



0070225

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

06-ESD-0131

JUL 5 2006

Mr. Daniel Thompson
State Biosolids Program Coordinator
State of Washington Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

RECEIVED
JUL 24 2006

EDMC

Dear Mr. Thompson:

APPLICATION FOR COVERAGE UNDER THE STATEWIDE GENERAL PERMIT FOR
BIOSOLIDS MANAGEMENT

The Application for Coverage under the Statewide General Permit for Biosolids Management is enclosed. The application covers the management and application of biosolids from the 100-N Sewage Lagoon to the land on the Hanford Site. There are no immediate plans to remove biosolids from the 100-N Sewage Lagoon. In the event that removal becomes necessary, a Site-Specific Land Application Plan for application of the biosolids at the Hanford Site will be submitted to Ecology, or the biosolids will be sent to a permitted biosolids beneficial-use facility as appropriate.

The Richland Operations Office appreciates Ecology's Yakima Office work with us in the conceptual phase to identify the most efficient ways to address the State Biosolids Management regulations requirements.

If you have any questions, you may contact me, or your staff may contact Doug S. Shoop, Assistant Manager for Safety and Engineering, on (509) 376-0108.

Sincerely,

for Keith A. Klein
Manager

ESD:MFJ

Enclosure

cc w/encl:

K. A. Conaway, Ecology
T. N. Draper, WCH
P. Severtson, Ecology, (Yakima WA.)
J. G. Woolard, WCH

Administrative Records (file: Biosolids Permit 100-N Sewage Lagoon; State Waste Discharge Permit 4507/100-N Lagoon) H6-08

cc w/o encl:

Environmental Portal A3-01, LMSI

ENCLOSURE

Application for Coverage under the Statewide General Permit
for Biosolids Management



Application for Coverage Under the Statewide General Permit for Biosolids Management

This form may be revised from time to time. Please check with the Ecology regional office in your area to ensure that this is the most recent version. This form is also available on the internet at <http://www.ecy.wa.gov/programs/swfa/biosolids/permitting.html>. If there is insufficient room on the form or you need to provide additional information, please include numbered or lettered attachments and reference them from the appropriate point in the application.

SECTION A: FACILITY INFORMATION

By signing and submitting this application, you are confirming that the facility described below is involved in biosolids/septage treatment/management activities regulated under Chapter 173-308 WAC, and is applying for coverage under the General Permit for Biosolids Management to meet the permit requirements of that rule.

1. Facility Name: Hanford Site 100-N Sewage Lagoon
2. Facility Address: U.S. Department of Energy, Richland Operations Office, P. O. Box 550, Richland, Washington, 99352
3. Facility Location: Section: 27 Township: 14N Range: 26E Latitude: 46deg41'8"N Longitude: 119deg33'13"W
4. Billing Address: Same
5. Facility Operator: Name/Title: Nolan Draper/Manager, D4 Utilities Washington Closure Hanford Phone: 509-372-9801/509-531-0627 Fax: 509-372-9109 Email: Nolan.Draper@wch-rcc.com
6. Primary Contact: Name/Title: Same as Facility Operator Phone: _____ Fax: _____ Email: _____
7. Responsible Official: Name/Title: Keith A. Klein /Manager, Department of Energy Richland Operations Office Phone: 509-376-7395 Fax: 509-376-4789 Email: Keith A Klein@rl.gov
8. Ownership Status:
Name of Owner: U. S. Department of Energy, Richland Operations Office
 Federal
 State
 Local (county, city, town, village)
 Special District
 Private
 Other: _____
9. Is the facility or any associated management or application site(s) on:
 Federal Land
 Tribal Land
If either above is checked, explain: U. S. Department of Energy Hanford Site
10. Facility Type:
 Sewage Treatment Plant
 Class I (facilities with industrial pretreatment programs or designated as Class I)
 Average daily design flow in the maximum month equal to or greater than 1 million gallons per day

Serves 10,000 people or more

Average daily design flow in the maximum month less than 1 million gallons per day **and** serves less than 10,000 people

Compost Facility

Septage Management Facility (facilities engaged in the land application of septage or preparation of septage for land application)

SPECIAL NOTE FOR SEPTAGE MANAGEMENT FACILITIES: Septage is a type of biosolids. References below to "biosolids" refer specifically to biosolids resulting from specific types of wastewater treatment processes. References below to "biosolids/septage" refer to septage as well. Below you will be asked to provide information on septage managed in dry tons. If you manage septage on a gallon basis, you may convert to dry tons using the following formula: $\text{dry tons} = (\text{gallons} * 8.34 / 2000 * \% \text{ solids})$. If you do not know the percent solids, you may use 2%; thus, 100,000 gallons will be estimated to be 8.34 dry tons.

Beneficial Use Facility

11. What is the capacity of your facility?

Sewage treatment plants specify average design flow in the maximum month: **0.05** million gallons per day
Other facilities specify or estimate capacity (explain if necessary): _____ (cite units used)

12. You must include the following with your permit application:

13. A vicinity map extending one mile around the perimeter of the facility showing the location and means of access.

A vicinity map (as described above) for any associated treatment or storage facilities.

SECTION B: PERMIT INFORMATION

1. Water Quality Permits:

Clean Water Act

National Pollutant Discharge Elimination System Program:

Wastewater Discharge—Permit #: _____ Expiration Date: _____

Stormwater Permit—Permit #: _____ Expiration Date: _____

Dredge or Fill Permit/Section 404—Permit #: _____ Expiration Date: _____

Ocean Dumping Permit/Marine Protection, Research, and Sanctuaries Act—Permit #: _____ Expiration Date: _____

State Waste Discharge Permit—Permit #: **ST-4507** Expiration Date: **5/12/2002** (**Note: renewal application was submitted and Ecology stated in a letter dated 5/2/2002 that the current Permit will remain in effect until the new Permit is issued.**)

Underground Injection Control Program/Safe Drinking Water Act—Permit #: _____ Expiration Date: _____

Other: _____ Permit #: _____ Expiration Date: _____

2. Other Environmental Permits:

Hazardous Waste Management Program/Resource Conservation Recovery Act—Permit #: _____ Expiration Date: _____

Clean Air Act:

Prevention of Significant Deterioration Program—Permit #: _____ Expiration Date: _____

