

Control #: D4-100N-0013

FACILITY STATUS CHANGE FORM

Date Submitted: Mar 10, 2009	Area: 100-N	Control #: D4-100N-0013
Originator: Bob Cathel	Facility ID: 1705-N, 1705-NA and 1706-N	
Phone: (509) 845-6146	Action Memorandum: 100-N Ancillary Facilities	

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:

Deactivation: Utility isolation was performed on 1705-N, 1705-NA and 1706-N (1705-N complex) prior to beginning facility decontamination.

Decontamination and Decommissioning: The following hazardous materials were removed prior to facility demolition: batteries, light bulbs, oils, grease, asbestos-containing material, mercury, refrigerant and polychlorinated biphenyls. Hazardous material removal and waste disposition was performed in accordance with *Removal Action Work Plan for 100-N Area Ancillary Facilities, DOE/RL-2002-70*.

Demolition: Demolition of the above-grade structures was complete in October 2006. Below-grade demolition was complete in June 2008. The building debris was disposed at the Environmental Restoration Disposal Facility. The contaminants of concern during demolition were radionuclides, metals, chemicals and asbestos. There were no anomalies encountered during the above-grade or below-grade demolition of the 1705-N complex.

Description of Deferral (as applicable):

Not applicable.

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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:

All of the 1705-N complex buildings and concrete pads were demolished and removed. A minimal amount of soil was removed along with the concrete pads. Radiological surveys were completed after building demolition and removal and no radiological contaminants were identified (see Attachment 2). Additionally, no soil staining was identified during the visual inspection of the excavated area. The site has been regraded with material from the 100-N borrow pit.

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

Although no waste sites were directly under the structures demolished, the following waste sites were in proximity to the facilities in the 1705-N complex and a status of any impacts to the waste sites is discussed below:

100-N-22 Sanitary Sewer System and Cesspool (Accepted Waste Site): The sanitary sewer system is located north-northeast of the 1714-NB building. The sanitary sewer system is believed to have serviced 105-N, 1705-N, 1705-NA

FACILITY STATUS CHANGE FORM

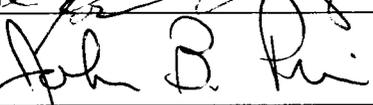
and 1706-N. There is no history of any unplanned releases associated with this site. This waste site was not impacted by D4 activities. This waste site will be addressed under the 100-NR-1/100-NR-2 OU Interim Action ROD, Appendix B - page B-iii.

100-N-70 1705-N Storm Water Injection Well (Not Accepted Waste Site): The well is located between buildings 1705-N and 1714-N in a depression. The well at grade consists of one-meter steel grate over concrete structure filled with gravel and rocks. The flow rate of the injection well was estimated at 19 liters per minute. The well was used to dispose of rainwater from the 1705-N complex. This waste site was not accepted by the Tri-Parties.

UPR-100-N-6 Chemical Decontamination Waste Drain Line Leak (Accepted Waste Site): This is an inactive mixed liquid waste site east-northeast of the 1705-N complex. Alias names for this site include 1-1/2 Inch Chemical Decontamination Waste Drain Line Leak and UN-116-N-6. An unplanned release of 6,814 liters of contaminated water leaked at four locations along a 3-foot deep 1.5-inch chemical decontamination waste drain line on September 10, 1985. An estimated 590 ft³ of contaminated soil was removed and disposed. This waste site was not impacted by D4 activities. This waste site will be addressed under the 100-NR-1/100-NR-2 OU Interim Action ROD, Appendix B - page B-viii.

Section 3: List of Attachments

1. Facility Information - Building History and Characterization
2. Post-Demolition GPERS Radiological Survey
3. Pre- and Post-Demolition GPS Surveys
4. Pre- and Post-Demolition Photographs

Mark French  _____	4/9/09 _____ Date
John Price  _____	4-14-2009 _____ Date
Lead Regulator <input type="checkbox"/> EPA <input checked="" type="checkbox"/> Ecology	

DISTRIBUTION:

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 Ecology: John Price, H0-57
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 Administrative Record, H6-08

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 D4 EPL: Robert Cathel, X5-50
 Sample Design/Cleanup Verification: Megan Proctor, H4-22
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 FR EPL: Dan Saueressig, N3-30

100-N D4 Project Facility Completion Form

Attachment 1: Facility Information (6 pages)

100-N D4 Project Facility Completion Form

Introduction

This document provides information regarding the 1705-N, 1705-NA and 1706-N facilities (1705-N complex) history, characterization and final status at the completion of deactivation, decontamination, decommissioning and demolition (D4) activities.

