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MAR 18 2005

U.S. Department of Energy
 Richland Operations Office
 L. Erickson
 Assistant Manager for the River Corridor
 P.O. Box 550, MSIN A3-04
 Richland, Washington 99352

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 FEB 06 2008
 EDMC

Subject: Contract No. DE-AC06-93RL12367
**NOTIFICATION OF PLANNED FISCAL YEAR 2005 BHI ACTIVITIES
 WITHIN THE HANFORD REACH STUDY AREA**

Dear Mr. Erickson:

Section 2(A)(3) of the *Hanford Reach Study Act* (Public Law 100-605, see Attachment 1) requires federal agencies to consult and coordinate with the Department of Interior regarding any activities occurring within ¼ mile of the Columbia River shoreline of the Hanford Reach. In the recent past, the *Comprehensive Environmental Response, Compensation, and Liability Act* (CERCLA) process, communications through the Natural Resources Trustee Council, and similar interactions have been relied upon to satisfy the consultation/coordination provision. By means of this letter, Bechtel Hanford, Inc. (BHI) is providing information that may be useful to the U.S. Department of Energy, Richland Operations Office (RL) in implementing this requirement in a more formal manner for BHI cleanup work planned in the Richland Environmental Restoration Project Detailed Work Plan for FY 2005.

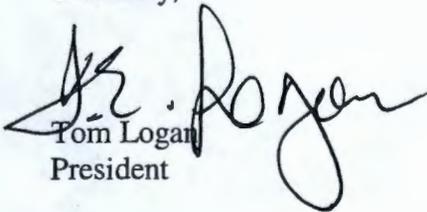
Attachment 2 presents a list of CERCLA decision documents selecting cleanup actions within ¼ mile of the Hanford Reach portion of the Columbia River. Attachment 3 lists specific waste sites or reactor areas within the ¼ mile area where ongoing or new cleanup work is planned by BHI during FY 2005. The attached maps (Attachments 4 through 10) show the location of these waste sites and reactor areas.

BHI also develops mitigation plans for cleanup projects occurring along the Columbia River shoreline to prevent adverse impacts to threatened or endangered species such as spring Chinook salmon, steelhead trout, and their habitats. These mitigation plans are developed in coordination with Washington Department of Fish and Wildlife to fulfill the substantive requirements of the state Hydraulic Project Approvals (HPAs) (WAC 220-110-030) and the National Marine Fisheries Service (NOAA Fisheries) to satisfy the consultation requirements of the *Endangered Species Act*

(ESA). BHI also consults with the U.S. Fish and Wildlife Service (an agency of the Department of Interior) in developing these mitigation plans and includes them on the distribution of final mitigation plans. Although done principally to comply with requirements of the HPAs and the ESA, these efforts complement the consultation provisions established in the *Hanford Reach Study Act*.

If you have any questions on this matter, please feel free to contact Mr. Roger Landon of my staff on 372-9209.

Sincerely,



Tom Logan
President

BLV:ple

- Attachments:
- 1) *The Hanford Reach Study Act*, Public Law 100-605
 - 2) CERCLA Decision Documents Selecting Cleanup Work Within the Hanford Reach Study Area
 - 3) Fiscal Year 2005 Planned BHI Remediation Work and Removal Actions within the Hanford Reach Study Area
 - 4) Map 1 – 100-B/C Area Waste Sites Scheduled for Excavation/Removal/Backfill
 - 5) Map 2 – 100-K Area Waste Sites Scheduled for Excavation/Removal/Backfill
 - 6) Map 3 – 100-N Area Waste Sites Scheduled for Excavation/Removal/Backfill
 - 7) Map 4 – 100-F Area Waste Sites Scheduled for Excavation/Removal/Backfill
 - 8) Map 5 – 100-H Area
 - 9) Map 6 – 100-IU-2/IU-6 Operable Units Waste Sites Scheduled for Excavation/Removal/Backfill
 - 10) Map 7 – 300 Area Waste Sites Scheduled for Excavation/Removal/Backfill

cc: K. D. Bazzell A3-04, w/a
B. L. Charboneau A6-33, w/a
K. V. Clarke A7-75, w/a
P. F. Dunigan A5-15, w/a
T. W. Ferns A5-15, w/a
D. C. Ward A2-17, w/a
S. H. Wisness A3-04
J. H. Zeisloft A3-04, w/a

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DOE-RL/RLCC

Attachment 1

PUBLIC LAW 100-605
THE HANFORD REACH STUDY ACT

100TH CONGRESS

H.R. 3614
4 NOVEMBER 1988

IN THE HOUSE OF REPRESENTATIVES

AN ACT

To authorize a study of the Hanford Reach of the
Columbia River, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of
America in Congress assembled,

SECTION 1. COMPREHENSIVE RIVER CONSERVATION STUDY.