Nonattainment Program—Permit #: _____ Expiration Date: _____

National Emission Standards for Hazardous Pollutants Preconstruction—Approval #: _____ Expiration Date: _____

Other: _____ Permit #: _____ Expiration Date: _____

3. Local Permits:

Permit Type: _____ Permit #: _____ Expiration Date: _____

SECTION C: FACILITY OPERATIONS

1. Sewage Treatment Facility

a) Pre-treatment

- Settling basins (grit chambers)
- Screening
- Grinding (comminution)
- Flow equalization
- Other: _____

b) Activated Sludge

- Normal activated
- Fine bubble
- Pure oxygen activated
- Sequential batch reactors
- Rotating biological contactor
- Oxidation ditch
- Biolac system
- Carrousel
- Other: _____

c) Fixed Film

- K.S. loaded trickling filters
- Block media high air
- Rotating biological contactors
- Plastic media
- Ordinary stones
- Recirculating gravel filters
- Other: _____

d) Lagoons

- Without aeration or recirculation
- Aerated without recirculation
- Aerated with recirculation
- Storage following treatment in a Biolac system
- Other: _____

e) Digestion

- Aerobic
- Mixed aerobic/anaerobic
- Anaerobic
- Thermophilic
- Autothermophilic aerobic digestion (ATAD)
- Other: _____

f) Additional Biosolids Treatment/Management

- Drying beds
- Belt-filter presses
- Centrifuge
- Composting
- Bagging

- Alkaline stabilization
- Polymer
- Heat Drying
- Heat Treatment
- Irradiation
- Pasteurization
- Other: There are no immediate plans to remove biosolids from either the aeration or stabilization ponds of the 100-N Sewage Lagoon. When/if the need arises, the exact treatment process will be determined by regulatory requirements, site-specific conditions and any contract-specific agreements.

2. Septage Management Facilities

- Composting
- Aeration
- Screening
- Grinding
- pH adjustment
- Other: _____
- None

3. Discuss any seasonal or operational variations that affect either the quality or the quantity of biosolids/septage that is generated or managed. _____

4. Attach a diagram detailing the biosolids/septage treatment and handling processes at your facility.

5. Briefly describe how biosolids/septage are processed, managed and/or used by your facility. The facility receives septage as inflow into the aeration pond. No biosolids are currently processed, managed or used. There are no current plans to manage biosolids at the 100-N Sewage Lagoon. The last time biosolids were generated in 1996, the removed sludge from the aeration pond was dried in a filter press and lime was applied to kill pathogens. The treated biosolids were applied on the Hanford Site as a soil amendment to stimulate plant growth over an abandoned discharge trench. Although no distinct use of any future generation of 100-N Sewage Lagoon biosolids has yet been identified, there are many opportunities on the Hanford Site for beneficial use of biosolids given the current mission of cleanup and land restoration.

SECTION D: BIOSOLIDS/SEPTAGE QUANTITY & QUALITY

1. Annual production of biosolids/septage (based on a five-year average): Since sludge has not been removed since 1996, a five year production average is not available. The annual production rate is based on a extrapolation of sludge measurements taken in 2003. ~75 dry tons

2. Amount of biosolids/septage used during last calendar year: 0 dry tons

- Actual Estimated

3. Amount of biosolids/septage maintained in storage: 0 dry tons

- Actual Estimated

4. Do you expect major changes in product quantities generated, used, or stored during the next five years?

- Yes No

If yes, explain: _____

5. If a septage management facility, what types of septage will you handle? (See WAC 173-308-080 for definitions.)

- Class I

- Class II
- Class III

If you checked "Class III", have you received approval from the department or a delegated local health jurisdiction?

- Yes No

If no, explain: _____

6. Typical biosolids analytical results (not applicable to septage unless required by your operations plan or as an additional and more stringent permit condition):

- Average calculated from previous year's data
- Concentrations based on most recent data
- Other: _____

Arsenic	<u><0.75</u> mg/kg	Nitrate Nitrogen	<u>NA</u> mg/kg
Cadmium	<u>0.23</u> mg/kg	Ammonia Nitrogen	<u>NA</u> mg/kg
Copper	<u>12.48</u> mg/kg	Total Kjeldahl Nitrogen	<u>NA</u> mg/kg
Lead	<u>3.07</u> mg/kg	Phosphate	<u>NA</u> mg/kg
Mercury	<u>0.26</u> mg/kg		
Molybdenum	<u>0.26</u> mg/kg	% Total Solids	<u>4.2</u> %
Nickel	<u>1.03</u> mg/kg	% Volatile Solids (% of total)	<u>NA</u> % of total
Selenium	<u><1.0</u> mg/kg	pH	<u>NA</u>
Zinc	<u>111.6</u> mg/kg		

7. Indicate pathogen reduction class and alternative employed (see WAC 173-308-170 or WAC 173-308-270 as applicable). NOTE: All Class A alternatives require sampling and analysis.

- Class A – Alternative 1 *Time and temperature*
- Class A – Alternative 2 *Alkaline stabilization*
- Class A – Alternative 3 *Process verification*
- Class A – Alternative 4 *Batch verification*
- Class A – Alternative 5 *Process to Further Reduce Pathogens*
 - Composting
 - Heat drying
 - Heat treatment
 - Thermophilic aerobic digestion
 - Beta ray irradiation
 - Gamma ray irradiation
 - Pasteurization
- Class A – Alternative 6 *Equivalency determination*—explain:

(No biosolids management currently being performed or planned. Other alternatives to achieving Class B or Class A may be evaluated depending upon regulatory requirements, site-specific considerations, and any contractor-specific agreements that are established.)

- Class B – Alternative 1 *Seven samples*
- Class B – Alternative 2 *Process to Significantly Reduce Pathogens*
 - Aerobic digestion
 - Air drying
 - Anaerobic digestion
 - Composting
 - Lime stabilization
- Class B – Alternative 3 *Equivalency determination*—explain:

(No biosolids management currently being performed or planned. Other alternatives to achieving Class B or Class A may be evaluated depending upon regulatory requirements, site-specific considerations, and any contractor-specific agreements that are established.)

