

Functional Review?

NTA

GPS Data Provided?

yes

Items Discovered During Demolition Provided?

yes.

Rad Survey Data Provided?

Survey numbers referenced.

Waste Profile Numbers Provided?

yes

CVP Provided?

NTA

Photo Files Provided?

Photo copies. Electronic copies available upon request.

ES/FR Data Transfer Checklist

LARADS/ GEPRS files Provided?
Yes. see PSD.

WCH Washington
Closure
Hanford

Interoffice Memorandum

127186

TO: C. R. Watson X5-50

DATE: May 1, 2006

COPIES: See Below
Records and Document Control H0-30

FROM: *DB Encke*
D. B. Encke
D&D Characterization
X5-50/373-9733

SUBJECT: **HISTORICAL SITE ASSESSMENT FOR 1723-N, 1723-NX/100N**

Attached is the Historical Site Assessment (HSA) for the 1723-N Warehouse and 1723-NX Laydown Yard.

This report contains a summary of information to assist in the planning and preparation efforts needed to deactivate, decontaminate, and demolish these structures. This HSA is based upon site walkdowns and review of historical documents and drawings.

Information in this report includes a summary of hazardous materials which might be present in these facilities, provides a brief summary of the available historical information, and denotes issues which could impact demolition activities.

Please contact myself, at 373-9733, or James Crocker at 376-4058, if you have any question regarding this information.

DBE:jwc

Attachment(s): Historical Site Assessment For 1723-N, 1723-NX Facilities

Copies (all w/a)

R. G. Ayers L7-15

D. A. Bigby X5-50

G. J. Borden X7-85

F. S. Brim X5-50

M. D. Cranston X5-60

J. W. Crocker X5-50

L. A. Dietz H0-23

D. W. Eckert X2-09

D. B. Encke X5-50

R. G. Egge X5-50

E. Y. Lauber X5-50

J. W. Golden L1-04

L. J. Hebdon X0-34

D. W. Humphrys X0-34

I. D. Jacques L1-04

W. L. Jones X5-50

R. R. Nielson X5-50

D. W. Shea X5-50

S. I. Strong X0-34

R. A. Trevino X5-50

P. K. Wells X5-50

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006

1.0 FACILITY IDENTIFICATION AND TYPE

Names:

- 1.1. 1723-N Warehouse
- 1.2. 1723-NX Laydown Yard

These buildings are located north of the previous location of the 1715 tanks (1-4), and north west of the 1310-N "Golf Ball" tank.

Building Types (I, II, or III): The 1723-N building and 1723-NX Laydown Yard are Type II. Type II facilities are potentially contaminated by site operations and processes. Some facilities in the 100-N area have been shown to contain radiological contamination from biological vectors such as mud dauber nests. Therefore, the potential exists for releases to the environment during deactivation, decontamination, decommissioning, and demolition (D4) activities. Activities will be conducted with the goal of minimizing and attempting to eliminate releases to the environment.

2.0 GENERAL PHYSICAL DESCRIPTION

The 1723-N Warehouse is a warehouse and storage area, constructed of metal siding, and steel beams and metal roof. The building measures 154 feet by 80 feet. There are two roll-up doors, one each at the east and west sides of the building, each measuring 20 feet wide and 16 feet high.

The 1723-NX Laydown Yard is a flat, gravel covered, fenced area on the west and south west sides of 1723-N (refer to facility floor plan). A compressed gas cylinder shed is present in the north west corner near the fence, and another covered, open air shed is present at the south west corner used to store propane tanks. A large, horizontally oriented cylindrical propane tank rests on the ground in the 1723-NX Laydown Yard, to the south west corner of 1723-N.

3.0 HISTORICAL OPERATIONS (LEAKS, SPILLS, ETC.)

1723-N is a warehouse, and has been used for storing a variety of items used to support operations at 100-N. No significant stains or other signs of spills were observed on the concrete pad inside the building. No stains or other signs of spills were observed on the exterior of 1723-N, including the 1723-NX Laydown Yard area. Process knowledge and historical knowledge do not indicate any spills or leaks.

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006

4.0 CURRENT OPERATIONAL STATUS

Up until recently 1723-N and 1723-NX were used in their normal capacity as a warehouse and laydown yard. 1723-N currently has an inventory of items in the building and is occupied, however the contents and personnel are being moved out in preparation for building demolition.

5.0 EXPECTED CONTAMINANTS OF CONCERN AND WASTE FORMS

5.1. Radiological Contaminants:

None identified. The possibility of biological contamination exists, for example mud dauber nests. Any radiologically active contamination found would be expected to contain the same ratio of isotopes that were typical of N-reactor operations.

5.2. Hazardous Material Contaminants:

5.2.1. Asbestos:

An asbestos inspection on these facilities by a qualified AHERA Asbestos Inspector is pending release.

5.2.2. Beryllium:

These structures are not on the Hanford Site Beryllium List (<http://www.hanford.gov/safety/beryllium/suspect3.htm>). There is no known pathway or source for beryllium contamination in these buildings, based on process knowledge and available documentation.

5.2.3. Lead:

No lead sources were observed on walkdowns. Lead washers are typical in this type of building construction, however they do not present a waste disposal issue. Reference WCH 2005.

Lead primer paint was called out on drawing H-1-48924 for application on 1723-NX yard post indicator valves. Lead based primer and paint should not pose a waste designation issue per WCH 2005.

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

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5.2.4 Mercury:

No evidence of mercury sources was found from available historical files and based on process knowledge and facility walkdowns.

5.2.5 Polychlorinated biphenyls (PCBs):

Door actuators and fluorescent light ballasts are potential PCB sources. Oil-cooled transformers were not identified as being present, and are therefore not an expected source of PCB's.

5.2.6 Refrigerants:

HVAC systems containing refrigerant are present. No other refrigeration systems were identified, based on available documentation and field observations. HVAC fluids are planned to be removed prior to demolition.

5.2.7 Other:

Lighting on the exterior is suspected to be sodium vapor lamps.

Door actuators are present. These fluids are planned to be removed prior to demolition.

