

0055362

Central Files \_\_\_\_\_  
Name: \_\_\_\_\_  
Reference: \_\_\_\_\_

RECEIVED  
JUL 12 2001  
BECHTEL  
Department of Ecology  
NWP-Kennewick

RECEIVED  
JUL 09 2001  
Department of Ecology

Mr. Michael A. Wilson, Program Manager  
Nuclear Waste Program  
State of Washington Department of Ecology  
P. O. Box 47600  
Olympia, Washington 98505

CCN: 021147

JUL 02 2001

Dear Mr. Wilson

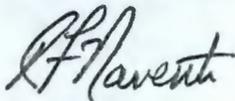
**CONTRACT NO. DE-AC27-01RV14136 – WASTE TREATMENT PLANT PROJECT  
APPLICATION FOR COVERAGE – SAND AND GRAVEL GENERAL PERMITS FOR  
CONCRETE BATCH PLANT AND AGGREGATE ACTIVITIES**

Attached are copies of two sand and gravel general permit applications for the River Protection Project – Waste Treatment Plant (RPP-WTP). The applications are being submitted to the State of Washington Department of Ecology pursuant to Washington Administrative Code 173-226, 200, and 201A.

The first application is intended to address aggregate washing activities that will be conducted in the vicinity of Pit 30 on the Hanford Site (Attachment 1). The second application addresses the concrete batch plant discharges (Attachment 2). The operation of the aggregate quarry and batch plant will provide concrete for construction of the RPP-WTP. Our staff has been coordinating these applications with Ms. Kathy Conway of your Kennewick office.

If you should have any questions or comments, please contact Mr. Ellery Savage at (509) 371-4862.

Very truly yours,



R. F. Naventi  
Project Manager

MP/es

RECEIVED  
AUG 23 2001

EDMC

- Attachments: 1) Pit 30 Aggregate Wash Discharge Application  
2) WTP Batch Plant Discharge Application

cc

Barrett, MK w/a	DOE/ORP	H6-60
Beranek, F w/a	RPP-WTP	P135
Bowser, DW w/a	DOE/ORP	H6-60
Conway, K. w/a	ECOLOGY	B5-18
Erlandson, BG w/a	RPP-WTP	N120
McKenney, J w/a	RPP-WTP	ETC-2/241
Naventi, RF w/o	RPP-WTP	A110
PDC w/a	RPP-WTP	K110
Proctor, M. w/a	RPP-WTP	M108
Rasmussen, JE w/a	DOE/ORP	H6-60
Savage, ED w/a	RPP-WTP	N118
Skurla, SJ w/a	ECOLOGY	B5-18

Attachment 1 to CCN 021147

PIT 30 AGGREGATE WASH DISCHARGE APPLICATION

# APPLICATION FOR COVERAGE SAND AND GRAVEL GENERAL PERMIT

**For the Discharge of Process Water, Stormwater or  
Mine Dewatering Water Associated with Sand and Gravel Mining, Rock  
Quarries and Similar Mining Operations, Including Stockpiles of  
Mined Material, Concrete Batch Operations and Hot Mix Asphalt Operations  
(DO NOT USE FOR COVERAGE OF PORTABLE OPERATIONS)**

WASHINGTON STATE USE ONLY:

Permit Number	Ecology Region <input type="checkbox"/> <input type="checkbox"/>	W.R.I.A.	Date Received	Coverage Date
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**I. PERMITTEE:**

Business/Company Name Bechtel National, Inc.	Person Name: Ron Naventi
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**II. RESPONSIBLE PARTY MAILING AND CONTACT INFORMATION:**

Name (primary mailing address) Bechtel National, Inc.	<input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Other	Name <i>United States Dept. of Energy - Richland</i>	<input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner
Mailing Address 3000 George Washington Way		Mailing Address <i>P.O. Box 550</i>	
City Richland	Zip + 4 99352	City <i>Richland</i>	Zip + 4 <i>99352</i>
Contact Person Ellery Savage	Phone No. 371-4862	Contact Person <i>Mr. Jim Rasmussen</i>	Phone No. <i>376-2247</i>
UBI No. 600 363 205		UBI No. <i>N/A</i>	<i>(KAC 8/2/01)</i>

**III. BILLING ADDRESS AND CONTACT INFORMATION:**

Business/Company Name Bechtel National, Inc.	Contact Person
Mailing Address 3000 George Washington Way	Phone No.
City Richland	Zip + 4 99352
	Site Identifier <i>Pit # 30 KAC 8/2/01</i>

**IV. FACILITY/SITE LOCATION INFORMATION:**

Business/Company Name Bechtel National, Inc.	Contact Person
Street Address 3000 George Washington Way	Phone No.
City Richland, WA 99352	County Benton

Legal description of site (use two of the following three):

1. \_\_\_\_\_ ¼ \_\_\_\_\_ ¼; Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

2. Latitude \_\_\_\_\_ 46° 34' 29" N \_\_\_\_\_ Longitude \_\_\_\_\_ 119° 33' 21" W \_\_\_\_\_ (Specify degrees, minutes, and seconds)

3.  Map enclosed

**IV. FACILITY/SITE LOCATION INFORMATION (continued):**

Directions to site from nearest Hwy or City/Town:

The gravel wash operation will be located in the quarry pit commonly referred to as Pit 30 just west of the 200 East Area on the DOE Hanford Site.