The Secretary of the Interior ("Secretary"), in consultation with the Secretary of Energy, shall prepare a comprehensive river conservation study for that segment of the Columbia River extending from one mile below Priest Rapids Dam downstream approximately fifty-one miles to the McNary Pool north of Richland, Washington, as generally depicted on the map entitled "Proposed Columbia River Wild and Scenic River Boundary" dated 17 May 1988, hereinafter referred to as the "study area" which is on file with the United States Department of the Interior. The study shall identify and evaluate the outstanding features of the study area and its immediate environment, including fish and wildlife, geologic, scenic, recreational, natural, historical, and cultural values, and examine alternatives for their preservation. In examining alternatives means for the preservation of such values, the Secretary shall, among other things, consider the potential addition of all or a portion of the study area to the National Wild and Scenic Rivers System, and recommend a preferred alternative for the protection and preservation of the values identified. The Secretary shall cooperate and consult with the State and political subdivisions thereof, local, and tribal governments, and other interested entities in the preparation of such a study and provide for public comment. The study shall be completed and presented to Congress within three years after the date of enactment of this Act.

SECTION 2. INTERIM PROTECTION.

(A) For a period of eight years after the enactment of this Act, within the study area identified in section 1 of this Act:

- (1) No federal agency may construct any dam, channel, or navigation project.
- (2) All other new Federal and non-Federal projects and activities shall, to the

greatest extent practicable:

(A) be planned, designed, located and constructed to minimize direct adverse effects on the values for which the river is under study; and

(B) utilize existing structures and facilities including, but not limited to, pipes, pipelines, transmission towers, water conduits, pumphouses, and reservoirs to accomplish the purposes of the project or activity.

(3) Federal and non-Federal entities planning new projects or activities in the study area shall consult and coordinate with the Secretary to minimize and provide mitigation for any direct and adverse effects on the values for which the river is under study.

(4) Upon receiving notice from the entity planning the new project or activity, the Secretary shall, no later than ninety days after receiving such notice and consulting with the entity:

(A) review the proposed project or activity and make a determination as to whether there will be a direct and adverse effect on the values for which the river segment is under study; and

(B) review proposals to mitigate such effects and make such recommendations for mitigation as he deems necessary.

(5) If the Secretary determines that there will be a direct and adverse effect that has not been adequately mitigated, he shall notify the sponsoring entity and the Committee on Interior and Insular Affairs of the United States House of Representatives and the Committee on Energy and Natural Resources of the United States Senate of his determination and any proposed recommendations.

(B) During the eight year interim protection period, provided by this section, all existing projects that affect the study area shall be operated and maintained to minimize any direct and adverse effects on the values for which the river is under study, taking into account any existing and relevant license, permit, or agreement affecting the project.

SECTION 3. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated not more than \$150,000 for the purpose of conducting the study pursuant to section 1 of this Act.

APPROVED 8 NOVEMBER 1988

PUBLIC LAW 104-333 (SECTION 404) (AMENDMENT TO PUBLIC LAW 100-605)

SECTION 404. HANFORD REACH PRESERVATION.

Section 2 of Public law 100-605 is amended as follows:

(1) By striking "INTERIM" in the section heading.

(2) By striking "For a period of eight years after" and inserting "After" in subsection (a).

(3) by striking in subsection (b) "During the eight year interim protection period provided by this section, all" and inserting "All".

LEGISLATIVE HISTORY

HOUSE REPORTS: number 100-960 (Committee on Interior and Insular Affairs)

CONGRESSIONAL RECORD: Volume 134 (1988);
26 SEP, considered and passed House.
12 OCT, considered and passed Senate, amended.
19 OCT, House concurred in Senate amendment.