Site Information

The 1705-N Instrumentation and Electrical Facility was a 15- by 46-m (50 by 152-ft) pre-engineered, single-story metal building attached to the north wall of 105-N Reactor Building. The building covered 858 m² (9,240 ft²). The 1705-N facility consisted of a module shop, communication shop, instrument shop, electrical shop, and other associated office and support facilities. Office spaces were located along the central axis of the building.

The 1705-NA Maintenance Shop Annex was a 6- by 40-m (20 by 130-ft) steel-framed building with metal siding that covered 240 m² (2583 ft²). The 1705-NA facility attached to the east wall of the 1705-N Instrumentation and Electrical Facility. The 1705-NA facility was used as a motor shop.

The 1706-N Storage Building/Maintenance Shop was a 9- by 23-m (30- by 75-ft) pre-engineered, steel-framed building with metal siding that covered 207 m² (2228 ft²). The 1706-N facility attached to the north wall of the 1705-N Instrumentation and Electrical Facility. The 1706-N facility was used as an electric motor repair shop.

No fires, releases, or spills were identified for 1705-N, 1705-NA, or 1706-N facilities (1705-N complex). See Attachment 4, Figure 1 for a pre-demolition photo.

Facility description information was collated from various documents including: the *Removal Action Work Plan for 100-N Area Ancillary Facilities*, DOE/RL-2002-70 (DOE-RL 2006); "*Pre-Existing*" *Conditions Surveys of Hanford Sites Facilities by Bechtel Hanford Inc., Phase II December 30, 1994* (BHI- 00221); and, the *Historical Site Assessment for the 1705N, 1705NA, 1706N, AND 1706NA Facilities* (CCN 125286).

Radiological Scoping and Industrial Hygiene Baseline Surveys

Radiological scoping and Industrial Hygiene baseline surveys were performed on the 1705-N complex prior to demolition. See Table 1 for a summary of radiological and industrial hygiene scoping surveys.

100-N D4 Project Facility Completion Form

Table 1. Summary of Scoping Surveys 1705-N Complex

Type	Quantity	Method Detection Limits	Results
Radiological Scoping Surveys	1 Survey – 70 sample points	Alpha – 20 removable / 100 fixed (dpm/100cm ²) Beta-gamma – 1,000 removable / 5,000 fixed (dpm/100cm ²)	All results were below method detection limits.
Industrial Hygiene Scoping Surveys	2 Surveys	N/A	All results showed a normal atmosphere with no atmospheric hazards present.

Post Demolition Radiological Surveys

The clearance radiological surveys were performed on June 14, 2008 and June 25, 2008 and documented in RSR-100N-08-1065 and RSR-100N-08-1130. A post-demolition Global Positioning Environmental Radiological Survey (GPERS) was conducted on the 1705-N complex as a final survey of this site on July 8, 2008. During the survey, 10858 data points were collected and no data point was greater than 2 times the average background of 1462 counts per minute. A copy of the survey map is provided in Attachment 2.

Facility & Waste Characterization Sampling

Samples were removed from the facilities to facilitate safe demolition and proper waste disposal, in accordance with disposal facility waste acceptance criteria.

An asbestos inspection of 1705-N complex was performed on December 5, 2005 (CCN 125714). Twenty-eight asbestos samples were collected from materials inside and outside of 1705-N complex. These samples were collected in three groups. The first group of twenty-three samples was collected on December 29, 2005. One sample, Hanford Environmental Information System (HEIS) J10W65, had asbestos results greater than 1 percent. This sample was from Room 34. The second group of three samples was collected on January 4, 2006. None of these samples had positive asbestos results. The first two sample events are documented in the Asbestos Inspection Report (CCN 125714). Two additional asbestos samples HEIS J13544 and J13545 were collected during hazardous material removal. Both of these samples were positive for asbestos. The analytical results are documented in Sample Delivery Group (SDG) 061-4235-01 and the sample event is documented in Logbook EL-1516-10, page 69.