**V. APPLICATION TYPE:**

New Permit

New facility

Active Site

Site Permit (Important - see instructions)

Or

Or

Asphalt Batch

Concrete Batch

Existing Facility

Inactive Site

Rock Crusher

Other \_\_\_\_\_

Permit Modification Permit Number WAG-50-\_\_\_\_\_ Reason for modification:

Permit Renewal Permit Number WAG-50-\_\_\_\_\_

Site Permit -  Asphalt Batch

Concrete Batch

Rock Crusher

Other \_\_\_\_\_

**VI. FACILITY INFORMATION: (IMPORTANT: this includes all activities, current and planned, at the site)**

*Industrial activities covered by this application at this site:*

- |  |   |  |   |
|--|---|--|---|
| 1. <input checked="" type="checkbox"/> Mining/Extraction | 5. <input type="checkbox"/> Concrete batch plant  | 7. <input type="checkbox"/> Truck washout          | 11. <input type="checkbox"/> Truck washing (exterior) |
| 2. <input checked="" type="checkbox"/> Crushing          | 6. <input type="checkbox"/> Hot mix asphalt plant | 8. <input checked="" type="checkbox"/> Stockpile   |   |
| 3. <input checked="" type="checkbox"/> Screening         | <input type="checkbox"/> Wet Scrubber             | 9. <input type="checkbox"/> Blasting               |   |
| 4. <input checked="" type="checkbox"/> Washing           | <input type="checkbox"/> Bag House                | 10. <input type="checkbox"/> Other (specify) _____ |   |

*SIC Codes for the industrial activities described above:*

- |  |  |  |   |   |
|--|--|--|---|---|
| 1. <input type="checkbox"/> 0811 _____ | 4. <input type="checkbox"/> 1423 _____         | 7. <input type="checkbox"/> 1446 _____ | 10. <input type="checkbox"/> 1499 _____ | 13. <input type="checkbox"/> 3273 _____ |
| 2. <input type="checkbox"/> 1411 _____ | 5. <input type="checkbox"/> 1429 _____         | 8. <input type="checkbox"/> 1455 _____ | 11. <input type="checkbox"/> 2411 _____ |   |
| 3. <input type="checkbox"/> 1422 _____ | 6. <input checked="" type="checkbox"/> 1442 P_ | 9. <input type="checkbox"/> 1459 _____ | 12. <input type="checkbox"/> 2951 _____ |   |

*All industrial activities included within these SIC Codes at new facilities and those permit modifications that add new activities must have a completed SEPA review to be considered a complete application.*

1. Has SEPA review been completed for all SIC Codes?  YES  NO Date March 2001
2. Lead agency issuing SEPA Determination: \_\_\_\_\_ Ecology \_\_\_\_\_
3. SEPA Responsible Official: P. Dunigan Title: NEPA Compliance Officer
4. Type of SEPA Determination:  DNS  DS  Mitigated DNS

Is site within a *Critical Aquifer Recharge Area*?  YES  NO

Is site within a designated *Wellhead Protection Area*?  YES  NO

Is site within a *Sole Source Aquifer*?  YES  NO

**VII. REGULATORY STATUS:**

(check all that apply)

1.  NPDES Permit No. \_\_\_\_\_ 4.  City or County Permit No. \_\_\_\_\_
2.  State Waste Discharge Permit No. ST 4508, ST 4509, ST 4510 5.  Dept. of Natural Resources Permit No. \_\_\_\_\_
3.  Air Notice of Construction, Permit or Order, Agency NOC Pending

VIII. WATER MANAGEMENT ON THIS SITE:

This permit is issued for discharges of stormwater, process water, or mine dewatering to ground water or surface water.

There is no discharge of process water or mine dewatering water at this site. All stormwater percolates directly to ground and does not puddle or flow in a ditch to a collection basin, drywell, drainfield or infiltration pond. (Skip the rest of this section and go on to Section IX.)

OR

1. Accompanying this application, you must provide a sketch map of your site that identifies each point of discharge. Your monitoring plan and subsequent monitoring reports to Ecology must be based on the points of discharge shown on the map you send in.
2. If you discharge to a surface water body, you must also attach the following information:
  - ◆ An estimate of the minimum width, depth and velocity or flow of the receiving water.
  - ◆ For stormwater discharges: an estimate of the width, depth and velocity or flow of discharge that will occur as a result of a 24 hour rain event greater than 0.5 inches.
  - ◆ For process water: an estimate of the maximum width, depth and velocity or flow of discharge that will occur.
3. Identify the characteristics of each point of discharge below. Copy this page if necessary to identify additional discharge points.

Is Monitoring Plan Complete and Up-to-Date?  YES  NO

For each discharge point listed below, mark all boxes that apply to the discharge during any time of the year.