Attachment 2

**CERCLA Decision Documents Selecting Cleanup Work
Within the Hanford Reach Study Area**

Records of Decision	
ROD	Date
100-BC-1, 100-DR-1, and 100-HR-1 Operable Units (OUs) Soil Remediation	September 1995
Amended ROD for 100-BC-1, 100-DR-1, and 100-HR-1 OUs Soil Remediation	May 1997
100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-HR-2, 100-FR-2, and 100-KR-2 OUs Burial Grounds Remediation	September 2000
100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-1, 100-IU-6, and 200-CW-3 OUs Remaining Sites Remediation	July 1999
100-NR-1 and 100-NR-2 OUs Soil and Groundwater Remediation	October 1999
100-NR-1 OU Treatment, Storage, and Disposal Units Remediation	January 2000
100-HR-3 and 100-KR-4 OU Groundwater Remediation	April 1996
Amended ROD for the 100-HR-3 OU Groundwater Remediation	September 1999
Action Memoranda	
AM	Date
100-BC-1 Demonstration Project Expedited Response Action	June 1995
100 B/C Area Ancillary Facilities and the 108-F Building Removal Action	January 1997
105-F and 105-DR Reactor Buildings and Ancillary Facilities	July 1998
105-D and 105-H Reactor Facilities and Ancillary Facilities	January 2001
105-B Reactor Facility	December 2001
183-H Solar Evaporation Basin Waste Expedited Response Action	November 1996
North Slope Expedited Response Action	March 1994
N Springs Expedited Response Action	September 1994
N Area Waste Expedited Response Action	November 1996
100-N Ancillary Facilities	January 1999

Attachment 3

Fiscal Year 2005 Planned BHI Remediation Work And Removal Actions within the Hanford Reach Study Area

100-B/C Area (Waste Sites Scheduled for Excavation/Removal/Backfill)

100-B-14: 100-B Area Process and Sanitary Sewer Underground Pipelines
100-C-9: 100-C Area Process and Sanitary Sewer Underground Pipelines
1607-B7 Sanitary Sewer System
1607-B8: Septic Tank and Disposal Field for 190-C Pumphouse
1607-B9 Sanitary Sewer System
1607-B10 Septic Tank and Sewage Disposal Field
100-C-7: 183-C Filter Building/Pumproom Facility Foundation and Demolition Waste
126-B-3: 184-B Coal Pit
128-B-3: Dump Site; Coal Ash and Demolition Waste Site

100-K Area (Waste Sites Scheduled for Excavation/Removal/Backfill)

116-KW-3: 107-KW Retention Basin
116-KE-4: 107-KE Retention Basins
Effluent Pipelines from 116-KW-3 and 116-KE-4
116-K-1: 100-K Crib
116-K-2: 100-K Mile Long Trench
118-K-1: 100-K Burial Ground
In addition, demolition of various ancillary facilities and construction of interim safe storage structures over reactors will occur or begin in 100-K Area during FY2005

100-N Area (Waste Sites Scheduled for Excavation/Removal/Backfill)

116-N-1: 1301-N Crib and Trench
UPR-100-N-31: Radioactive Effluent Water Spill Near 1301-N Crib
In addition, demolition of various 100-N ancillary facilities and construction of interim safe storage structures over reactor components will occur or begin during FY2005

100-F Area (Waste Sites Scheduled for Excavation/Removal/Backfill)

1607-F5: Sanitary Sewer System
182-F: Reservoir
126-F-2: 183-F Clearwells
132-F-1: 141-F Sheep Barn
141-C: Animal Barn
116-F-8: 1904-F Outfall Structure
116-F-16: PNL Outfall
128-F-2: 100-F Burning Pit
100-F-33: 146-F Aquatic Biology Fish Ponds
1607-F7: 141-M Building Septic Tank
100-F-31: 144-F Sanitary Sewer System
118-F-5: PNL Sawdust Pit
Sections of the 100-F-26 Pipelines

100-H Area

Demolition of various 100-H ancillary facilities and construction of interim safe storage structures over reactor components