Three waste characterization samples were collected before demolition. The first sample, HEIS J10WC1, was collected from a white powder substance inside a tube canister. The analytical results are in SDG K0161. This sample event is documented in Logbook EL-1516-8, page 32. The second sample, HEIS J10WC2, consisted of unknown media found inside a drain in Room 27. The analytical results are in SDG K0161. This sample event is documented in Logbook EL-1516-8, page 32. The third sample, HEIS J10WC3 was collected from an unknown brown colored mud media discovered in Room 35. The analytical results are in SDG K0174. This sample event is documented in Logbook EL-1516-8, page 34.

100-N D4 Project Facility Completion Form

See Table 2 for a summary of asbestos samples collected and Table 3 for a summary of characterization samples collected.

Table 2. Summary of Asbestos Samples 1705-N Complex

HEIS Number	Date Sampled	Location	Results (Percent Asbestos)
J10W44	29-Dec-2005	1705-N, Room 28	None Detected
J10W45	29-Dec-2005	1705-N, Room 28	None Detected
J10W46	29-Dec-2005	1705-N, Room 28	None Detected
J10W47	29-Dec-2005	1705-N, Room 28	None Detected
J10W48	29-Dec-2005	1705-N, Room 19	None Detected
J10W49	29-Dec-2005	1705-N, Room 33	None Detected
J10W50	29-Dec-2005	1705-N, Room 13	None Detected
J10W51	29-Dec-2005	1705-N, Room 28	None Detected
J10W52	29-Dec-2005	1705-N, Room 28	None Detected
J10W53	29-Dec-2005	1705-N, Above Room 18	None Detected
J10W54	29-Dec-2005	1705-N, Above Room 20	None Detected
J10W55	29-Dec-2005	1705-N, Above Room 22	None Detected
J10W56	29-Dec-2005	1705-N, Above Room 25	None Detected
J10W57	29-Dec-2005	1705-N, Room 15	None Detected
J10W58	29-Dec-2005	1705-N, Room 5	None Detected
J10W59	29-Dec-2005	1705-N, Room 5	None Detected
J10W60	29-Dec-2005	1705-N, Room 5	None Detected
J10W61	29-Dec-2005	1705-N, Room 38	None Detected
J10W62	29-Dec-2005	1706-N, Room 1	None Detected
J10W63	29-Dec-2005	1706-N, Room 1	None Detected
J10W64	29-Dec-2005	1706-N, Room 1	None Detected
J10W65	29-Dec-2005	1705-N, exterior of Room 34	>10% - ≤20% Chrysotile
J10W66	29-Dec-2005	1705-N, exterior of Room 1 and 3	None Detected
J10WC9	4-Jan-2006	1705-N, outside of Room 17	None Detected
J10WD0	4-Jan-2006	1705-N, outside of Room 17	None Detected
J10WD1	4-Jan-2006	1705-N, outside of Room 10	None Detected
J13544	9-Aug-2006	1705-N, floor tile	None Detected
J13545	9-Aug-2006	1705-N, floor tile	None Detected