Discharge Point 1: Name (unique identifier) Pit 30 Aggregate Wash Discharge

Discharge includes:  Process Water

SIC Code(s) 1442

Mine Dewatering Water

SIC Code(s) \_\_\_\_\_

*KAC 8/2/01*  Stormwater

Discharges to:  Storm Drain System (stormwater only)

Name of system: \_\_\_\_\_

Ground

Unlined collection basin or infiltration pond

Drywell or drainfield

Other \_\_\_\_\_

Surface Water (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: \_\_\_\_\_

Tributary to: \_\_\_\_\_

Discharge Point 2: Name (unique identifier) Stormwater to Ground (KAC 8/2/01)

Discharge includes:  Process Water

SIC Code(s) \_\_\_\_\_

Mine Dewatering Water

SIC Code(s) \_\_\_\_\_

Stormwater *KAC 8/2/01*

Discharges to:  Storm Drain System (stormwater only)

Name of system: \_\_\_\_\_

Ground

Unlined collection basin or infiltration pond

Drywell or drainfield

Other \_\_\_\_\_

Surface Water (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: \_\_\_\_\_

Tributary to: \_\_\_\_\_

**IX. BMPs EMPLOYED TO REDUCE POLLUTANTS IN STORMWATER OR PROCESS WATER DISCHARGES:**

Indicate with the following:

S for stormwater P for process water B for stormwater and process water

- a. \_\_\_ Oil/water separator
- b. \_\_\_ Management BMPs
- c. P Collection/routing of water
- d. B Spill prevention
- e. \_\_\_ Lined evaporation basins
- f. \_\_\_ Water recycling
- g. P Infiltration basins
- h. \_\_\_ Vegetation management
- i. S Containment
- j. \_\_\_ Detention facilities
- k. \_\_\_ Overhead coverage
- l. \_\_\_ Chemical Additives (attach MSDS)
- m. \_\_\_ Other (specify) \_\_\_\_\_

Is the Stormwater Pollution Prevention Plan Complete and Up-to-Date?  YES  NO

Is the Erosion and Sediment Control Plan Complete and Up-to-Date?  YES  NO

Is the Spill Plan Complete and Up-to-Date?  YES  NO

**X. OPERATIONS AND PRODUCT(S) MINED OR PRODUCED EACH YEAR:**

Does facility operate year round?  YES  NO

If no, indicate months of operation (circle all that apply): Jan Feb Mar Apr May Jun Jul Oct Nov Dec

Other periodic operation. Describe: \_\_\_\_\_

Indicate annual quantity of product produced using codes from the instructions for this section.

MINED PRODUCTS

BATCH PLANTS

- 1. Sand \_\_\_\_\_
- 2. Sand & Gravel MF \_\_\_\_\_
- 3. Other (specify material and amount) \_\_\_\_\_
- 4. Quarry rock \_\_\_\_\_
- 5. Clay \_\_\_\_\_
- 6. Hot Mix Asphalt \_\_\_\_\_
- 7. Concrete \_\_\_\_\_

**XI. CERTIFICATION BY PERMITTEE:**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

R.F. Naventi

Printed Name of Person Signing Below

Project Manager and Sr. Vice President

Title

*R.F. Naventi*

Signature of Applicant

7/2/01

Date Applicant Signed

**NOTE: Federal regulations require this application to be signed as follows: A.) For corporation, by a principal executive officer of at least the level of vice president; B.) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or C.) For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.**

Attachment 2 to CCN 021147

WTP BATCH PLANT DISCHARGE APPLICATION

# APPLICATION FOR COVERAGE SAND AND GRAVEL GENERAL PERMIT

**For the Discharge of Process Water, Stormwater or  
Mine Dewatering Water Associated with Sand and Gravel Mining, Rock  
Quarries and Similar Mining Operations, Including Stockpiles of  
Mined Material, Concrete Batch Operations and Hot Mix Asphalt Operations  
(DO NOT USE FOR COVERAGE OF PORTABLE OPERATIONS)**

WASHINGTON STATE USE ONLY:

Permit Number	Ecology Region <input type="checkbox"/> <input type="checkbox"/>	W.R.I.A.	Date Received	Coverage Date
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**I. PERMITTEE:**

Business/Company Name U. S. Department of Energy-Office of River Protection	Person Name: Harry Boston
--	---------------------------

**II. RESPONSIBLE PARTY MAILING AND CONTACT INFORMATION:**

Name (primary mailing address) Bechtel National, Inc.	<input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Other	Name <i>United States Dept. of Energy - Richland</i>	<input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner
Mailing Address 3000 George Washington Way		Mailing Address <i>P.O. BOX 550</i>	
City Richland	Zip + 4 99352	City <i>Richland</i>	Zip + 4 <i>99352</i>
Contact Person Ellery Savage	Phone No. 371-4862	Contact Person <i>Jim Rasmussen</i>	Phone No. <i>376-2247</i>
UBI No. 300363 205		UBI No. <i>N/A</i>	<i>(KAC 8/2/01)</i>

**III. BILLING ADDRESS AND CONTACT INFORMATION:**

Business/Company Name Bechtel National, Inc.	Contact Person
Mailing Address 3000 George Washington Way	Phone No.
City Richland	Site Identifier <i>Batch Plant (KAC 8/2/01)</i>

**IV. FACILITY/SITE LOCATION INFORMATION:**

Business/Company Name Bechtel National, Inc.	Contact Person
Street Address 3000 George Washington Way	Phone No.
City Richland 99352	County

Legal description of site (use two of the following three):

1. \_\_\_\_\_ ¼ \_\_\_\_\_ ¼; Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_
2. Latitude \_\_\_\_\_ 46° 33' 4" N \_\_\_\_\_ Longitude \_\_\_\_\_ 119° 30' 9" W \_\_\_\_\_ (Specify degrees, minutes, and seconds)
3.  Map enclosed

**IV. FACILITY/SITE LOCATION INFORMATION (continued):**

Directions to site from nearest Hwy or City/Town: The Concrete Batch Plant will be located on the River Protection Project-Waste Treatment Plant site just east of the 200 East Area on the DOE Hanford Site north of Richland, Washington.