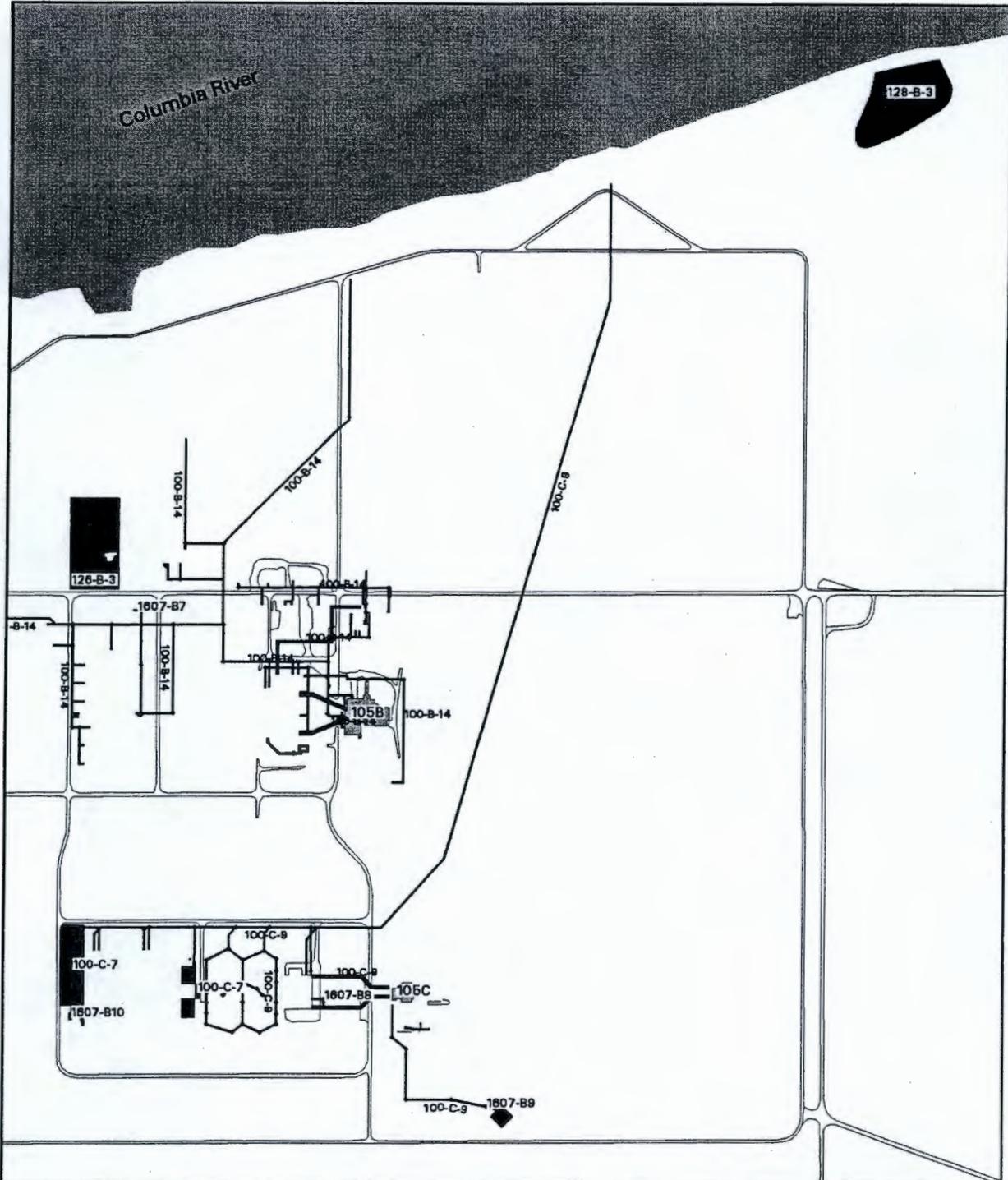
100-IU-2/IU-6 Operable Units (Waste Sites Scheduled for Excavation/Removal/Backfill)

600-202: Hanford Townsite Four Burn and Burial Pits

300 Area (Waste Sites Scheduled for Excavation/Removal/Backfill)

Dumping Area North of 300 Area Industrial Complex

Attachment 4
Map 1 – 100-B/C Area Waste Sites Scheduled for Excavation/Removal/Backfill