- Alkaline stabilization for septage
- Site management and access restrictions for septage
- Does not meet pathogen reduction requirements. Explain: _____

8. Vector attraction reduction achieved by (see WAC 173-308-180, -210(3), -220(3), -230(3), -240(3), or -270(4) as applicable):

- 38% volatile solids reduction, or
 - Bench test for anaerobically treated biosolids
 - Bench test for aerobically treated biosolids
- Aerobic process with SOUR test
- Aerobic treatment meeting time/temperature
- pH adjustment
- 75% or greater solids content for biosolids containing stabilized solids
- 90% or greater solids content for biosolids containing unstabilized solids
- Injection below the surface of the ground
- Incorporation within 6 hours after application
- Alkaline stabilization for septage
- Does not meet vector attraction reduction requirements. Explain: _____

(No biosolids management currently being performed or planned. The specific alternatives for achieving vector attraction reduction will be evaluated based upon regulatory requirements, site-specific considerations, and contractor-specific agreements that are established.)

9. When applicable, you must submit the following data from the past two years with your permit application:

- Biosolids/septage monitoring data.
- Monitoring data for soils at application site
- Monitoring data for surface and/or groundwater at application site

10. Do you currently transfer any biosolids/septage to another facility for further treatment? NOTE: Such facilities include biosolids/septage composting facilities and wastewater treatment facilities.

- Yes No

If yes, provide the following information as applicable (attach additional sheets if needed):

Name of the Facility: _____
Operator Name: _____
Facility Address: _____
Facility Phone Number: _____

If no, do you wish to hold open the option of transferring biosolids/septage to another facility for further treatment? Ecology encourages holding this option open.

- Yes No

11. Does your facility receive biosolids/septage from another facility or operation?

- Yes No

If yes, provide the following information as applicable (attach additional sheets if needed):

Name of the Facility: _____
Operator Name: _____
Facility Address: _____
Facility Phone Number: _____

If no, do you wish to hold open the possibility of accepting biosolids/septage from other facilities or operations? Ecology encourages holding this option open.

Yes No

SECTION E: BIOSOLIDS/SEPTAGE BENEFICIALLY USED

1. Biosolids/septage are:
- Applied directly to the land.
 - Sold or given away in:
 - Bulk
 - Bags or other containers
 - Other: **(No biosolids management currently being performed or planned. The specific alternatives for management of biosolids will be evaluated based upon regulatory requirements, site-specific considerations, and contractor-specific agreements that are established.)**
2. Do you depend on another party to land apply your biosolids/septage?
- Yes No
- If yes, provide the following information as applicable (attach additional sheets if needed):
- Name of the Facility: **(No Contractor determined yet. When need arises to remove/apply biosolids to the land, a qualified Contractor will be selected.)**
- Operator Name: _____
- Facility Address: _____
- Facility Phone Number: _____
- If no, do you wish to hold open the option of utilizing another party to apply your biosolids/septage, including any permitted biosolids beneficial use facilities or septage management facilities? Ecology encourages holding this option open.
- Yes No
3. Indicate land types or management scenarios you use, and the amount of biosolids/septage in each category during the last calendar year:
- Bulk to agricultural land _____ dry tons (total for all agricultural land types)
 - Food crop _____ dry tons (subtotal for agricultural land)
 - Feed crop _____ dry tons (subtotal for agricultural land; total for feed crops)
 - Range land _____ dry tons (subtotal for feed crops)
 - Pasture _____ dry tons (subtotal for feed crops)
 - Fiber crop _____ dry tons (subtotal for agricultural land)
 - Bulk to forest land _____ dry tons (total)
 - Bulk to public contact site _____ dry tons (total)
 - Bulk to land reclamation site _____ dry tons (total)
 - Bulk to lawn or home garden _____ dry tons (total)
 - Sold or given away in a bag or other container _____ dry tons (total)
 - Bulk sold or given away to another person who prepares for application to the land _____ dry tons (total)
 - Bulk sold or given away to another person for application to the land _____ dry tons (total)
4. Total sold, given away, or applied to the land during the previous calendar year **No biosolids were generated/removed from the 100-N Sewage Lagoon during the previous calendar year. There are no immediate plans to remove biosolids from either the aeration or stabilization ponds of the 100-N Sewage Lagoon.** dry tons (sum of totals listed in 3, above)

SECTION F: TRANSPORTATION

Does your facility transport or contract for the transportation of biosolids/septage?

Yes No

If yes, submit a copy of a Spill Prevention/Response Plan with this application. NOTE: If you contract for the transportation of your biosolids/septage, you may submit a copy of your transporter's plan.

SECTION G: LAND APPLICATION PLANS

1. Are all land application sites currently planned for use for non-exceptional quality (non-EQ) biosolids/septage identified in an attached site specific land application plan (SSLAP)?

Yes No

If no, are your biosolids/septage managed by a permitted biosolids beneficial use facility or septage management facility with an approved SSLAP?

Yes No

If no to both above, explain: **No biosolids are currently being managed. When sludge needs to be removed from the lagoon, a site-specific plan for application of the sludge at the Hanford Site will be submitted for approval or the biosolids will be sent to a permitted biosolids beneficial use facility.**

NOTE: Unless your non-EQ biosolids/septage are being managed by a permitted biosolids beneficial use facility or septage management facility with an approved SSLAP, a SSLAP must be submitted before your biosolids/septage can be land applied. See Appendix 1 for the required content of a SSLAP.

2. Have you secured the right to propose new land application sites for non-EQ biosolids/septage in an attached general land application plan (GLAP)?

Yes No

NOTE: Unless your non-EQ biosolids/septage will be managed by a permitted biosolids beneficial use facility or septage management facility with an approved GLAP, a GLAP must be submitted to retain the right to propose new land application sites for non-EQ biosolids/septage in the future. Please see Appendix 2 for the required content of a GLAP.

3. If you create exceptional quality (EQ) biosolids/septage and have not submitted a land application plan, have you submitted a management contingency plan with this application addressing how you will manage your biosolids/septage in the event they fail EQ standards.

Yes No

If no, explain: _____

SECTION H: FACILITY SAMPLING PLAN

Does your facility have a Biosolids/Septage Sampling Plan?

Yes No No sampling is done.

If yes, submit a copy with this application.