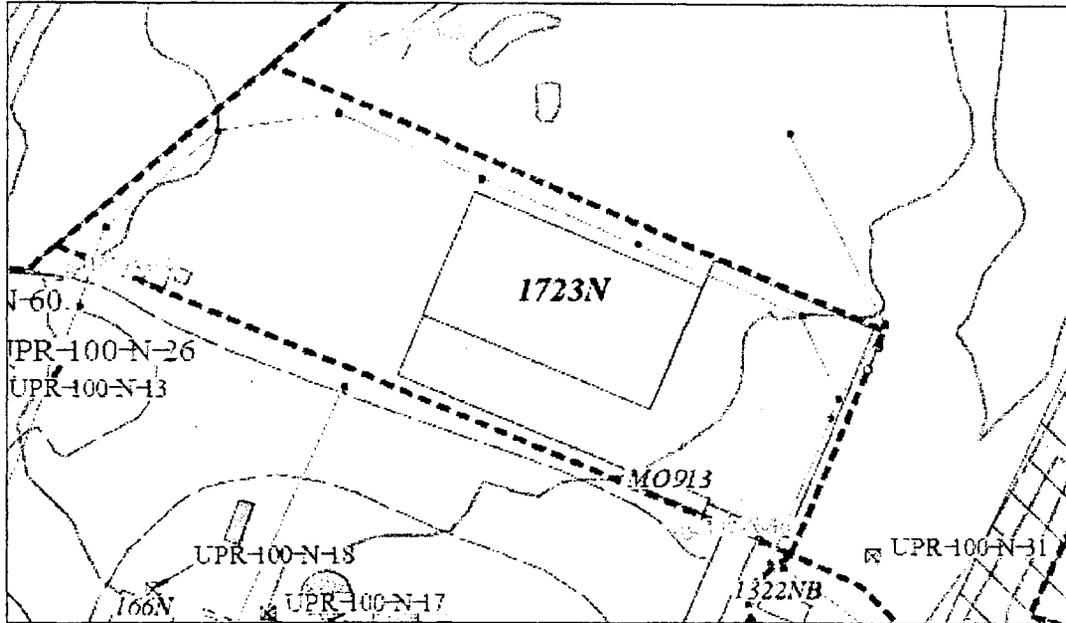
6.0 ENVIRONMENTAL RESTORATION CONCERNS

There is one WIDS site and three monitoring wells in relative proximity to 1723-N and 1723-NX.

- 6.1. 199-N-3: Monitoring well, located north of 1723-NX, still in use.
- 6.2. 199-N-56: Monitoring well, located near the south east side of the 1723-N perimeter, still in use.

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006



WIDS Sites and Monitoring Wells

Further WIDS site and monitoring well details may be found in the online electronic databases.

7.0 OTHER

Drawing H-1-41224 indicates the floor in 1723-N shall be 6" thick with 2.1xW2.1 (6x6) mesh 4000psi mix.

Area heaters are present in 1723-N and they contain thermocouple capillary tubes.

Drawing H-1-41843 specifies wall insulation shall be made of two layers: the first layer shall be polypropylene reinforced Draft facing with R-value of 4, the second layer shall be unfaced with R value of 19. The second layer material is not specified.

Copper is specified as a material for electrical construction in several locations. Copper recycling should be considered due to record high copper prices at this time.

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006

8.0 REFERENCES

BHI, 1994, *"Pre-Existing" Conditions Survey of Hanford Site Facilities to be Managed by Bechtel Hanford, Inc., Phase 2, Rev. 0*, (BHI-00221), Bechtel Hanford Inc., Richland, Washington.

WHC 2005, *Whole-Building Demolition Debris Characterization* (DocsOpen # 0569843), Washington Hanford Company, Richland, Washington.

Drawings:

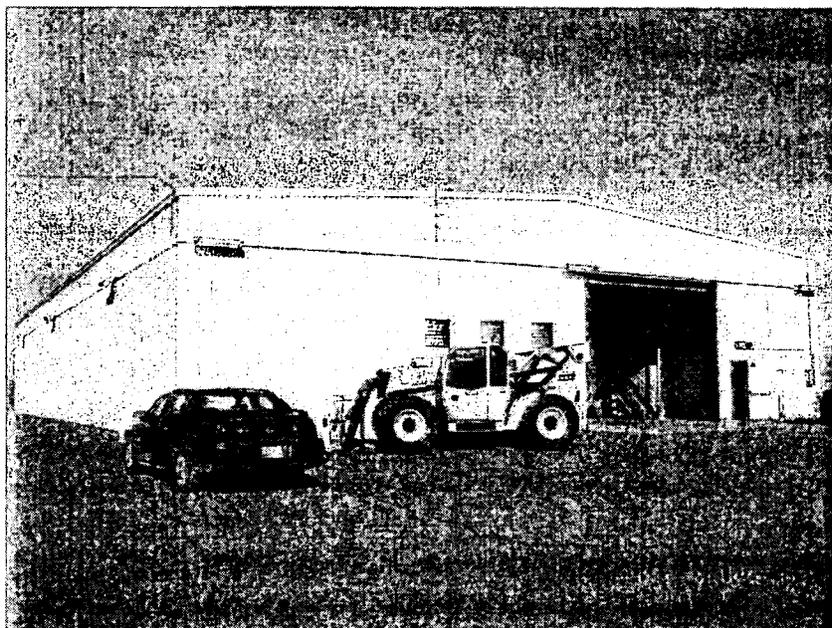
H-1-41224, 1/1, *H 534 CIVIL/ARCH/ELEC PLANS EL DETAILS*
H-1-41225, 1/2, *H534 CIVIL PIPING SITE PLAN & DETAILS*
H-1-41226, 1/2, *ELEC INSTM PLANS ELEVATIONS AND DETAILS*
H-1-41274, 1/1, *ELEC INSTM RADIATION MONITOR CONNECTION DIAGRAMS*
H-1-41841, 1/0, *MEZZ SYS IMPROV SITE PLAN & FENCE LOCATIONS*
H-1-41842, 1/0, *MEZZ SYS IMPROV SPECS & DETAILS*
H-1-41843, 1/1, *1723N INSUL & HTG UPGRADE ELECTRICAL PLAN*
H-1-41843, 2/0, *1723N INSUL & HTG UPGRADE SPECIFICATIONS*
H-1-48924, 1/1, *FIRE PROTECTION SITE PLAN*
H-1-48925, 1/1, *FIRE PROTECTION SPRINKLER SYSTEM PLAN*
H-1-48926, 1/2, *ELECTRICAL FIRE ALARM SYSTEM*
H-1-50357, 1/1, *ELECTRICAL RADIO FIRE ALARM PLAN AND DIAGRAM*
SK-1-28161, 1/0, *CIVIL/ELEC KEY PLAN SITE PLAN & OUTLINE SPECS*
SK-1-28162, 1/0, *STR/L/ELEC PLANS SECTION & DETAIL*
SK-1-8670, 1/0, *H-595 PHASE III FIRE PROT/ELEC SITE PLAN*