Table 3. Summary of Characterization Samples 1705-N Complex

HEIS Number	Date Sampled	Location	Analysis	Results
J10WC1	29-Dec-2005	1705-N, exterior of Room 1 and 3	Metals (TCLP Extract)	Antimony – 431 µg/L Arsenic – < 35.8 µg/L Barium – 10200 µg/L Beryllium – < 0.20 µg/L Cadmium – 70.0 µg/L Chromium – 11.7 µg/L Lead – < 28.3 µg/L Mercury – 157 µg/L Nickel – 840 µg/L Selenium – < 42.1 µg/L Silver – < 4.6 µg/L Thallium – < 49.6 µg/L Vanadium – < 3.9 µg/L
J10WC2	29-Dec-2005	1705-N, Room 27	Metals (TCLP Extract)	Antimony – < 24.8 µg/L Arsenic – < 35.8 µg/L Barium – 162 µg/L Beryllium – 6.1 µg/L Cadmium – 1470 µg/L Chromium – 35.0 µg/L Lead – 850 µg/L Mercury – 34.1 µg/L Nickel – 84.0 µg/L Selenium – < 42.1 µg/L Silver – 9.3 µg/L Thallium – < 49.6 µg/L Vanadium – < 3.9 µg/L
J10WC3	29-Dec-2005	1705-N, Room 35	Metals (TCLP Extract)	Antimony – 36.8 µg/L Arsenic – 32.3 µg/L Barium – 314 µg/L Beryllium – 0.72 µg/L Cadmium – 13.7 µg/L Chromium – 23.4 µg/L Lead – 19.1 µg/L Mercury – 0.38 µg/L Nickel – 175 µg/L Selenium – < 21.6 µg/L Silver – < 8.4 µg/L Thallium – < 38.4 µg/L Vanadium – 49.2 µg/L

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Demolition

The 1705-N complex facilities were demolished during September and October 2006 and pad removal was completed in June 2008. The demolition material was loaded into roll-off containers and sent to the Environmental Restoration Disposal Facility.

Civil Survey Information

A pre-demolition Global Positioning System (GPS) survey was performed on June 6, 2006 and a post-demolition GPS survey was performed on October 7, 2008. Both surveys are included in Attachment 3.

Anomalies

There were no anomalies encountered during the above-grade demolition or pad removal of the 1705-N complex.

Final Building Status

The RCC contractor has demolished and removed all traces of the 1705-N complex facilities and concrete pads. A minimal amount of soil was removed along with the concrete pad. Contaminants of concern a determination of no impact to the soil is provided in Table 4. Backfill material from 100-N Borrow Pit was brought in to regrade the site.

Table 4. Contaminants of Concern for Facility Demolition

Contaminant of Concern	Determination of no impact to the soil
Radionuclides	A Global Positioning Environmental Radiological Survey (GPERS) conducted on the 1705-N complex as a final survey of this site for gamma contamination found that all sampling points were less than 2 times the average background of 1462 counts per minute.
Chemicals	All hazardous chemicals were removed prior to demolition. In addition, visual examination for stained soil prior to backfill was conducted to ensure no legacy or newly discovered staining was identified.
Metals	All hazardous materials were removed prior to above-grade demolition. Prior to below-grade demolition, load-out of waste was performed.
Asbestos	All asbestos was removed prior to above-grade demolition.

100-N D4 Project Facility Completion Form

References

BHI-00221, "Pre-Existing" Conditions Surveys of Hanford Sites Facilities by Bechtel Hanford Inc., Phase II December 30, 1994, December 1994, Bechtel Hanford Inc., Richland, Washington

CCN 125286, *Historical Site Assessment for the 1705N, 1705NA, 1706N, AND 1706NA Facilities*, December 2005, Washington Closure Hanford, LLC., Richland, Washington

CCN 125714, *Asbestos Inspection Report For 1705N, 1705NA, 1706N, 1706NA 100N*, January 2006. Washington Closure Hanford, LLC., Richland, Washington

DOE-RL, 2006, *Removal Action Work Plan for 100-N Area Ancillary Facilities*, DOE/RL-2002-70, Rev. 2, U.S. Department of Energy, Richland Operations Office, Richland, Washington

EL-1516-8, *Miscellaneous Sampling*, April 2006, Washington Closure Hanford, LLC., Richland, Washington

EL-1516-10, *Miscellaneous Sampling*, October 2006, Washington Closure Hanford, LLC., Richland, Washington

EPA, 2000, *Interim Remedial Action Record of Decision for the 100-NR-1 and 100-NR-2 Operable Units*, U.S. Environmental Protection Agency, Washington, D.C.