If no, but sampling is done, explain how your sampling is done: _____

If no sampling is done, please explain: **There are no ongoing sludge removal activities at this facility. The last sludge sampling was conducted in 1995 as summarized in Section D. This sampling was conducted prior to sludge removal in 1996, the last time sludge was removed from the 100-N Sewage Lagoon. There are no immediate plans to remove sludge from the 100-N Sewage Lagoon. When/if the need arises, a sampling plan will be developed and submitted to Ecology.**

SECTION I: LANDFILL DISPOSAL OF BIOSOLIDS/SEPTAGE

1. Do you currently dispose or do you plan to dispose of any biosolids/septage or sewage sludge in a landfill?

Yes No

If yes,

Disposal is on an emergency basis (less than or equal to 1 year)

Approval for emergency disposal has been provided by the local health jurisdiction(s)

Disposal is a temporary management option (greater than 1 year, but less than 5 years)

Approval for emergency disposal has been provided by the local health jurisdiction(s)

A temporary disposal plan has been submitted and approved by the department

- Disposal is on a long-term basis (greater than 5 years)
 - Approval for long-term disposal has been provided by the department
 - Approval for long-term disposal has been provided by the local health jurisdiction(s)
 - Approval for long-term disposal has been provided in a valid permit issued under Chapter 90.48 RCW or a valid permit issued in accordance with Chapter 173-308 WAC

2. Approximate quantities to be disposed: NA dry tons
3. If you dispose of biosolids/septage or sewage sludge, provide the following:
 Name of the landfill: _____
 Landfill Address: _____

SECTION J: SEPA AND PUBLIC NOTICE

1. Has an Environmental Checklist been submitted for purposes of obtaining coverage under this General Permit?
 Yes No
2. Has SEPA been completed for the purpose of obtaining coverage under this General Permit?
 Yes No
 If no, explain: _____
3. Are you relying on any previous SEPA actions for the purpose of complying with the SEPA requirements of this permit?
 Yes No
 If yes, describe: _____
4. Has SEPA been completed for all application sites identified in this application?
 Yes No
 If no, explain: A general land application plan has been completed for future application sites.
5. Provide a copy of all relevant SEPA threshold determinations. Be sure the date of the determination is provided and the lead agency is identified. If SEPA obligations were met without further formal review (e.g. a note to file), please submit a letter or other document from the SEPA lead official that clearly states that SEPA obligations for the purpose of obtaining coverage under this General Permit have been met.
6. Has public notice been completed for this permit application as required in WAC 173-308-310(11):
 Yes No
 If yes, attach copies of the public notice.
 If no, explain: _____

SECTION K: ATTACHMENT CHECKLIST

- Vicinity map extending one mile around the perimeter of the facility showing the location and means of access
- Vicinity map extending one mile around the perimeter of any associated treatment or storage facilities showing the location and means of access
- Treatment facility schematic
- Biosolids/septage monitoring data
- Monitoring data for soils at application site
- Monitoring data for surface and/or groundwater at application site
- Spill prevention/response plan
- Land application plan(s):
 - Site specific
 - General
- Contingency plan for exceptional quality biosolids/septage

- Facility biosolids/septage sampling plan
- Temporary disposal plan
- Copy(ies) of SEPA determination(s) or notice(s) from SEPA lead official indicating SEPA requirements have been met
- Copy(ies) of Environmental Checklist(s)
- Copy(ies) of public notice(s)
- Other (list all):

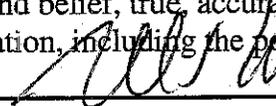
SECTION L: APPENDICES

The following appendices are included with this application form.

1. Minimum Required Content of Site Specific Land Application Plans
2. Minimum Required Content of General Land Application Plans

SECTION M: CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature  Title Manager EL Operations Other Date 7/5/06

SUBMITTING YOUR PERMIT APPLICATION

- The original application to the biosolids coordinator at the headquarters office of the Department of Ecology
- One copy to each regional office of the Department of Ecology where biosolids/septage will be treated or applied to the land
- One copy to the local health jurisdiction in each county where biosolids/septage will be treated, stored, applied to the land, or disposed in a municipal solid waste landfill unless requested otherwise

**Department of Ecology
Central Regional Office
(509) 575-2490**
15 West Yakima Ave, Ste
200
Yakima, WA 98902
ATTN: Biosolids
Coordinator

**Department of Ecology
Eastern Regional Office
(509) 329-3400**
North 4601 Monroe
Spokane, WA 99205-1295
ATTN: Biosolids
Coordinator

**Department of Ecology
Northwest Regional
Office (425) 649-7000**
3190 - 160th Avenue S.E.
Bellevue, WA 98008-5452
ATTN: Biosolids
Coordinator

**Department of Ecology
Southwest Regional
Office (360) 407-6300**
PO Box 47775
Olympia, WA 98504-7775
ATTN: Biosolids Coordinator

**Department of Ecology
Headquarters Office
(360) 407-6000**
PO Box 47600
Olympia, WA 98504-7600
ATTN: Biosolids Coordinator

If you require this publication in an alternate format, please contact the Solid Waste & Financial Assistance Program at 360-407-6900 or TTY (for the speech and hearing impaired) at 711 or 800-833-6388.

APPENDIX 1: CONTENTS OF SITE SPECIFIC LAND APPLICATION PLANS

A site specific land application plan is required for every site where non-exceptional quality biosolids/septage are applied to the land. A site specific land application plan must provide information necessary to determine if a site is appropriate for land application of biosolids/septage. A site specific land application plan(s) must provide a description of how the site(s) will be managed and, at a minimum, the following information:

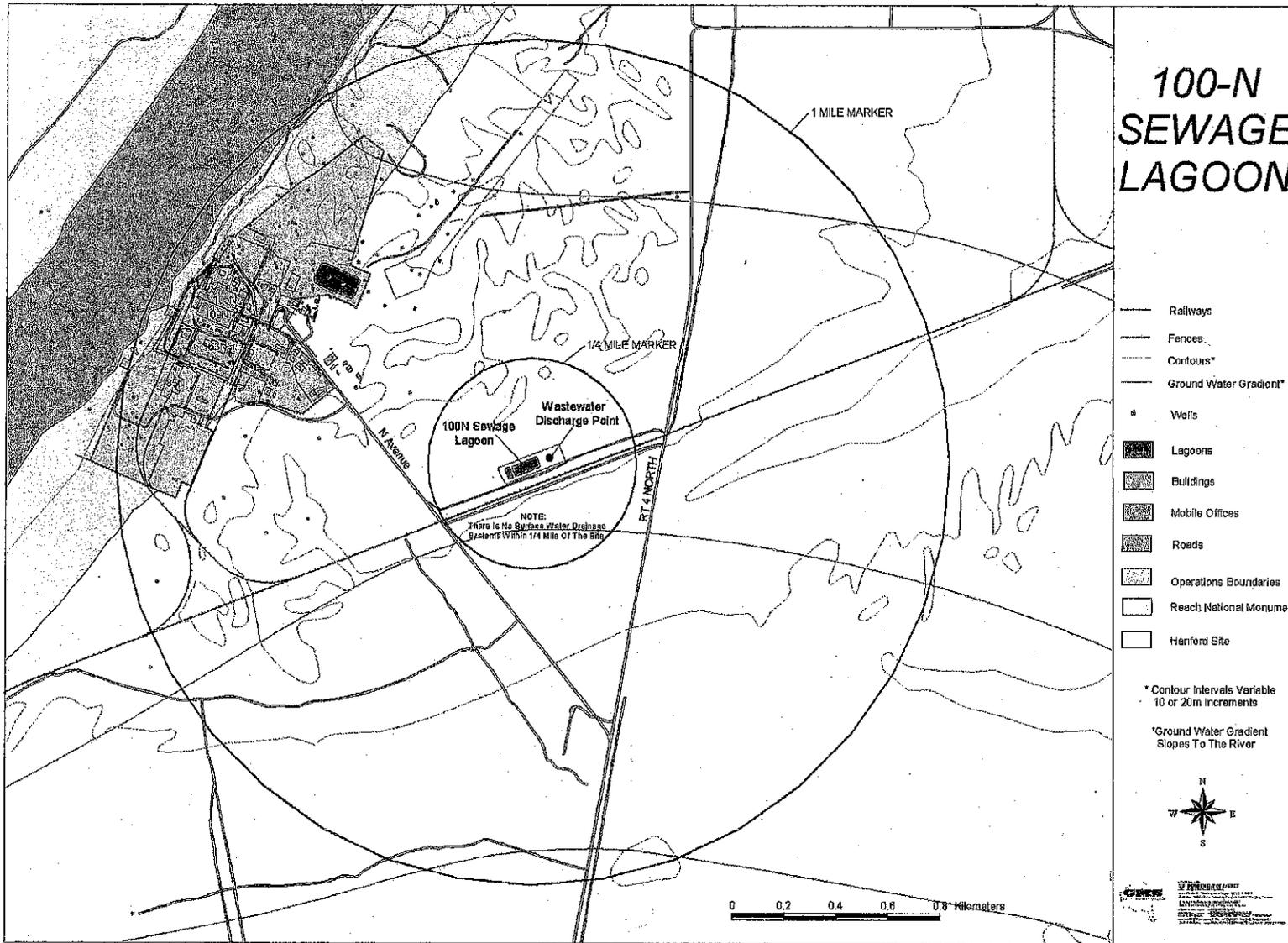
- (1) Whether or not it is known or can be determined that biosolids/septage containing pollutants in excess of the values in Table 3 of Appendix 1 of this permit have ever been applied to the site, and if so:
 - The date(s) when the biosolids/septage were applied (if known),
 - The amount of biosolids/septage applied (if known),
 - The concentration of pollutants in the biosolids/septage (if known), and
 - The area(s) of the site to which biosolids/septage were applied (if known).
- (2) A discussion of the types of crops grown or expected to be grown, their intended end use (e.g. pasture grass for a feed crop, corn as a food crop), and the current distribution of crops on the site.
- (3) An explanation of how agronomic rates will be determined during the life of the site along with any currently available calculations. Whenever agronomic rates are determined or conditions change (i.e. a change in crops or agronomic rates) an update of the agronomic rate calculations must be filed with the department.
- (4) Method(s) of application.
- (5) Seasonal and daily timing of biosolids/septage applications.
- (6) Any available data from soils, surface water, or ground water monitoring collected from the site within the last two years, and any proposed new monitoring or continuation of existing monitoring programs.
- (7) The name of the county and water resource inventory area where biosolids/septage will be applied.
- (8) A description of how biosolids/septage will be stored at the site and also addressing related off-site storage.
- (9) Site map(s) showing:
 - The means of access to the facility and location by street address if applicable; a copy of the assessor's plat map(s) with the application area(s) clearly shown or the latitude and longitude of the approximate center of each land application site, and other means of identifying the location as appropriate and available,
 - The number of acres in the site,
 - Location and extent of any wetlands on the site,
 - A topographic relief of the application site and surrounding area,
 - Adjacent properties and uses and their zoning classification,
 - Any seasonal surface water bodies located on the site or perennial surface water bodies within 1/4 mile of the site,
 - The location of any wells within 1/4 mile of the site that are listed in public records or otherwise known to you, whether for domestic, irrigation, or other purposes,
 - The width of buffer zones to surface waters, property boundaries and other features requiring buffers,
 - The presence and extent of any threatened or endangered species or related critical habitat,
 - The location of any critical areas on site, as required to be identified under Chapter 36.70A RCW in the county's growth management plan,
 - Any portion of the site that falls within a wellhead protection area,
 - Any portion of the site that falls within an area included under a local Shoreline Master Program, and
 - The location and size of any areas which will be used to store biosolids/septage.
- (10) If the seasonal groundwater is three feet or less below the surface, a management plan describing how you will protect groundwater. For example, your plan may limit applications to the time of year when groundwater is receding to less than three feet and growing vegetation will use the nitrogen in the biosolids/septage.
- (11) A description of how access to the site will be restricted (i.e. signs posted around the site or other approved method of access restriction).
- (12) Written approval of the landowner when bulk biosolids/septage which do not meet standards for exceptional quality biosolids/septage will be applied to the land. See section 8.4(1) of the general permit.