**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006

9.0 BUILDING IMAGES

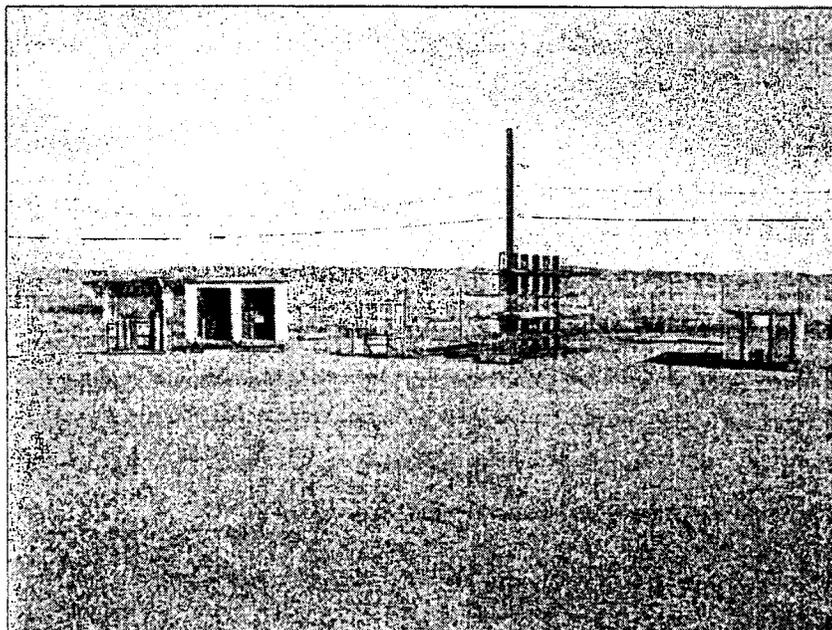
Figure 9.1 - 1723-N Warehouse



**WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD**

April 2006

Figure 9.2 – 1723-NX Laydown Yard

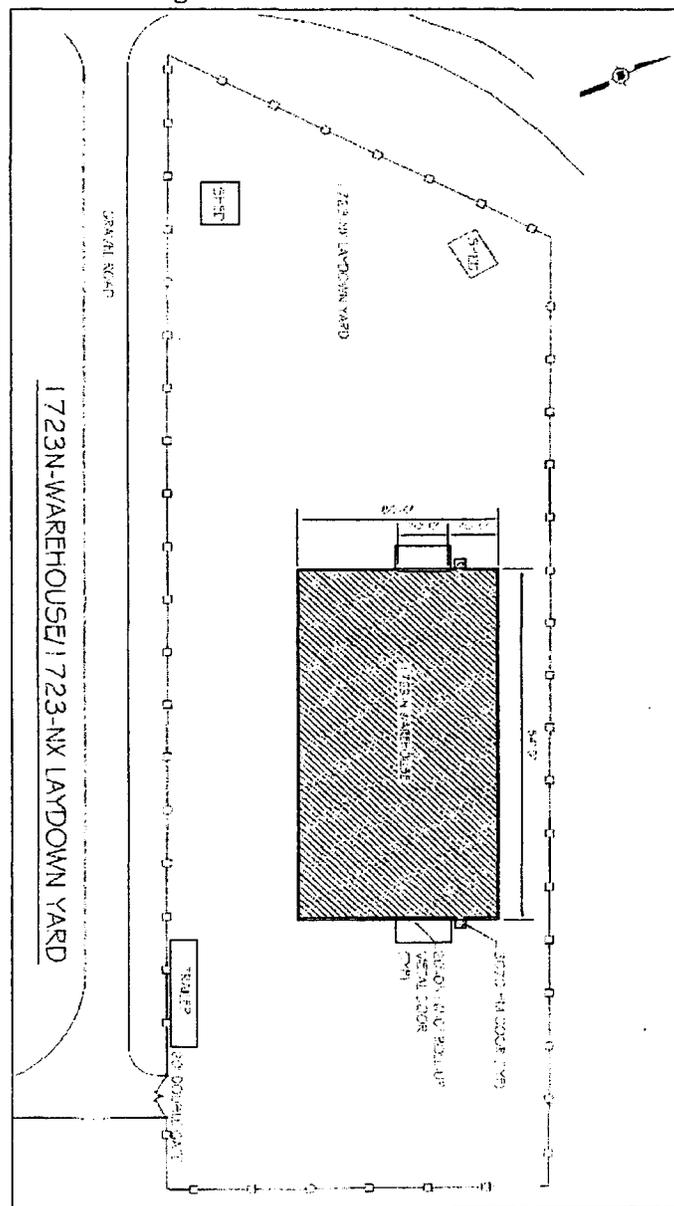


WASHINGTON CLOSURE HANFORD D4 FACILITY CHARACTERIZATION
HISTORICAL SITE ASSESSMENT FOR THE 1723-N WAREHOUSE AND 1723-NX
LAYDOWN YARD

April 2006

10.0 FLOOR PLANS

Figure 10.1 - 1723-N Floor Plan



WCH Washington
Closure
Hanford

Interoffice Memorandum

128266

TO: R. R. Nielson X5-50

DATE: August 24, 2006

COPIES: See Below
Records and Document Control H0-30

FROM: J. W. Crocker *J. W. Crocker*
100 Area D4 Characterization
X5-50/373-9733

SUBJECT: **POST-DEMOLITION SUMMARY REPORT FOR THE 1723N WAREHOUSE,
1723NX LAYDOWN YARD, AND MO-913 CHANGE TRAILER**

Attached is the Post-demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard, and the MO-913 at the 100-N Area. This report documents the final status of the immediate ground area at the facility site after completion of D4 activities. The information in this report includes references to radiological surveys, waste profiles used to ship debris to the ERDF, and a status of WIDS sites associated with these facilities.

If you have any questions, you may contact me on 376-4058.

JWC:mkb

Attachment: Post-demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard, and MO-913 Change Trailer

Copies (all w/a):

R. H. Bidstrup X0-18
F. S. Brim X5-50
J. W. Crocker X5-50
R. G. Egge X5-50
D. B. Encke X5-50
J. W. Golden L1-04
A. M. Hood X5-50
I. D. Jacques L1-04
S. E. Killoy X5-50
E. Y. Lauber X5-50
C. R. Watson X5-50

RECEIVED

AUG 28 2006

WCH - DOCUMENT
CONTROL

Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard and MO-913 Change Trailer

August 2006

Site Information

This post demolition summary report covers the 1723N Warehouse, 1723NX Laydown Yard and the MO-913 Change Trailer at the 100N Area.

The 1723N Warehouse was a warehouse and storage area, constructed of metal siding, and steel beams and metal roof. The building measured 154 feet by 80 feet. There were two roll-up doors, one each at the east and west sides of the building, each measuring 20 feet wide and 16 feet high.

The 1723NX Laydown Yard was a flat, gravel covered, fenced area on the west and south west sides of 1723-N. A compressed gas cylinder shed was present in the north-west corner near the fence, and another covered, open air shed was located at the south west corner used to store propane tanks. A large, horizontally oriented cylindrical propane tank rested on the ground in the 1723NX Laydown Yard, to the south west corner of 1723N.

MO-913 was a mobile office used as a change trailer, constructed of sheet metal and plywood. The trailer contained change rooms, showers, restrooms, and an area for janitorial supplies. The trailer was 10 feet wide by 40 feet long.

Historical Site Assessments (HSAs) were developed for these facilities (WCH 2006, WCH 2006a).

Demolition activities occurred at these facilities during May 2006.

Radiological and Industrial Hygiene Surveys

Radiological surveys were performed to support D4 work progress and down post the area from an SCA to an area with no radiological postings other than those for the general 100-N Area site.

An IH baseline survey was not performed at these facilities because they did not have any postings, had no history of spills or other contamination, and were occupied until evacuated prior to demolition.