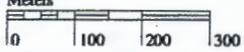


-  B/C Paved Roads
-  Waste Sites (Pipe Lines) Scheduled for Excavation/Removal/Backfill
-  Waste Sites Scheduled for Excavation/Removal/Backfill
-  Buildings and Facilities

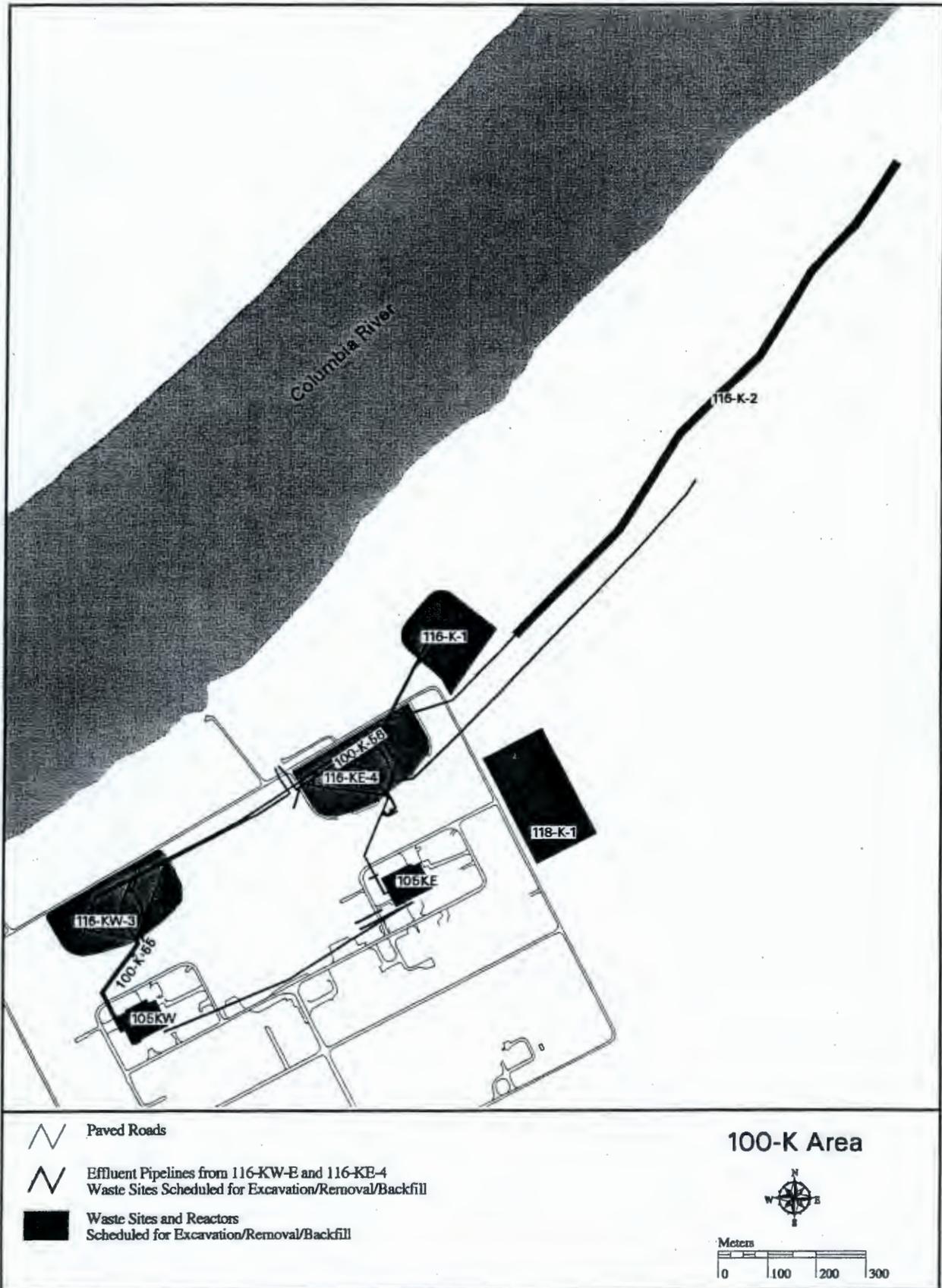
100-BC Area



Meters



Attachment 5
Map 2 - 100-K Area Waste Sites Scheduled for Excavation/Removal/Backfill