APPENDIX 2: CONTENTS OF GENERAL LAND APPLICATION PLANS

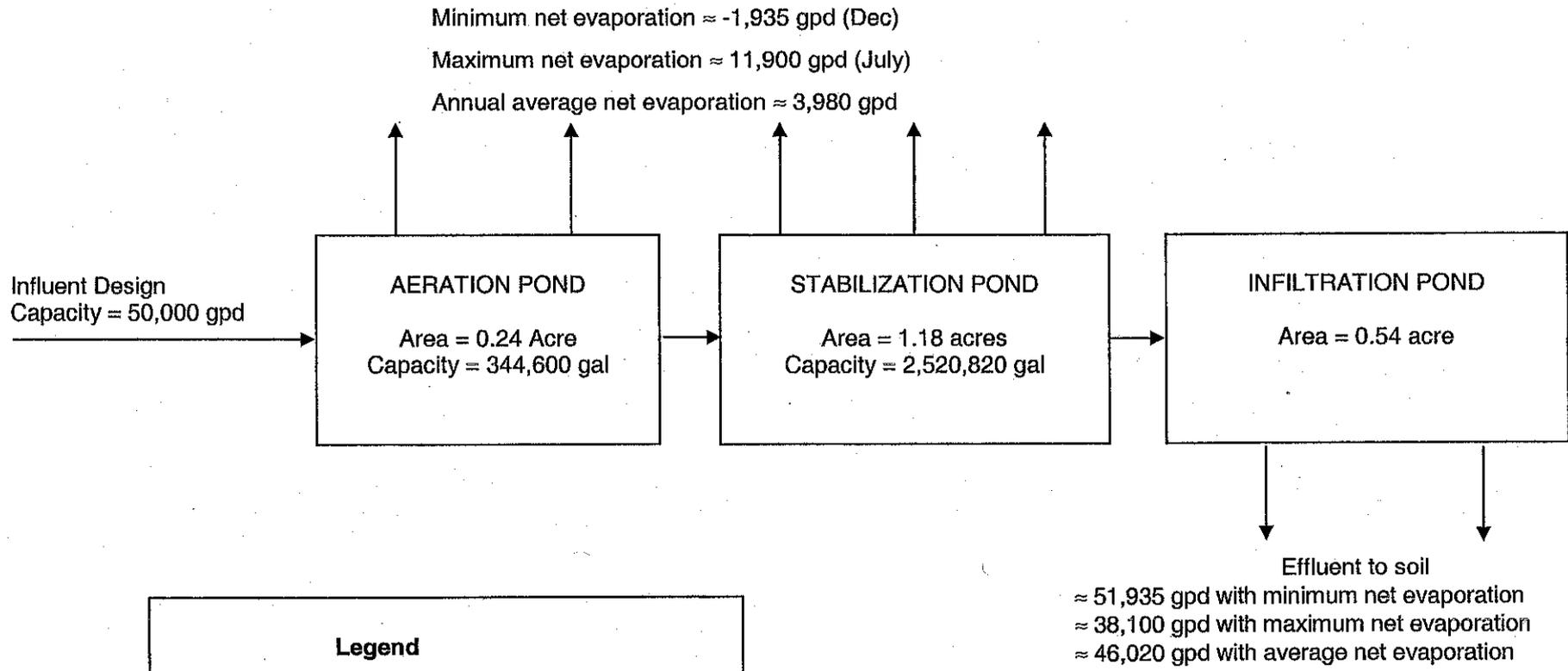
A general land application plan is required when all sites to which non-exceptional quality biosolids/septage may be applied are not identified in a site specific land application plan. A general land application plan, at a minimum, must:

- (1) Describe the geographical area covered by the plan, including the names of all counties and water resource inventory areas where biosolids/septage will be applied.
- (2) Identify site selection criteria.
- (3) Describe how sites will be managed.
- (4) Provide for advance notice to the department or local health department of new or expanded land application sites. The advance notice must be at least 30 days, to allow time for the department (or health department) to object prior to the biosolids/septage applications.
- (5) Provide for advance public notice as specified in WAC 173-308-310(11).

Vicinity Map, 100-N Sewage Lagoon



100-N Sewage Lagoon Design Schematic of Treatment System



Legend

gal = gallons
 gpd = gallons per day
 net evaporation = evaporation - precipitation

Figure B.5-2. Current Schematic for the 100-N Sewage Lagoon

GENERAL LAND APPLICATION PLAN

**Submitted as an attachment to the *Application for Coverage
Under the Statewide General Permit for Biosolids Management***

**Submitted by:
U.S. Department of Energy
Richland Operations Office
for
100-N Sewage Lagoon**

1) GEOGRAPHICAL AREA & WATER RESOURCE INVENTORY AREAS COVERED

This General Land Application Plan (GLAP) is for the U.S. Department of Energy, Richland Operations Office, Hanford Site, in the State of Washington. The Water Resource Inventory Areas covered by this GLAP are WRIA NUMBER(S) 37 and 40.

2) SITE SELECTION CRITERIA

The U.S. Department of Energy, Richland Operations Office (DOE-RL) desires to maximize the beneficial use of biosolids that may be generated from the 100-N Sewage Lagoon. To meet this goal, the DOE-RL will seek and select potential land application sites according to the following criteria.

Land Use. DOE-RL may seek to land apply biosolids consistent with this GLAP to sites managed for the following uses:

- land reclamation sites.

The DOE-RL believes that the above land use represents a beneficial use for 100-N Sewage Lagoon biosolids.

Soils. The following characteristics are considered the "ideal soil" for biosolids amendment:

- deep and well drained,
- medium textured,
- black to very dark brown surface soil,
- brown or yellowish-brown subsoil—no gray matrix or red/yellow mottles,
- no restrictive layers in the subsoil within 40 inches of the surface,
- no compaction zone beneath the depth of tillage,
- greater than 3% surface soil organic matter content,
- moderate to strong surface soil structure,
- low shrink-swell potential,
- available water-holding capacity of 12" or more,
- moderate to rapid infiltration, and
- moderately slow to moderately rapid permeability.

The DOE-RL will seek sites with soils as close to the ideal soil as possible. While the ideal soil is rare, DOE-RL will evaluate other soils per Washington State Department of Ecology Publication #93-80, *Biosolids Management Guidelines for Washington State* as revised in July 2000 and any subsequent revisions.

Slopes. The DOE-RL will seek sites that are level to gently rolling with 0-3% slopes. However, the DOE-RL will consider land application to sites that have slopes of up to 15%. Sites with slopes of greater than 15% will also be considered, however, biosolids will not be applied to slopes exceeding 15%, and buffers will be maintained around such slopes in accordance with the buffers listed in Section 3 of this GLAP.

Groundwater Depth. The DOE-RL will seek to apply biosolids to sites that have a groundwater depth of greater than 3' below the surface throughout the year.