RSR-100N-08-1065, *Radiological Survey Record*, June 2008, Washington Closure Hanford, LLC., Richland, Washington

RSR-100N-08-1130, *Radiological Survey Record*, June 2008, Washington Closure Hanford, LLC., Richland, Washington

SDG -061-4235-01, *Data Chem Final Data Package*, August 2006, Washington Closure Hanford, LLC., Richland, Washington

SDG-K0161, *Lionville Laboratory Final Data Package*, February 2006, Washington Closure Hanford, LLC., Richland, Washington

SDG K0174. *Lionville Laboratory Final Data Package*, February 2006, Washington Closure Hanford, LLC., Richland, Washington

100-N D4 Project Facility Completion Form

Attachment 2: GPERS Survey (1 page)



COPY

Legend

- NETCPM
- × < 2924
 - 2924 - 5000
 - 5000 - 10000
 - 10000 - 25000
 - > 25000

Summary Statistics

Coverage File: N190,A
 Number of Data Pnts: 10858
 Type of Survey: 'Gamma'
 Max GCPM: 2346
 Avg Bkg CPM: 1462
 Survey Date: 07/08/2008
 Area Surveyed: 5052 m2
 Project File: N190
 Pdf File: ESRFRM080109C

**100N D4 Project
 1705N Slab Village
 GPERs Radiological Survey
 Gamma Track Map**

10 0 10 Meters



Survey Map Prepared By Mike Dillon, ESI

100-N D4 Project Facility Completion Form

Attachment 3: GPS Surveys (6 pages)

Survey Data Report for 1705N & 1706N Buildings

Project : 100N-bldgs-8-06

User name	maaye	Date & Time	8:44:49 AM 10/18/2006
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		