GPERS surveys were completed at each of these facilities. Note that the original GPERS survey of the 1723N demolition site showed a number of readings above background for both beta and gamma tracks. The site was re-surveyed with the GPERS instruments, and the beta tracks were determined to be anomalous readings. However, the gamma track showed one valid spot of gamma contamination, which was subsequently cleaned up and re-surveyed (see RSR-IFSM-06-0089). See attached GPERS surveys at the end of this report as attachments. The final down posting performed at the site to down post from an SCA to a non-radiologically posted area was covered by radiological survey RSR-IFSM1-06-0109.

Waste and other Characterization Samples

Characterization samples were taken prior to demolition of these facilities for asbestos identification. See Attachment I, Characterization Sampling Summary. Other sampling was not required at these facilities.

**Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown
Yard and MO-913 Change Trailer
August 2006**

Waste Profiles

Waste profile 100N007 was used to disposition generated waste for disposal at ERDF.

Post Demolition Radiological Survey

GPERS surveys were performed at each of these structures. See GPERS surveys in the attachments at the end of this document.

Civil Survey Information (GPS, including elevation)

GPS civil surveys were performed on the 1723-N, 1723-NX, and MO-913 facilities. Copies of these surveys are provided as attachments at the end of this report.

Status of WIDS Sites Associated with Building Site

The closest identified WIDS site to these facilities is approximately 50 feet to the south east of the 1723N area, UPR-100-N-31. UPR-100-N-31 is inactive. No WIDS sites were disturbed during the D4 activities associated with 1723N, 1723NX, and MO-913.

Anomalies Discovered during Demolition

Monitoring well 199-N-1 was uncovered when the asphalt parking area was taken up. The Fluor Hanford ground water organization was contacted, and subsequently inspected the well head. The area was staked, clearly marked with fence posts, left in place, and is now a candidate for decommissioning. The GPS coordinates for this well are shown in the post demolition civil survey included as an attachment.

Hazmat Removal

Hazardous material and asbestos removal were completed at the 1723N Warehouse, 1723NX Laydown Yard, and MO-913 prior to demolition.

Work Package Numbers for hazardous waste removal are as follows:

1723N Warehouse / 1723-NX Laydown Yard:

2005 09 20 002 Rev.0, Type II 100 Area Hazardous Material Removal, Attachment 7.5ac

MO-913 Change Trailer:

2005 09 20 002 Rev.0, Type II 100 Area Hazardous Material Removal, Attachment 7.5ad

Cost Performance Information

The following charges have been accumulated on these facilities:

1723N -- \$78,200 accumulated as of August 23, 2006
1723NX -- \$25,100 accumulated as of August 23, 2006
MO-913 -- \$7,100 accumulated as of August 23, 2006

Lessons Learned

Prior to demolition, migratory birds established nesting sites within the boundaries of the 1723NX Laydown Yard. It was necessary to wait until these birds were no longer at their nest site before

**Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown
Yard and MO-913 Change Trailer
August 2006**

demolition could begin, and to physically remove a nest from 1723N. In the future, consideration to preventing bird nesting may prevent similar situations.

During this demolition, a well was identified on drawings but no sign of the well could be found at the ground surface, located in an asphalt parking area. When the asphalt was removed the well head was exposed (without damage to the well head). One identified lesson is that abandoned groundwater wells do not always have identifiable evidence of their location at the surface.

Final Building Status

Pipes left in place include one domestic water line and one sewer line. These extend vertically from the ground and are located at the south-west corner of the previous location of MO-913 (see attached civil survey and picture).

The soil in the vicinity of these facilities was re-graded to fill in uneven ground to minimize tripping hazards.

Documentation

Documents referenced in this summary are available through the Document Control organization.

References

WCH, 2006, *Historical Site Assessment for 1723N, 1723NX/100N*, IOM 127186, May 1, 2006, Washington Closure Hanford, Richland, Washington.

WCH, 2006a, *Historical Site Assessment for MO-913/100N*, IOM 127188, May 8, 2006, Washington Closure Hanford, Richland, Washington.

Radiological Surveys:

RSR-IFSM1-06-0072, "1723N Warehouse Demolition, Down-posting and Load-out, and W11 Routine", 5/24/2006.

RSR-IFSM1-06-0077, "Repost CA to RBA/SCA East Side of 1723N Load-out Area", 6/01/2006.

RSR-IFSM1-06-0109 (survey to release from an SCA, this survey is pending official release)

RSR-IFSM1-06-0085, "1723N Warehouse Area South East Corner", 6/8/2006.

RSR-IFSM1-06-0084, "Repost 1723N Warehouse Area to SCA", 6/12/2006.

RSR-IFSM1-06-0089, "Survey of Bldg 1723 foot print after LARADS survey", 6/21/2006.

RSR-IFSM1-06-0082 (for MO-913 Change Trailer)

Drawings:

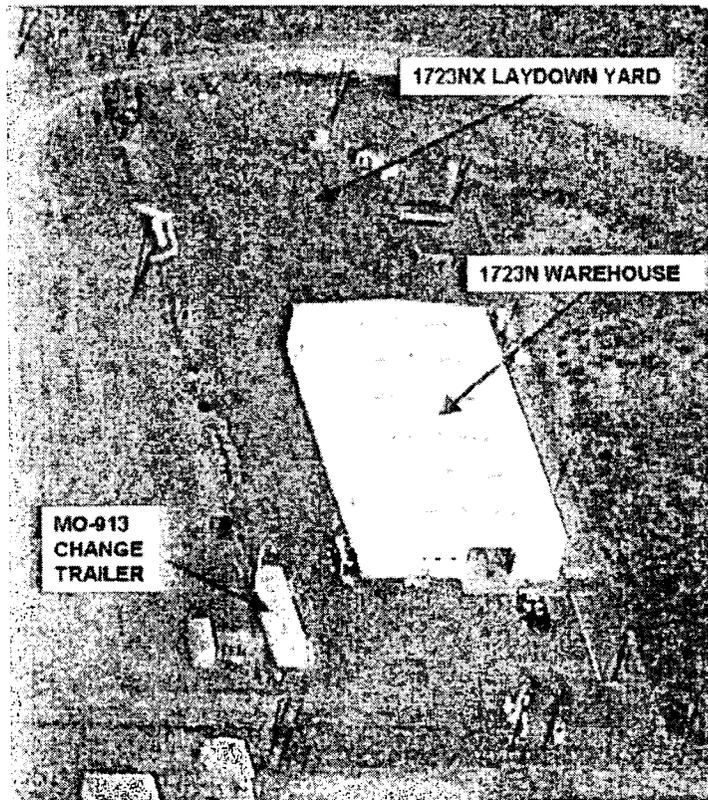
H-1-41224, 1/1, H 534 CIVIL ARCH/ELEC PLANS EL DETAILS