Site Access. The DOE-RL will seek sites where access is unimpeded throughout the year. However, the DOE-RL will consider sites where access is seasonally limited if other site characteristics result in the site being an excellent candidate for biosolids application.

3) SITE MANAGEMENT

The DOE-RL will manage all sites in accordance with *Chapter 173-308 WAC, the General Permit for Biosolids Management*, any existing and subsequent *Site Specific Land Application Plan(s)* and any additional and more stringent requirements placed upon our operation by the Department of Ecology. Additionally, the DOE-RL will manage all sites according to the following.

Application Times/Seasons. The DOE-RL will only apply biosolids during daylight hours. The DOE-RL will not apply biosolids during inclement weather. The DOE-RL will not apply biosolids if the soil is saturated, frozen, if there is excessive snow-cover or if similar site conditions exist such that adequate incorporation and/or percolation is precluded.

Agronomic Application Rates. The DOE-RL will utilize Washington State University Cooperative Extension Service's fertilizer guidelines, Extension Service agents, landowner(s) production records, and/or certified agronomists—as appropriate—to determine the vegetative nutrient requirements and combine this information with biosolids and soil sampling results to develop a proposed biosolids application rate. The application rate proposal will be sent to the Department of Ecology or the local health district (depending on delegation agreements) for approval prior to commencing application.

- **Pre-application Soil Sampling.** Extensive sampling of Hanford soils has been conducted to determine background concentrations of several metals. Existing background data and/or site-specific sampling at the application site may be used to obtain information on the concentrations of the priority pollutants in WAC 173-308-160, Table 1. The DOE-RL may also obtain pre-application soil electrical conductivity and soil pH.

Buffers. The DOE-RL will maintain the following minimum buffers at all land application sites:

- major roadways: 50',
- minor roadways: 10-25',
- dwellings: 200',
- property line: 50' if property owner is not part of the project; 0-10' if the adjacent property owner is associated with the land application project and agrees to a reduced buffer,
- breaks in the topography resulting in slopes exceeding 15%: 25',
- surface water (perennial): 100',
- surface water (intermittent): 33',
- designated wetlands: 100' and
- domestic and irrigation wells: 100'.

Application Equipment. The DOE-RL will utilize application equipment appropriate for the project. Equipment may include manure spreaders, injectors, and spray irrigation equipment. If manure spreaders are used for application, the DOE-RL will seek to utilize side-discharge spreaders to minimize driving across the site and thereby reduce the impact of tractor and spreader tires on site soils.

Staging Areas/Storage Sites. The DOE-RL may use staging areas to temporarily store dewatered biosolids on site when an insufficient volume of biosolids are available for daily application. Any biosolids placed in a staging area will be land-applied within 72 hours following unloading. Biosolids storage sites may be established for longer-term storage of dewatered biosolids for periods of up to 180 days. Prior to establishing a biosolids storage area, the DOE-RL will seek approval from the Department of Ecology for the proposed location. The storage site will be surrounded by a soil berm of at least 12 inches to control run-on/runoff potential. Storage sites will not be located within a 100-year flood plain. Following elimination of a staging area or storage site, the land will be restored to its previous condition.

Incorporation. The 100-N Sewage Lagoon's biosolids will meet the vector attraction reduction requirements in WAC 173-308-180 prior to application and, thus, may be surface-applied without a requirement for subsequent incorporation.

Site Posting. The 100-N Sewage Lagoon biosolids will be treated to Class A or Class B standards. The DOE-RL will post all land application sites for Class B biosolids with informational signs containing the following information:

BIOSOLIDS APPLICATION SITE
Biosolids Applied: MONTH, DAY, YEAR

The U.S Department of Energy, Richland Operations Office has applied a Class B biosolids product to this site as a soil amendment. Biosolids applied to this site are produced by the 100-N Sewage Lagoon. The 100-N Sewage Lagoon's biosolids are primarily organic, stabilized by-product resulting from the treatment of municipal wastewater. The 100-N Sewage Lagoon's biosolids meet all the regulatory requirements for land application prescribed in *Chapter 173-308 WAC, Biosolids Management*.

Contact information for The 100-N Sewage Lagoon is:

CONTACT NAME
ADDRESS
PHONE NUMBER

If the land-applier is different from the biosolids generator, include the following:

Contact information for LAND-APPLIER'S NAME is:

OFFICIAL'S NAME (if different)
ADDRESS
PHONE NUMBER

Contact information for the permitting authorities for this project are:

Peter Severtson
Department of Ecology—Central Regional Office
15 West Yakima Avenue, Suite 200
Yakima, WA 98902
Phone: (509)575-2842

Harvesting of plant material is not allowed without written permission from the DOE-RL.

ACCESS IS RESTRICTED TO PERSONS INVOLVED IN THIS PROJECT AND REGULATORY PERSONNEL

4) ADVANCE NOTICE TO DEPARTMENT OF ECOLOGY AND THE LOCAL HEALTH DEPARTMENT FOR NEW OR EXPANDED LAND APPLICATION SITES

Notice will be given to the Department of Ecology for new or expanded land application sites. The advance notice will be given at least 30 days prior to the anticipated biosolids application, to allow time for comment. Included with the notice will be a complete *Site Specific Land Application Plan* if the proposal is for a new site or an addendum to an existing *Site Specific Land Application Plan* if the proposal is for an expansion of an existing site. Notice will be provided by mail, and a subsequent phone call will be made to ensure that receipt has occurred.

5) ADVANCE PUBLIC NOTICE FOR NEW OR EXPANDED LAND APPLICATION SITES

When a new land application site or expansion of an existing land application site that was not addressed by the State Environmental Policy Act (SEPA) checklist is proposed, the DOE-RL will conduct advanced public notice in accordance with WAC 173-308-310(11).

The public notice requirements were met in April and May with the publication of two notices in the Tri-City Herald in April 2006. The notices published in the newspaper informed the public of the DOE-RL's intent to obtain coverage under the statewide General Permit for Biosolids Management. The public was also notified that Ecology issued a Determination of Nonsignificance after reviewing the SEPA checklist submitted by the DOE-RL. See the attachment to the Application for Coverage Under the Statewide General Permit for Biosolids Management for the Affidavit of Publication.