Attachment 6
Map 3 – 100-N Area Waste Sites Scheduled for Excavation/Removal/Backfill



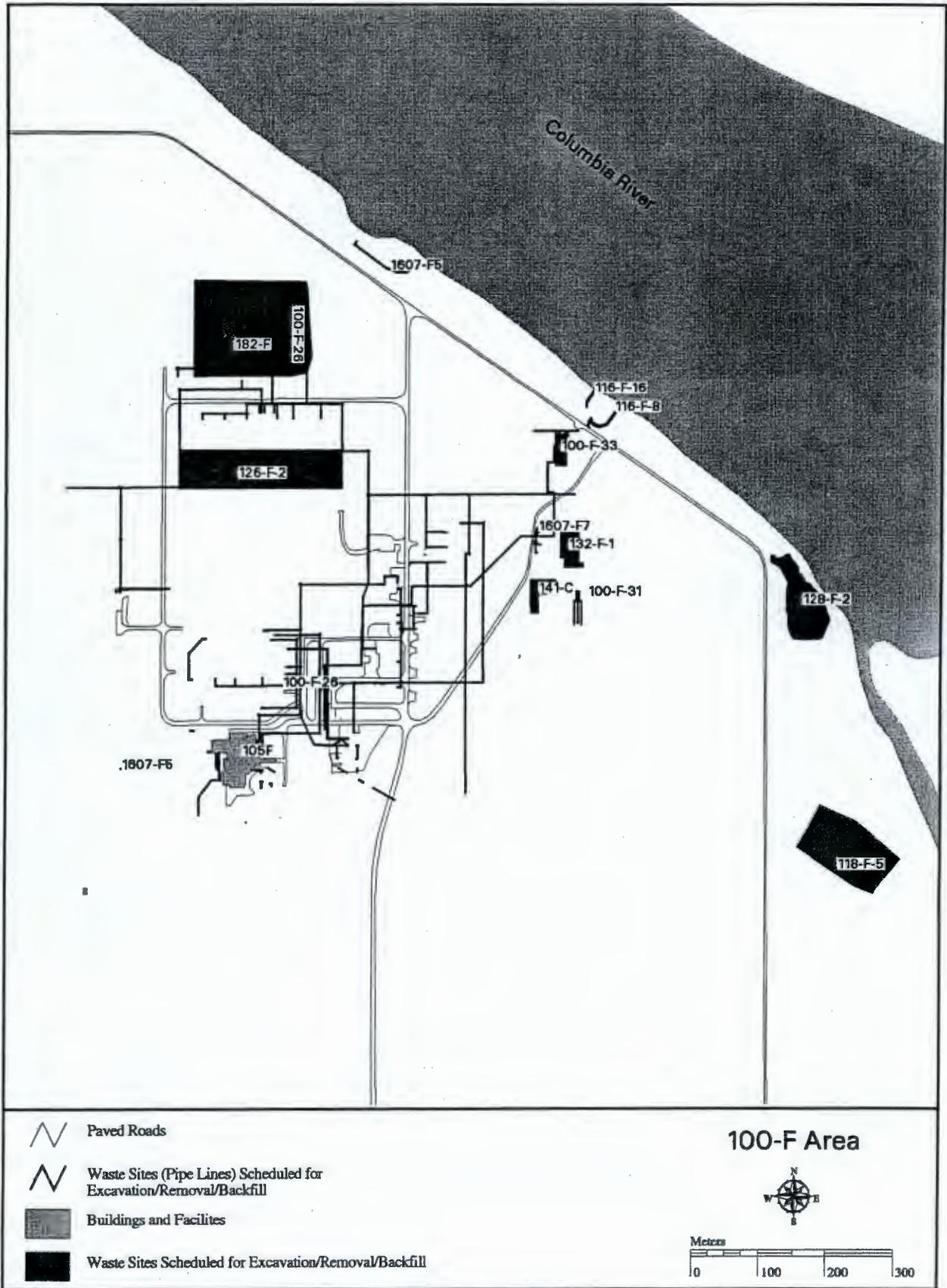
 Paved Roads
 Waste Sites and Ancillary Facilities Scheduled for Excavation/Removal/Backfill