H-1-41225, 1/2, H534 CIVIL PIPING SITE PLAN & DETAILS

H-1-48924, 1/1, FIRE PROTECTION SITE PLAN

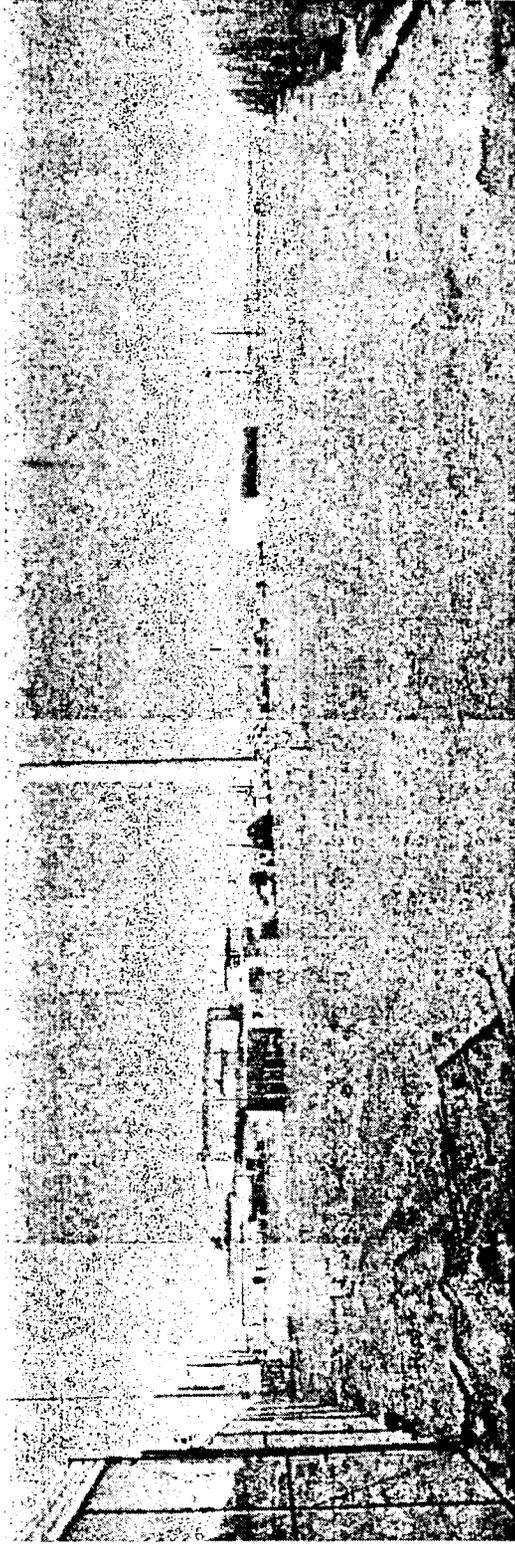
**Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard and MO-913 Change Trailer
August 2006**

Figure 1 – 1723N Warehouse, 1723NX Laydown Yard, and MO-913 Before Demo (top of image pointing west)



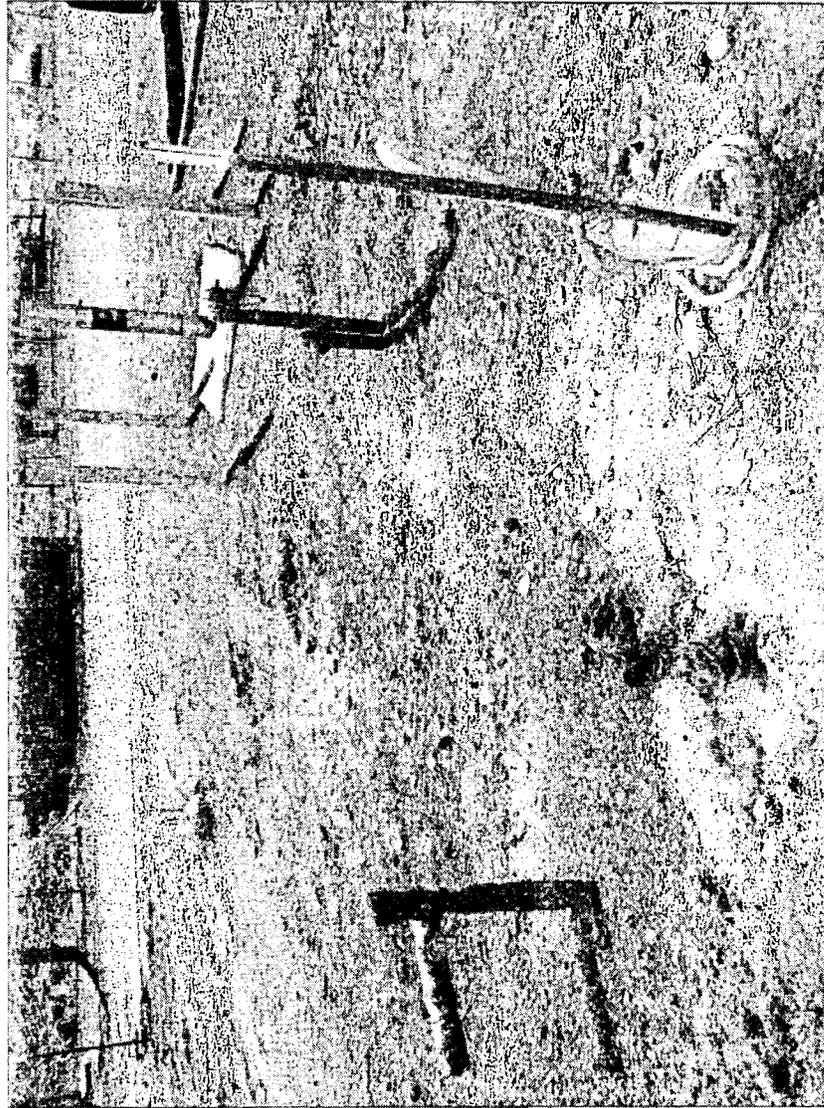
Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
and MO-913 Change Trailer
August 2006

Figure 2 - 1723N Warehouse, 1723NX Laydown Yard, and MO-913 After Demo (Facing South-West)



**Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
and MO-913 Change Trailer
August 2006**

Figure 3 – Pipes Left In Place at MO-913



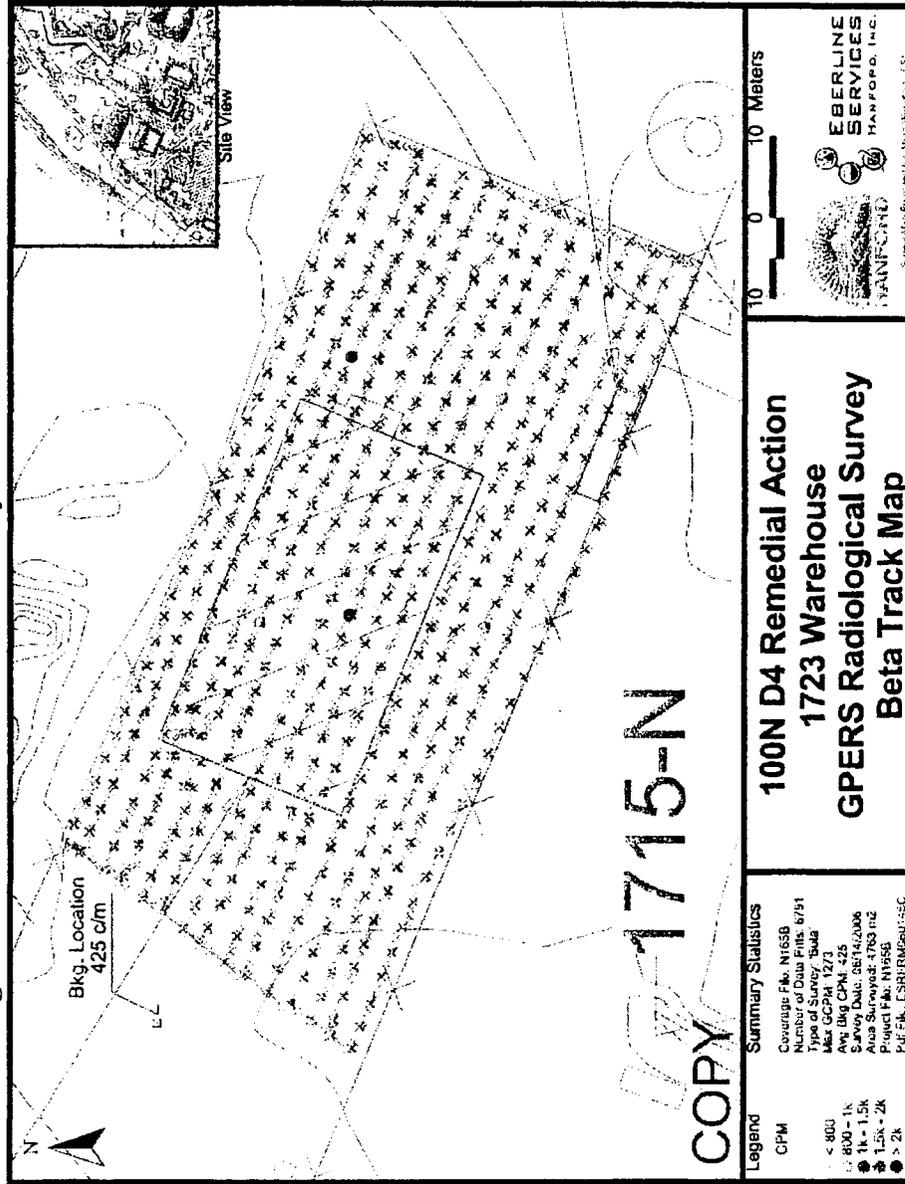
**Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
and MO-913 Change Trailer
August 2006**

**Attachment 1
Characterization Sampling Summary**

HEIS #	Sample Date	Logbook	Logbook Page	Purpose	Sample Matrix	Matrix Detail	Location	Notes	COC
J124V4	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	1723N	white paper over layered yellow fiberglass	Asbestos
J124V5	05/08/06	EL-1516-10	6	health and safety	Other Solid	wall board	1723N	white paper over layered yellow fiberglass	Asbestos
J124V6	05/08/06	EL-1516-10	6	health and safety	Other Solid	wall board	1723N	white paper over layered yellow fiberglass	Asbestos
J124V7	05/08/06	EL-1516-10	6	health and safety	Other Solid	wall board	1723N	white paper over layered yellow fiberglass	Asbestos
J124V8	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	1723N	white paper over layered yellow fiberglass	Asbestos
J124V9	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	1723N	white paper over layered yellow fiberglass	Asbestos
J124W0	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	1723N	12" X 12" white w/ irregular holes	Asbestos
J124W1	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	1723N	12" X 12" white w/ irregular holes	Asbestos
J124W2	05/08/06	EL-1516-10	6	health and safety	Other Solid	flooring	1723N	yellow mastic under carpet	Asbestos
J124T4	05/08/06	EL-1516-10	6	health and safety	Other Solid	flooring	MO-913	white w/ beige streaks	Asbestos
J124T5	05/08/06	EL-1516-10	6	health and safety	Other Solid	flooring	MO-913	vinyl sheeting beige	Asbestos
J124T6	05/08/06	EL-1516-10	6	health and safety	Other Solid	ceiling tile/acoustical panel	MO-913	white ceiling tile	Asbestos

Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
and MO-913 Change Trailer
August 2006

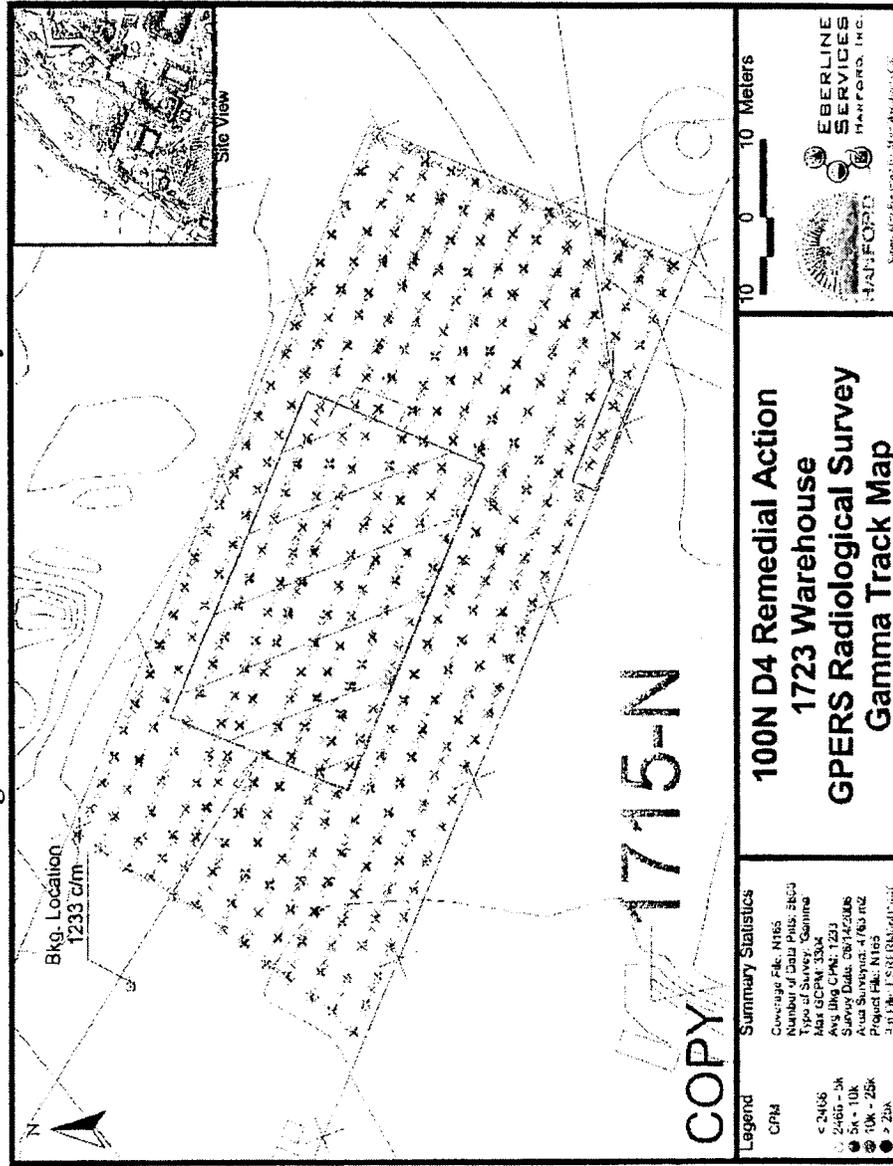
Figure 4 – Initial GPERs Beta Survey with Anomalous Points