**V. APPLICATION TYPE:**

New Permit

New facility

Active Site

Site Permit (Important - see instructions)

Or

Or

Asphalt Batch

Concrete Batch

Existing Facility

Inactive Site

Rock Crusher

Other \_\_\_\_\_

Permit Modification Permit Number WAG-50-\_\_\_\_\_ Reason for modification:

Permit Renewal Permit Number WAG-50-\_\_\_\_\_

Site Permit -  Asphalt Batch

Concrete Batch

Rock Crusher

Other \_\_\_\_\_

**VI. FACILITY INFORMATION: (IMPORTANT: this includes all activities, current and planned, at the site)**

*Industrial activities covered by this application at this site:*

- 1.  Mining/Extraction
- 2.  Crushing
- 3.  Screening
- 4.  Washing
- 5.  Concrete batch plant
- 6.  Hot mix asphalt plant
- 7.  Wet Scrubber
- 8.  Bag House
- 9.  Truck washout
- 10.  Stockpile
- 11.  Blasting
- 12.  Other (specify) \_\_\_\_\_
- 13.  Truck washing (exterior)

*SIC Codes for the industrial activities described above:*

- 1.  0811 \_\_\_\_\_
- 2.  1411 \_\_\_\_\_
- 3.  1422 \_\_\_\_\_
- 4.  1423 \_\_\_\_\_
- 5.  1429 \_\_\_\_\_
- 6.  1442 \_\_\_\_\_
- 7.  1446 \_\_\_\_\_
- 8.  1455 \_\_\_\_\_
- 9.  1459 \_\_\_\_\_
- 10.  1499 \_\_\_\_\_
- 11.  2411 \_\_\_\_\_
- 12.  2951 \_\_\_\_\_
- 13.  3273 P

*All industrial activities included within these SIC Codes at new facilities and those permit modifications that add new activities must have a completed SEPA review to be considered a complete application.*

- 1. Has SEPA review been completed for all SIC Codes?  YES  NO Date March 2001
- 2. Lead agency issuing SEPA Determination: Ecology
- 3. SEPA Responsible Official: P. Dunigan Title: NEPA Compliance Officer
- 4. Type of SEPA Determination:  DNS  DS  Mitigated DNS

- Is site within a *Critical Aquifer Recharge Area*?  YES  NO
- Is site within a designated *Wellhead Protection Area*?  YES  NO
- Is site within a *Sole Source Aquifer*?  YES  NO

**VII. REGULATORY STATUS:**

(check all that apply)

- 1.  NPDES Permit No. \_\_\_\_\_
- 2.  State Waste Discharge Permit No. ST 4508, ST 4509, ST 4510
- 3.  Air Notice of Construction, Permit or Order, Agency \_\_\_\_\_ NOC Pending
- 4.  City or County Permit No. \_\_\_\_\_
- 5.  Dept. of Natural Resources Permit No. \_\_\_\_\_

VIII. WATER MANAGEMENT ON THIS SITE:

This permit is issued for discharges of stormwater, process water, or mine dewatering to ground water or surface water.

There is no discharge of process water or mine dewatering water at this site. All stormwater percolates directly to ground and does not puddle or flow in a ditch to a collection basin, drywell, drainfield or infiltration pond. (Skip the rest of this section and go on to Section IX.)

OR

1. Accompanying this application, you must provide a sketch map of your site that identifies each point of discharge. Your monitoring plan and subsequent monitoring reports to Ecology must be based on the points of discharge shown on the map you send in.
2. If you discharge to a surface water body, you must also attach the following information:
  - ◆ An estimate of the minimum width, depth and velocity or flow of the receiving water.
  - ◆ For stormwater discharges: an estimate of the width, depth and velocity or flow of discharge that will occur as a result of a 24 hour rain event greater than 0.5 inches.
  - ◆ For process water: an estimate of the maximum width, depth and velocity or flow of discharge that will occur.
3. Identify the characteristics of each point of discharge below. Copy this page if necessary to identify additional discharge points.

Is Monitoring Plan Complete and Up-to-Date?  YES  NO

For each discharge point listed below, mark all boxes that apply to the discharge during any time of the year.