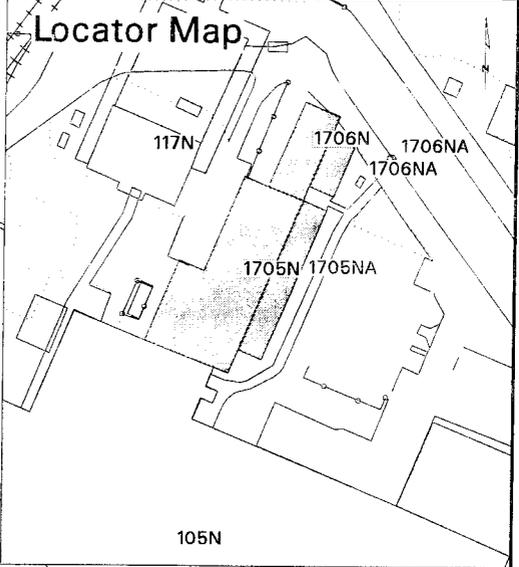
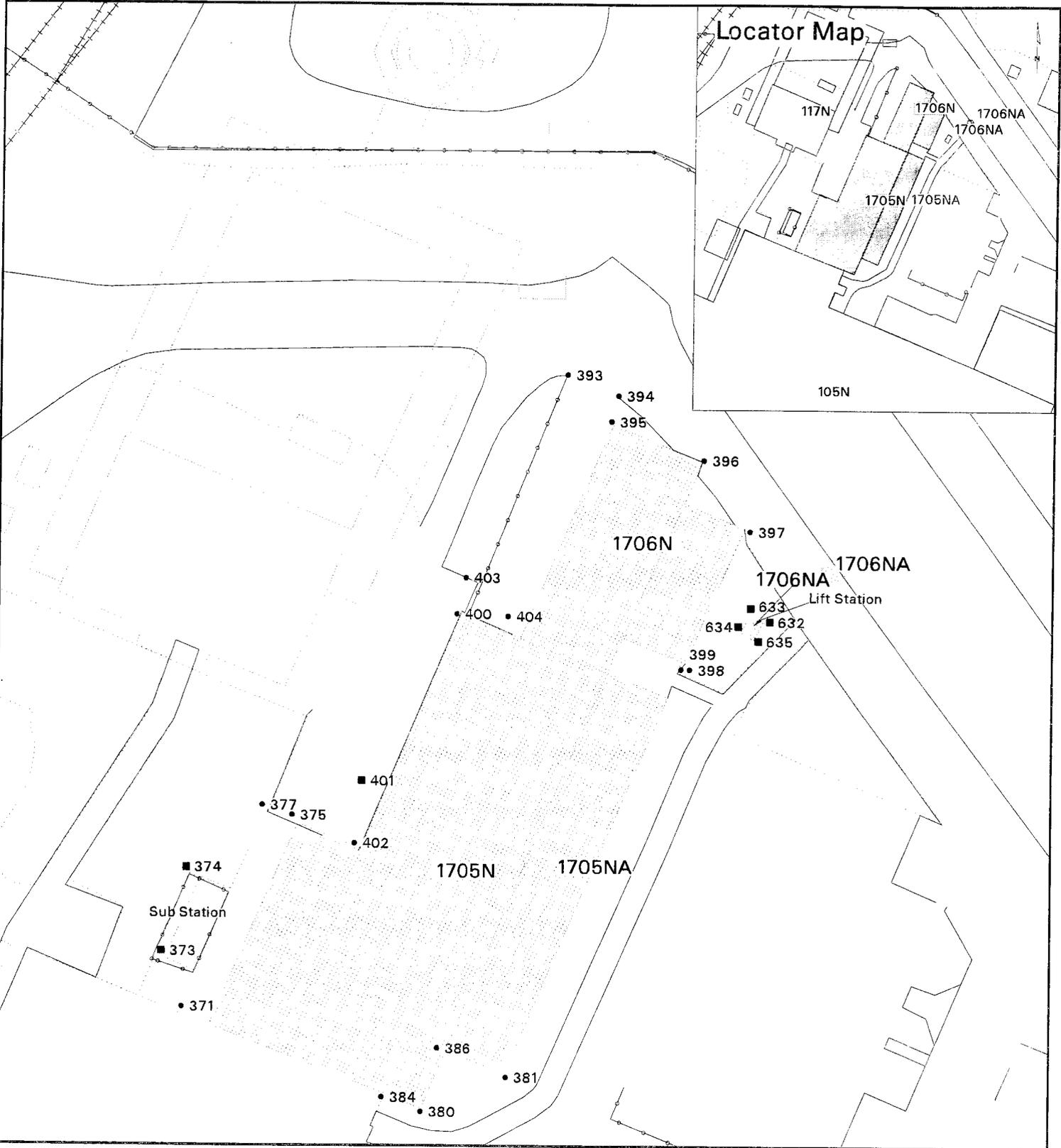
Survey Project Name/Title: 1705N-1706N
 Survey Purpose: GPS Building corners and surrounding features for the 1705N and 1706N Buildings (including 1706N Lift Station)
 Requested By: Amy Hood
 General Site Location: 100-N
 Charge Code:
 Field Surveyor: Margo Aye
 Computer Software Used: Trimble Survey Controller, and Geomatics Office V.11
 Survey Equipment Used: 5800
 Control Monuments Used:
 Survey Method: RTK
 Estimated Horizontal Precision: .002m
 Estimated Vertical Precision: .005m
 Fieldwork Start Date: 6/6/06
 Fieldwork Completion Date: 6/6/06
 Notes:

Name	Feature Code	Northing	Easting	Elevation	Description
397	corn-fenced-covered-area	149617.206m	571261.290	139.938	
632	valve	149608.386m	571263.328	139.805	
633	valve	149609.686m	571261.433	139.703	
634	valve	149607.911m	571260.258	139.741	
635	valve	149606.507m	571262.175	139.801	
393	ramp-corner	149632.439m	571243.669	139.548	
396	corn-bldg	149624.117m	571256.783	139.614	
394	ramp-corner	149630.387m	571248.540	139.567	
395	corn-bldg	149627.874m	571247.962	139.690	
398	corn-fenced-covered-area	149603.651m	571255.650	139.646	

399	corn-fenced-covered-area	149603.665m	571254.788	139.702
403	corn-conc-stairs	149612.557m	571233.997	139.701
404	corn-bldg	149608.799m	571238.139	139.730
400	corn-bldg	149609.020m	571233.135	139.620
401	pipe-valve-fire	149592.649m	571223.969	139.703
402	corn-bldg	149586.526m	571223.322	139.908
375	corn-bldg	149589.261m	571217.246	139.772
377	overhang	149590.237m	571214.386	139.740
374	sub-ststn	149584.106m	571207.124	139.662
373	sub-ststn	149575.924m	571204.723	139.661
371	corn-bldg	149570.485m	571206.765	139.817
386	corn-bldg	149566.526m	571231.493	139.685
381	corn-bldg	149563.706m	571238.220	139.667
380	corn-bldg	149560.321m	571229.937	139.647
384	corn-bldg	149561.757m	571226.143	139.788