<p>Legend</p> <p>CPM</p> <ul style="list-style-type: none"> ○ < 800 ○ 800 - 1k ○ 1k - 1.5k ○ 1.5k - 2k ● > 2k 	<p>Summary Statistics</p> <p>Coverage File: N165B Number of Data Pnts: 6791 Type of Survey: Beta M&R GCPID: 1273 Avg Bkg CPM: 425 Survey Date: 8/28/06 Surveyed by: JTB Project #: N165B P&F File: ESR165Bau-SEC</p>	<p>100N D4 Remedial Action</p> <p>1723 Warehouse</p> <p>GPERs Radiological Survey</p> <p>Beta Track Map</p>	<p>10 0 10 Meters</p> <p>EBERLINE SERVICES MANFORD, ILL. 61890</p> <p>Surveyed Pursuant to: 40 CFR 192.103</p>
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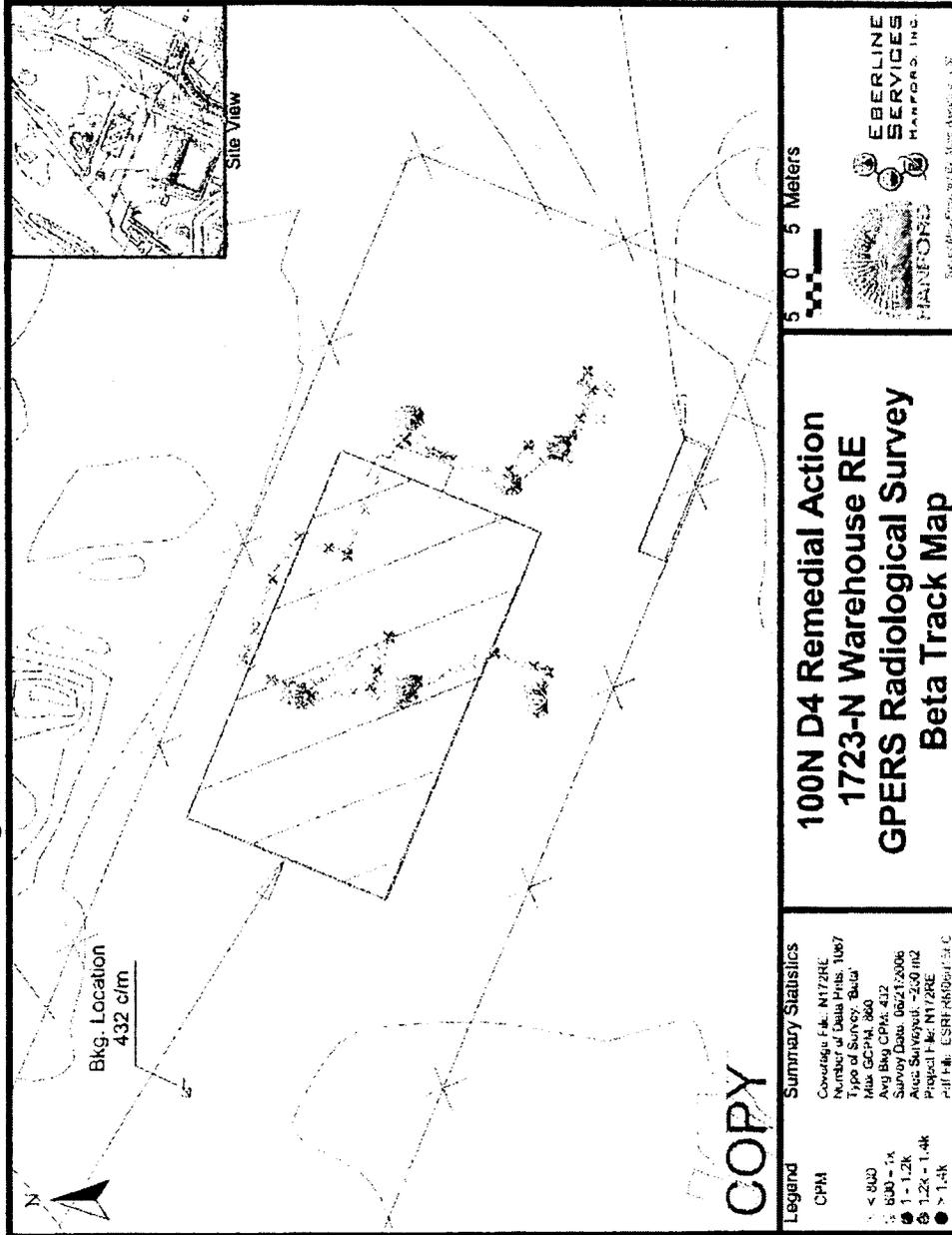
Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
 and MO-913 Change Trailer
 August 2006

Figure 5 – GPERS Gamma Survey



Post Demolition Summary Report for the 1723N Warehouse, 1723NX Laydown Yard
and MO-913 Change Trailer
August 2006