Discharge Point 1: Name (unique identifier) WTP Batch Plant Discharge

Discharge includes:  Process Water

SIC Code(s) 3273

Mine Dewatering Water

SIC Code(s) \_\_\_\_\_

Stormwater

Discharges to:  Storm Drain System (stormwater only)

Name of system: \_\_\_\_\_

Ground

Unlined collection basin or infiltration pond

Drywell or drainfield

Other Concrete retention pond

Surface Water (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: \_\_\_\_\_

Tributary to: \_\_\_\_\_

Discharge Point 2: Name (unique identifier)

Stormwater to Ground

KAC 8/2/01

Discharge includes:  Process Water

SIC Code(s) \_\_\_\_\_

Mine Dewatering Water

SIC Code(s) \_\_\_\_\_

Stormwater KAC 8/2/01

Discharges to:  Storm Drain System (stormwater only)

Name of system: \_\_\_\_\_

Ground KAC 8/2/01

Unlined collection basin or infiltration pond

Drywell or drainfield

Other \_\_\_\_\_

Surface Water (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: \_\_\_\_\_

Tributary to: \_\_\_\_\_

**IX. BMPs EMPLOYED TO REDUCE POLLUTANTS IN STORMWATER OR PROCESS WATER DISCHARGES:**

Indicate with the following:

S for stormwater P for process water B for stormwater and process water

- a. \_\_\_ Oil/water separator
- b. \_\_\_ Management BMPs
- c. \_\_\_ Collection/routing of water
- d. B Spill prevention
- e. P Lined evaporation basins
- f. S Water recycling
- g. \_\_\_ Infiltration basins
- h. \_\_\_ Vegetation management
- i. S Containment
- j. \_\_\_ Detention facilities
- k. \_\_\_ Overhead coverage
- l. \_\_\_ Chemical Additives (attach MSDS)
- m. \_\_\_ Other (specify) \_\_\_\_\_

Is the Stormwater Pollution Prevention Plan Complete and Up-to-Date?  YES  NO  
 Is the Erosion and Sediment Control Plan Complete and Up-to-Date?  YES  NO  
 Is the Spill Plan Complete and Up-to-Date?  YES  NO

**X. OPERATIONS AND PRODUCT(S) MINED OR PRODUCED EACH YEAR:**

Does facility operate year round?  YES  NO

If no, indicate months of operation (circle all that apply): Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Other periodic operation. Describe: \_\_\_\_\_

Indicate annual quantity of product produced using codes from the instructions for this section.

MINED PRODUCTS

BATCH PLANTS

- 1. Sand \_\_\_\_\_
- 2. Sand & Gravel \_\_\_\_\_
- 3. Other (specify material and amount) \_\_\_\_\_
- 4. Quarry rock \_\_\_\_\_
- 5. Clay \_\_\_\_\_
- 6. Hot Mix Asphalt \_\_\_\_\_
- 7. Concrete CE