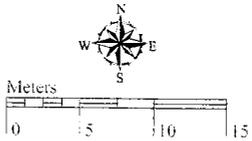
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**Pre- Demolition Survey
of The 1705N-NA,
1706N-NA Buildings**

-  Paved Roads and Sidewalks
-  Unpaved Roads and Trails
-  Railroad
-  Fences
-  Location of the 1705N-NA and 1706N-NA Buildings Prior to Demolition
-  GPS Locations for Building Corners, Prior to Demolition
-  GPS Locations for Surrounding Features



GPS Post Demo Survey Report for 1714N, 1705N, 1706, & 105NB Foundations

Project : 1705N-Slab

User name	maaye	Date & Time	3:39:31 PM 10/7/2008
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: 1705N, 1705NA, 1706N, 1712N ,1714NA, 1714NB, 105NB Slabs

Survey Purpose: Post demo surface survey

Requested By: Amy Hood

General Site Location: 100N

Charge Code:

Field Surveyor: Margo Aye

Computer Software Used: Trimble Survey Controller, and Geomatics Office V.11

Survey Equipment Used: 5800

Control Monuments Used:

Survey Method: RTK

Estimated Horizontal Precision: .020m

Estimated Vertical Precision: .050m

Fieldwork Start Date: 6/9/08

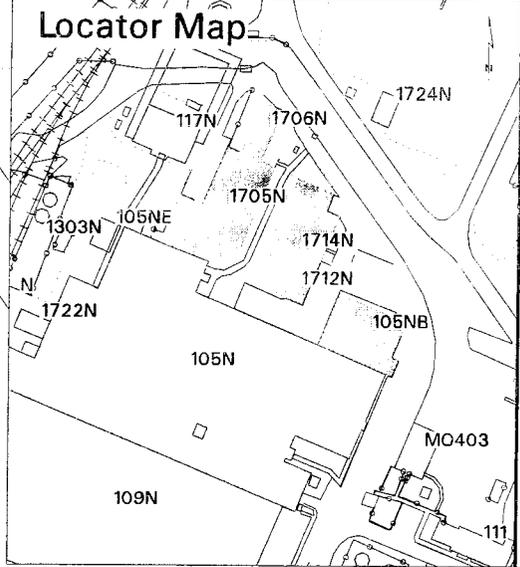
Fieldwork Completion Date: 6/9/08

Notes: Points 24 and 22 are to the edge of one manhole (not two).

Name	Northing	Easting	Elevation	Feature Code	Description
1	149519.249m	571301.148m	139.634m	post-grade	
2	149520.620m	571305.752m	139.534m	post-grade	
3	149524.132m	571289.875m	139.509m	excav-bndry-top	
4	149526.422m	571308.093m	139.409m	post-grade	
5	149527.504m	571306.343m	139.469m	post-grade	
6	149531.202m	571273.283m	139.484m	excav-bndry-top	
7	149537.083m	571257.616m	139.455m	excav-bndry-top	
8	149537.173m	571310.378m	139.257m	post-grade	
9	149538.166m	571307.970m	139.333m	post-grade	
10	149541.427m	571302.745m	139.196m	post-grade	
11	149541.470m	571305.072m	139.247m	post-grade	
12	149541.655m	571255.387m	139.599m	excav-bndry-top	
13	149544.535m	571299.675m	139.139m	post-grade	
14	149547.586m	571256.810m	139.467m	excav-bndry-top	
15	149548.889m	571256.857m	139.506m	excav-bndry-top	
16	149550.481m	571254.560m	139.498m	excav-bndry-top	
17	149553.164m	571299.797m	139.193m	post-grade	
18	149553.591m	571255.921m	139.396m	excav-bndry-top	
19	149556.306m	571258.303m	139.525m	excav-bndry-top	
20	149559.707m	571302.209m	139.253m	post-grade	
21	149560.043m	571257.753m	139.383m	excav-bndry-top	
22	149561.497m	571280.594m	139.186m	manhole-edge	
23	149562.036m	571228.077m	139.526m	excav-bndry-top	
24	149562.093m	571279.698m	139.195m	manhole-edge	
25	149562.949m	571226.692m	139.601m	pipe-end	
26	149563.009m	571226.582m	139.493m	post-grade	
27	149564.090m	571241.514m	139.578m	excav-bndry-top	
28	149564.142m	571247.298m	139.531m	excav-bndry-top	
29	149564.755m	571305.170m	139.344m	post-grade	
30	149567.023m	571215.168m	139.537m	access-hole	
31	149570.288m	571207.596m	139.751m	post-grade	
32	149570.962m	571207.444m	139.609m	post-grade	