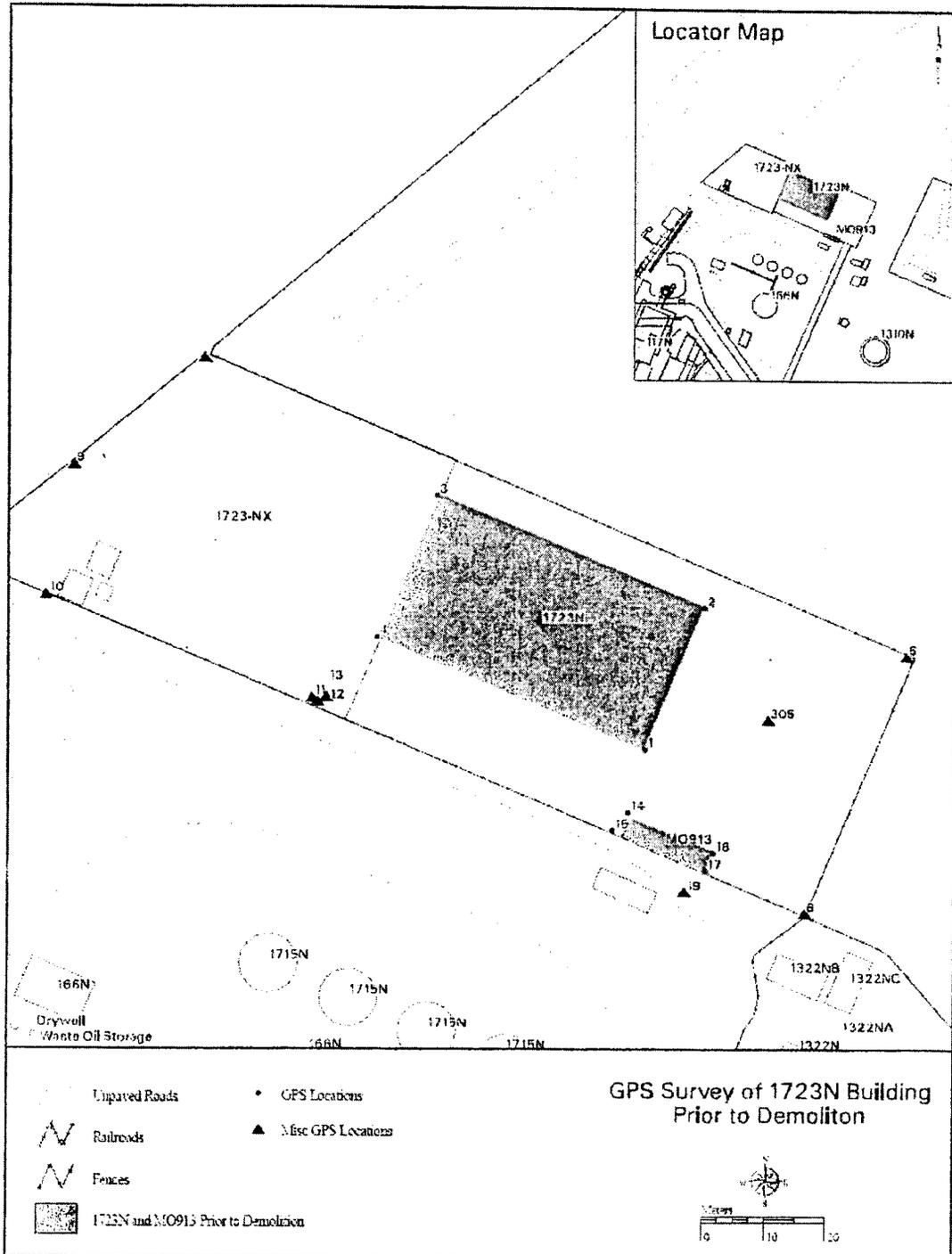
Figure 6 -- GPERS Beta Re-Survey



**Post Demolition Summary Report for the 1723N Warehouse, 1723NX
Laydown Yard and MO-913 Change Trailer
August 2006**

Attachment 2 – Civil Surveys

**Post Demolition Summary Report for the 1723N Warehouse, 1723NX
Laydown Yard and MO-913 Change Trailer
August 2006**



**Post Demolition Summary Report for the 1723N Warehouse, 1723NX
Laydown Yard and MO-913 Change Trailer
August 2006**

Survey Data Report – 1723N Pre-Demo

Project : 100N-blds2

User name	maaye	Date & Time	4:47:36 PM 7/5/2006
Coordinate System	US State Plane 1983	Zone	Washington South 4602
Project Datum	NAD 1983 (Conus)		
Vertical Datum	NAD83	Geoid Model	GEOID99 (Conus)
Coordinate Units	Meters		
Distance Units	Meters		
Height Units	Meters		

Survey Project Name/Title:	GPS Survey for 1723-N Pre - Demo
Survey Purpose:	GPS building corners and surrounding features pre -demolition
Requested By:	James Crocker
General Site Location:	100-N
Charge Code:	several
Field Surveyor:	Margo Aye
Computer Software Used:	Trimble Survey Controller, and Geomatics Office V.11
Survey Equipment Used:	5800
Control Monuments Used:	100N-4
Survey Method:	RTK
Estimated Horizontal Precision:	.020m
Estimated Vertical Precision:	.050m
Fieldwork Start Date:	3/6/06 3/9/06
Fieldwork Completion Date:	On Going
Notes:	

Name	Feature Code	Northing	Easting	Elevation	Description
1	corn-bldg	149726.366	571369.518	140.234	
2	corn-bldg	149749.170	571379.047	140.276	
2	corn-bldg	149767.035	571335.934	140.201	
4	corn-bldg	149744.253	571326.352	140.271	
5	fence-corner	149741.468	571411.758	139.957	
6	fence-corner	149699.871	571395.440	139.175	
7	fence-corner	149789.034	571298.871	140.088	
9	fence-corner	149771.830	571277.846	139.930	
10	fence-corner	149750.948	571273.523	140.165	
11	fire-hydrant	149734.644	571316.084	140.512	
12	cut-off-valve	149734.016	571317.018	140.526	
13	f-PFV-836-40-valve	149734.715	571318.368	140.470	
14	corn-bldg	149716.135	571366.770	140.251	offset 1 meter to corner
15	corn-bldg	149713.269	571364.280	140.236	Offset 1.8 meters
16	corn-bldg	149709.692	571380.600	139.835	
19	well-A4699	149703.328	571375.948	139.686	

**Post Demolition Summary Report for the 1723N Warehouse, 1723NX
Laydown Yard and MO-913 Change Trailer
August 2006**

Survey Data Report – 1723N Post-Demo

Project : 100N-blds2

User name	Maaye	Date & Time	4:45:32 PM 7/5/2006
Coordinate System	US State Plane 1983	Zone	Washington South 4602
Project Datum	NAD 1983 (Conus)		
Vertical Datum	NAD83	Geoid Model	GEOID99 (Conus)
Coordinate Units	Meters		
Distance Units	Meters		
Height Units	Meters		

Survey Project Name/Title:	GPS Survey for 1723-N Post Demo
Survey Purpose:	GPS building corners and surrounding features post-demolition
Requested By:	James Crocker
General Site Location:	100-N
Charge Code:	several
Field Surveyor:	Margo Aye
Computer Software Used:	Trimble Survey Controller, and Geomatics Office V.11
Survey Equipment Used:	5800
Control Monuments Used:	100N-4
Survey Method:	RTK
Estimated Horizontal Precision:	.020m
Estimated Vertical Precision:	.050m
Fieldwork Start Date:	3/6/06 3/9/06
Fieldwork Completion Date:	On Going
Notes:	

Name	Feature Code	Northing	Easting	Elevation	Description
307	corn-bldg-removed	149767.120	571331.874	140.080	post-demo
308	corn-bldg-removed	149747.468	571322.584	140.120	post-demo
309	piv	149735.082	571314.804	140.534	post-demo
305	well	149731.241	571389.389	139.753	post-demo
306	corn-bldg-removed	149748.729	571377.812	140.067	post-demo
310	corn-bldg-removed	149727.591	571368.761	140.152	post-demo
311	potable water	149709.674	571374.429	139.744	post-demo
312	sewer valve	149709.382	571372.518	139.763	post-demo

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