**XI. CERTIFICATION BY PERMITTEE:**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

R. F. Naventi

Printed Name of Person Signing Below

Project MANAGER and Sr. Vice President

Title

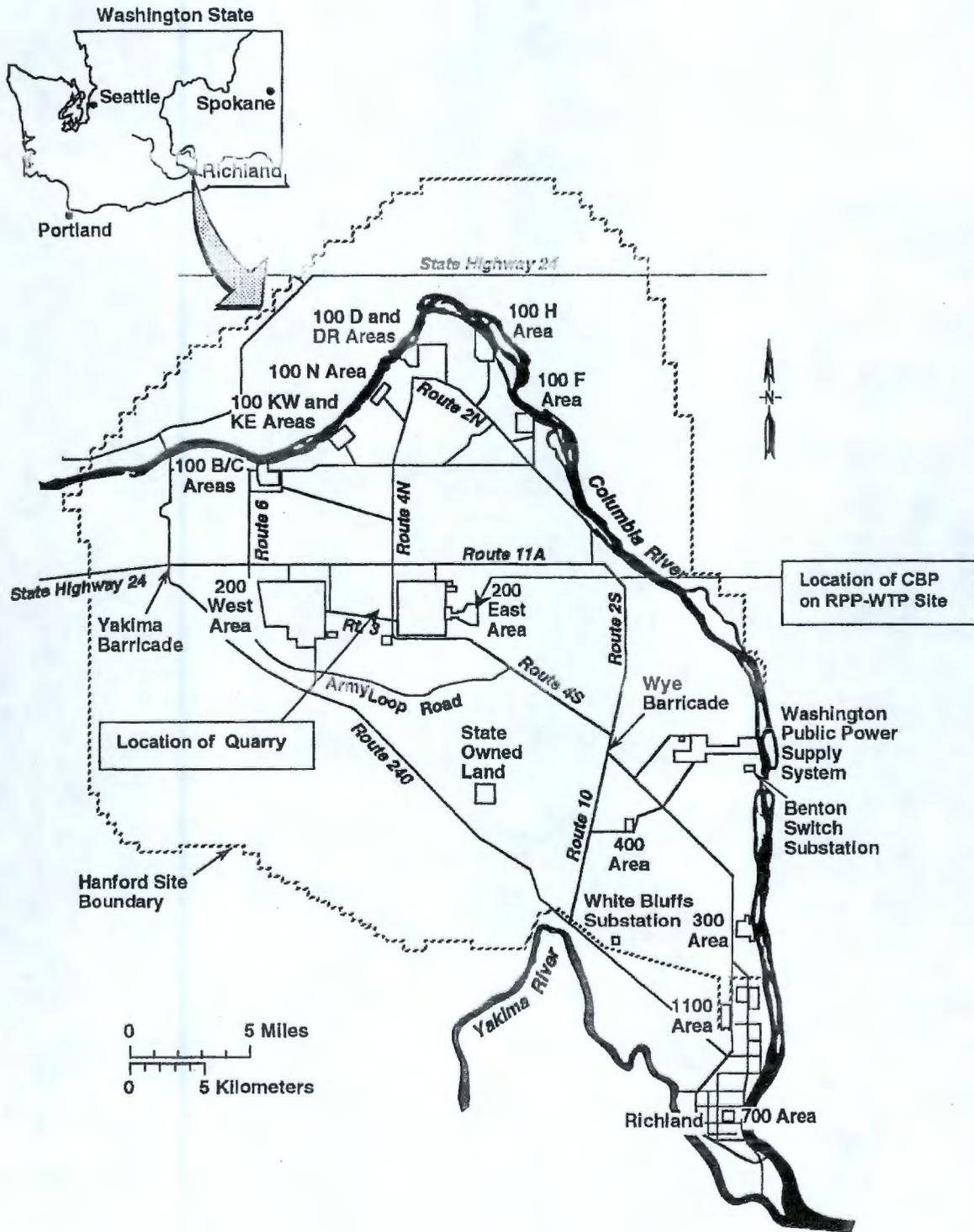
*R. F. Naventi*

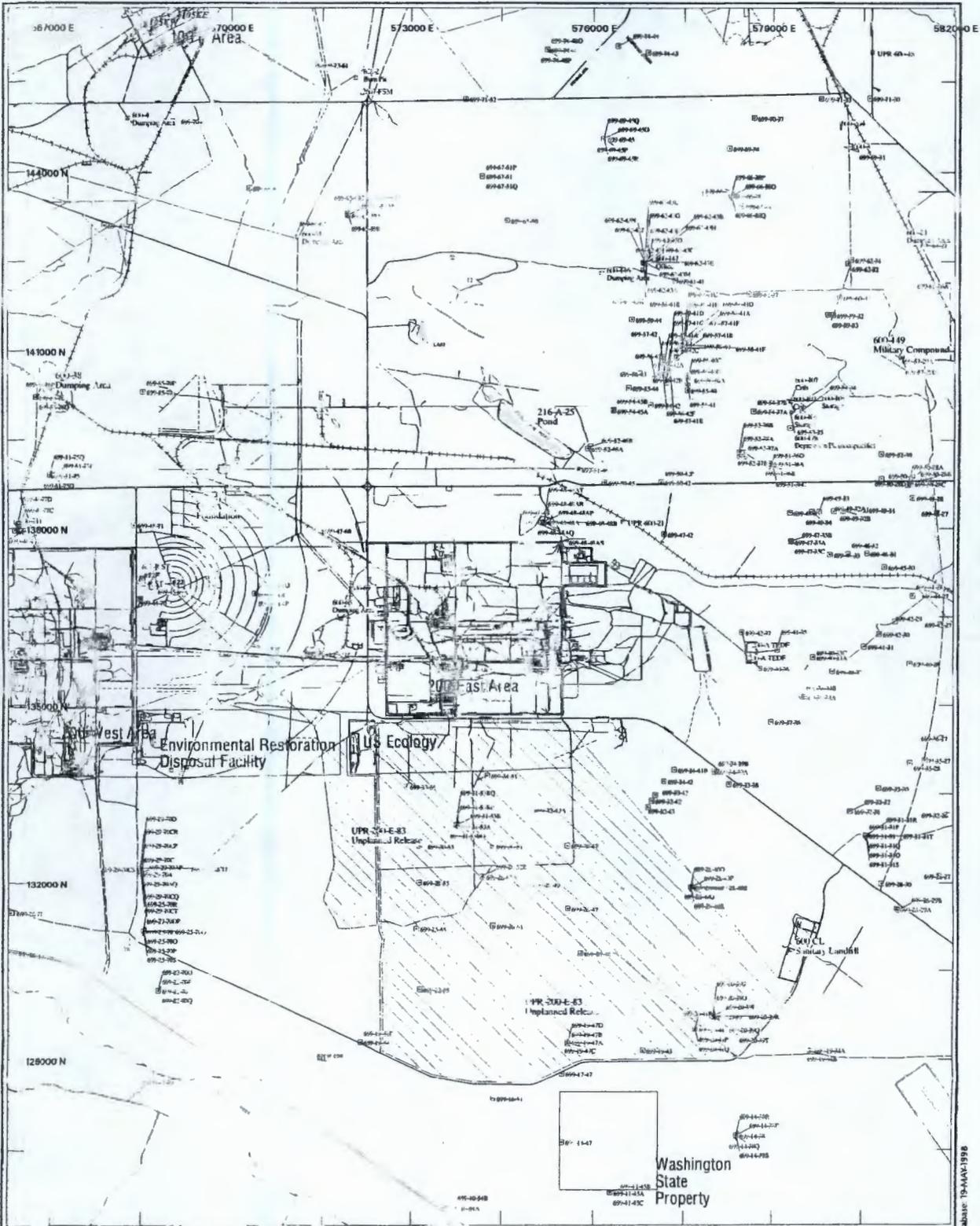
Signature of Applicant

7/2/01

Date Applicant Signed

**NOTE: Federal regulations require this application to be signed as follows: A.) For corporation, by a principal executive officer of at least the level of vice president; B.) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or C.) For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.**