100-N Area

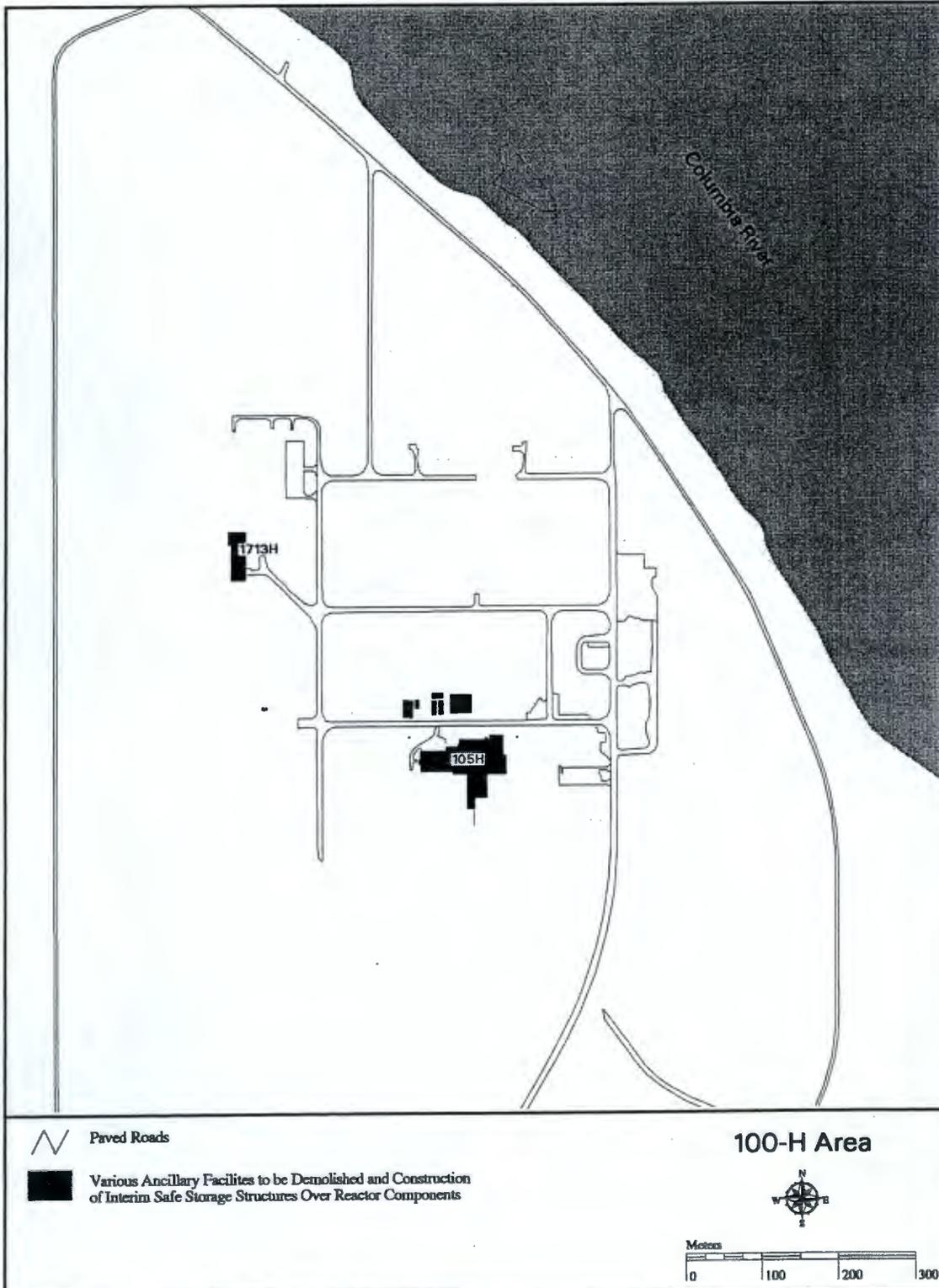


Attachment 7

Map 4 – 100-F Area Waste Sites Scheduled for Excavation/Removal/Backfill

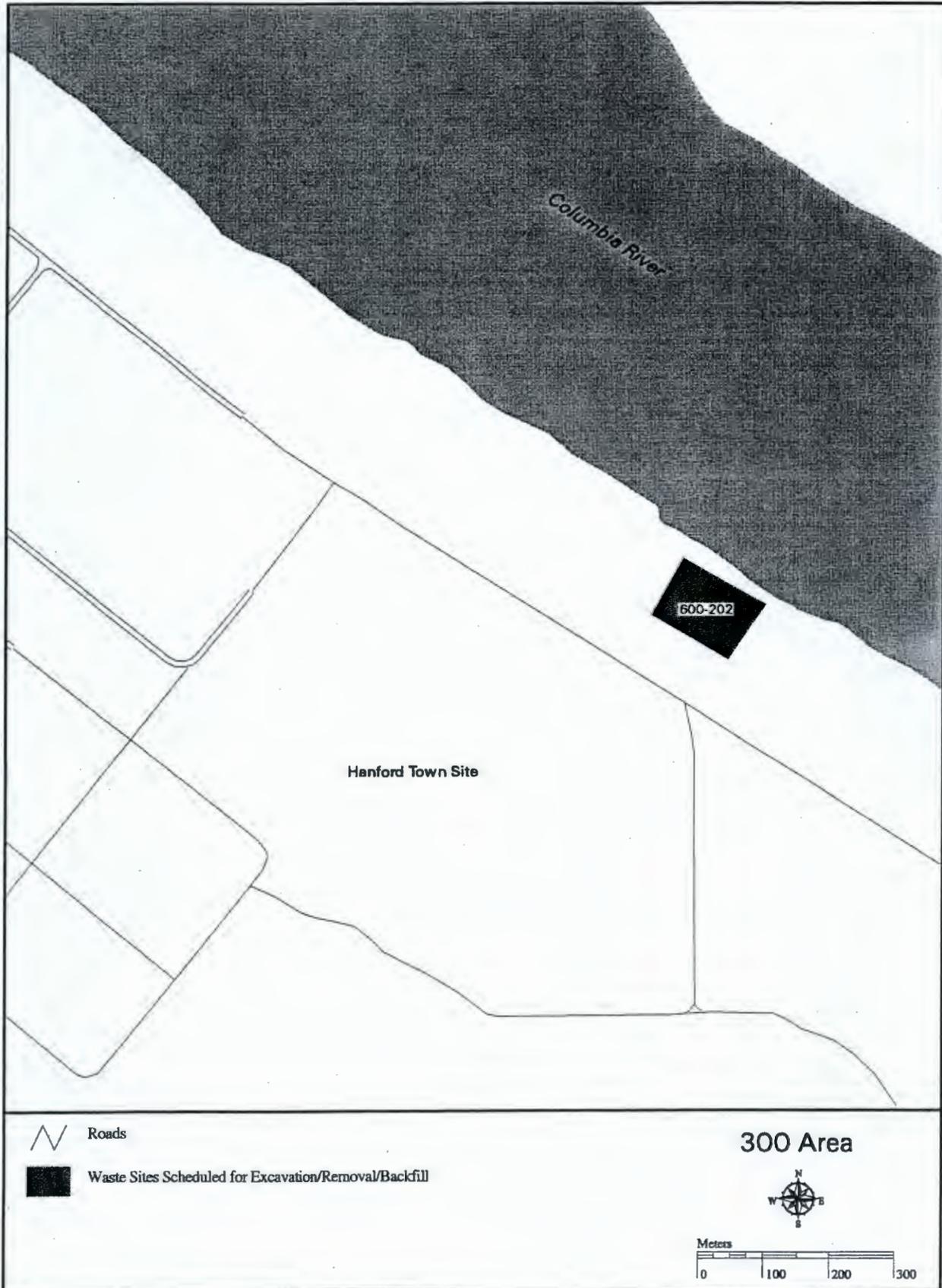


Attachment 8
Map 5 – 100-H Area



Attachment 9

Map 6 - 100-IU-2/IU-6 Operable Units Waste Sites Scheduled for Excavation/Removal/Backfill



Attachment 10
Map 7 - 300 Area Waste Sites Scheduled for Excavation/Removal/Backfill