33	149577.019m	571250.249m	139.456m	edge-hole
34	149579.522m	571253.316m	139.513m	edge-hole
35	149579.589m	571293.064m	139.359m	post-grade
36	149579.701m	571245.611m	139.312m	edge-hole
37	149581.669m	571249.791m	138.533m	valve
38	149581.739m	571248.512m	138.481m	valve
39	149583.050m	571242.645m	139.413m	edge-hole
40	149583.185m	571253.494m	139.412m	edge-hole
41	149585.416m	571244.516m	139.438m	edge-hole
42	149585.599m	571249.283m	139.418m	edge-hole
43	149585.786m	571210.970m	139.558m	post-grade
44	149590.066m	571224.891m	138.529m	access-hole
45	149592.662m	571223.582m	138.311m	post-grade
46	149592.684m	571221.982m	139.281m	post-grade
47	149592.755m	571224.209m	138.451m	access-hole
48	149593.332m	571227.056m	138.633m	post-grade
49	149593.513m	571284.517m	139.425m	post-grade
50	149594.018m	571227.620m	139.321m	post-grade
51	149594.585m	571223.952m	138.514m	post-grade
52	149594.907m	571214.342m	139.676m	post-grade
53	149594.989m	571216.949m	139.470m	post-grade
54	149602.348m	571273.888m	139.560m	post-grade
55	149603.066m	571276.406m	139.548m	post-grade
56	149604.498m	571267.998m	139.708m	post-grade
57	149605.680m	571261.920m	139.666m	post-grade
58	149606.552m	571232.896m	139.497m	post-grade
59	149607.460m	571258.027m	139.377m	post-grade
60	149610.423m	571258.260m	139.377m	post-grade
61	149611.940m	571235.610m	138.680m	post-grade
62	149614.844m	571233.891m	139.638m	post-grade
63	149615.442m	571260.611m	139.443m	post-grade
64	149618.958m	571234.200m	139.578m	post-grade
65	149620.208m	571257.703m	139.443m	post-grade
66	149628.602m	571251.229m	139.444m	post-grade
67	149629.582m	571248.042m	139.018m	post-grade
68	149629.730m	571238.457m	139.478m	post-grade
69	149630.530m	571249.042m	139.397m	post-grade
70	149632.504m	571243.080m	139.101m	post-grade

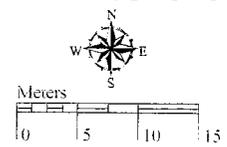
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- Paved Roads and Sidewalks
- - - Unpaved Roads and Trails
- ==== Railroad
- Minor Contour Lines, .10 Meters
- Major Contour Lines, .5 Meter Interval
- Incline Contour Direction Lines

- Foundation Locations Prior to Demolition
- GPS Post Demolition Locations
- GPS Locations for Additional Features (See attached survey report for details)

**Post Demolition Survey of
1712N, 1714N, 1714NA, 1714NB,
1705N, 1705NA, 1706N,
& 105NB Foundations**



100-N D4 Project Facility Completion Form

Attachment 4: Photographs (2 pages)

100-N D4 Project Facility Completion Form

Figure 1. Pre-Demolition Photo of 1705-N, 1705-NA & 1706-N



Figure 2. Debris removed and slabs still present



100-N D4 Project Facility Completion Form

Figure 3. 1705-N building complex at end of cleanup