BH-0119 Rev. 1

ERC-19-APR-97 Atlas by Area/Rev. A. Database: 19-MAY-1998



### Hanford Site: Center

0 10m 20m 30m 40m

0 1mi 2mi

<ul style="list-style-type: none"> <li> Asphalt</li> <li> Concrete</li> <li> Gravel</li> <li> Ditch</li> <li> Utility</li> <li> Landfill</li> </ul>	<ul style="list-style-type: none"> <li> Asphalt-Concrete</li> <li> Asphalt-Gravel</li> <li> Asphalt</li> <li> Waste Site</li> <li> Paved Road</li> <li> Unpaved Road</li> </ul>	<ul style="list-style-type: none"> <li> Railroad</li> <li> Trail</li> <li> Valley Line</li> <li> Utility-L.S.</li> <li> Pipeline</li> </ul>	<ul style="list-style-type: none"> <li> R00-211</li> <li> URP-400-20</li> <li> Well</li> <li> Abandoned/Decommissioned Waste Site (disclosure allowed)</li> </ul>
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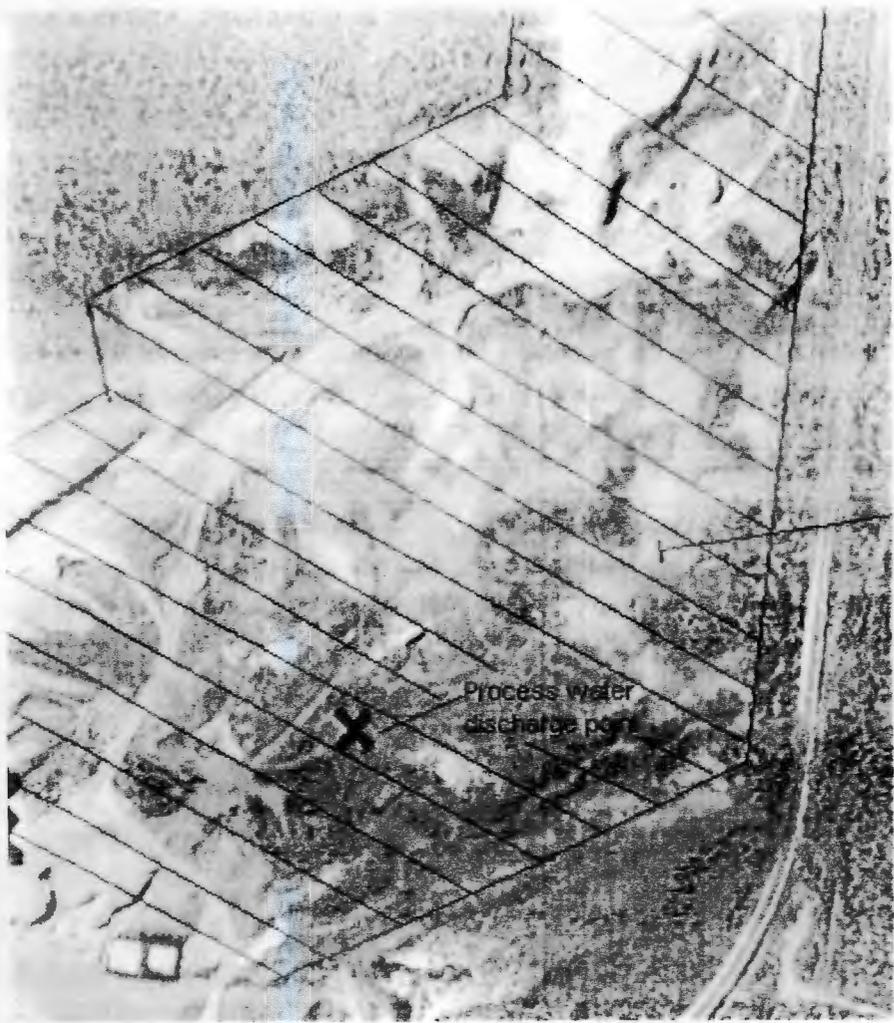
**U.S. DEPARTMENT OF ENERGY**  
 RICHLAND OPERATIONS OFFICE  
 HANFORD ENVIRONMENTAL RESTORATION PROGRAM

**BECHTEL HANFORD, INC.**  
 RICHLAND, WASHINGTON

Bechtel Job No.: 22192	DOE Contract Number: DE-AC06-93RL12367
AML: atlas_by_area	Service File: hs_grd5
Date: 19-MAY-1998	

Projection: Lambert Conformal Conic  
 Coordinate System: Washington State Plane, South Zone  
 Horizontal Datum: North American Datum, 1983 (NAD83)  
 Vertical Datum: North American Vertical Datum, 1988 (NAV88)

Spatial and attribute data are maintained by the Environmental Data Management Group of the Environmental Restoration Contractor.



Previously  
Mined  
Area

Process water  
discharge point

Pit #30 @ Hanford Reservation, WA

Pit 30 location

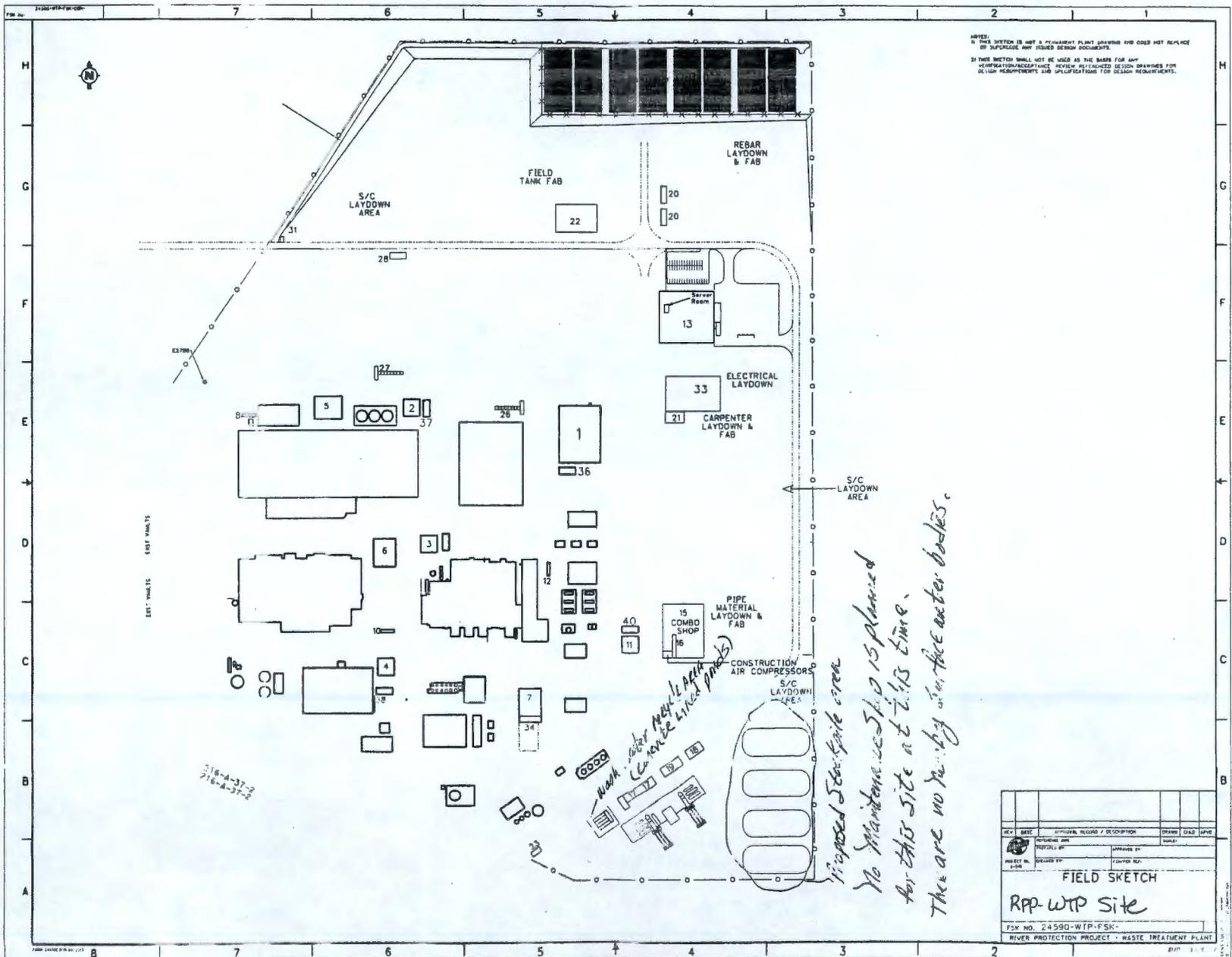
↙  
↘

Proposed  
WINNING AREA



Processing  
AREA

There are no Stockpiles at this time  
There will not be a maintenance Shop at this site.  
There are no nearby Surface water bodies.



NOTES:  
 1. THIS SKETCH IS NOT A PERMANENT PLANT DRAWING AND DOES NOT REPLACE OR SUPERSEDE ANY ISSUED DESIGN DOCUMENTS.  
 2. THIS SKETCH SHALL NOT BE USED AS THE BASIS FOR ANY VERIFICATION/ACCEPTANCE REVIEW PER ENGINEER DESIGN DRAWINGS FOR DESIGN REQUIREMENTS AND SPECIFICATIONS FOR DESIGN REQUIREMENTS.

EST. MARKS

518-A-37-2  
 518-A-37-2

*Hand-drawn sketch of a building with notes: 'Hand-drawn sketch of a building' and 'Carpenter layout (prob)'*

*Proposed storage area  
 No Materials to be placed  
 for this site at this time.  
 There are no materials for fire water bodies.*

REV	DATE	APPROVAL	REVISION / DESCRIPTION	DESIGN	DRAWN	CHECKED
FIELD SKETCH						
RPP-WTP Site						
FSW NO. 24590-WTP-FSK						
RIVER PROTECTION PROJECT - WASTE TREATMENT PLANT						