Additionally, the DOE-RL will directly notify all persons on the current "interested parties" list at least 30 days prior to the anticipated commencement of biosolids application to the proposed site.

DETERMINATION OF NONSIGNIFICANCE

Description of Proposal: *Application for coverage under the statewide general permit for biosolids management as a Treatment Works Treating Domestic Sewage.*

Proponent: *Department of Energy
Richland Operations Office
P.O. Box 550
Richland, WA 99352*

Location of Proposal: *Hanford Washington*

Lead Agency: *Department of Ecology*

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed Environmental Checklist and other information on file with the lead agency. This information is available to the public on request.

This Determination of Nonsignificance is issued under 197-11-340(2); the lead agency will not act on this proposal for 30 days from the date of issuance. Comments must be submitted by:
Date—30 days past date signed

Responsible Official: *Darlene M. Frye*
Position/Title: *Section Manager
Solid Waste and Financial Assistance Program
15 West Yakima Ave
Yakima, WA 98902*

Date: *3-27-06*

Signature: *Darlene M. Frye*

Please send comments to: *Peter Severtson
Department of Ecology
15 West Yakima Ave
Yakima, WA 98902
(509) 575-2605*



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

FEB 21 2006

06-AMRC-0153

Mr. Peter Severtson, Biosolids Coordinator
State of Washington Department of Ecology
15 West Yakima Avenue
Yakima, Washington 98202

Dear Mr. Severtson:

THE STATE ENVIRONMENTAL POLICY ACT (SEPA) CHECKLIST FOR 100-N SEWAGE LAGOON BIOSOLIDS MANAGEMENT AT THE HANFORD SITE

The SEPA checklist for the 100-N Sewage Lagoon Biosolids Management at the Hanford Site is enclosed. The SEPA checklist covers the management and application of biosolids from the 100-N Sewage Lagoon to the land on the Hanford Site. There are no immediate plans to remove biosolids from the 100-N sewage lagoon. In the event that removal becomes necessary and the biosolids are applied to the Hanford Site, it is intended that this action would be covered by this SEPA checklist.

After the State of Washington Department of Ecology takes action on the SEPA checklist, the U.S. Department of Energy, Richland Operations Office will implement the public notice requirements and submit an application for coverage under the statewide general permit for biosolids management.

If you have questions, please contact me or your staff may contact David T. Evans, Acting Assistant Manager for the River Corridor, on (509) 373-9278.

Sincerely,

A handwritten signature in black ink, appearing to read "Keith A. Klein".

Keith A. Klein
Manager

AMRC:DJO

Enclosure

cc w/encl:

K. A. Conaway, Ecology
B. J. Dixon, FHI
T. N. Draper, WCH
R. J. Landon, WCH
J. G. Woolard, WCH
Administrative Record, H6-08 (State Waste
Discharge Permit 4507/100-N Lagoon)

ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21 RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring the preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the question from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. **The agency to which you submit this checklist may ask you to explain your answers or to provide additional information reasonably related to determining if there may be significant adverse impact.**

A. BACKGROUND

1. Name of proposed project, if applicable: 100-N Sewage Lagoon Biosolids Management
2. Name of applicant: U.S. Department of Energy
3. Address and phone number of applicant and contact person:
U.S. Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

Contact:

Keith A. Klein, Manager
Richland Operations Office

(509) 376 7395

4. Date checklist prepared: January 19, 2006

5. Agency requesting checklist: Washington State Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable): The proposal is for coverage under the Statewide General Permit for Biosolids Management for biosolids management activities. The General Permit is a five-year permit. After submitting a complete permit application packet, satifying SEPA requirements, and completing public notice requirements, provisional approval for coverage will be automatic. Final coverage will begin with formal, written approval by the Washington State Department of Ecology.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. A Notice of Intent to obtain coverage under the Statewide General Permit for Biosolids Management has been submitted to the Washington State Department of Ecology. An application for Coverage Under the Statewide General Permit for Biosolids Management and a General Land Application Plan will be prepared and submitted to the Washington State Department of Ecology.

General information concerning the Hanford Facility environment can be found in the Hanford Site National Environmental Policy Act (NEPA) Characterization, PNL 6415, Revision 17, September 2005. This document is updated annually by Pacific Northwest National Laboratory (PNNL), and provides current information concerning climate and meteorology, ecology, history and archeology, socioeconomic, land use and noise levels, and geology and hydrology. These baseline data for the Hanford Site and past activities are useful for evaluating proposed activities and their potential environmental impacts.

The Hanford Comprehensive Land Use Plan Environmental Impact Statement Record of Decision (64 FR 61615, November 12, 1999) identifies land usage designation on the Hanford Site, and is useful for evaluating proposed activities and their potential environmental impacts.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. An Application for Coverage Under the Statewide General Permit for Biosolids Management will be submitted to the Washington State Department of Ecology.

10. List any government approvals or permits that will be needed for your proposal, if known. Final coverage under the Statewide General Permit for Biosolids Management.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain

aspects of your proposal. You do not need to repeat those answers on this page. (Lead agency may modify this form to include additional specific information on project description.) The 100N Sewage Lagoon is a federally owned domestic wastewater treatment facility located on the U.S. Department of Energy Hanford Site in southeastern Washington. The treatment system includes an aeration cell, stabilization cell, and infiltration cell for discharge to the soil column. The discharge is authorized under State Waste Discharge Permit number ST 4507. The facility is applying for coverage under the Statewide General Permit for Biosolids Management as required by Chapter 173-308 WAC, Biosolids Management. Solids are generated during the treatment of wastewater and are contained in a series of lagoons permitted by the Department of Ecology's Water Quality Program. There are no plans to remove solids from the lagoon during the current permitting cycle. In the event that removal becomes necessary during the permit cycle for any reason, solids will either be transferred to a facility permitted to engage in the further treatment of the material or tested to show that the material meets the biosolids quality standards defined in WAC 173-308 and transferred to a permitted biosolids Beneficial Use Facility or applied to land on the Hanford Site. The receiving facility will have met all SEPA requirements prior to receipt of the 100N Sewage Lagoon's solids. Roughly 1,000 tons of treated biosolids may be applied. Biosolids will be treated to meet one of the pathogen reduction alternatives established in WAC 173-308-170, and the vector reduction criteria found in WAC 173-308-180. The applied biosolid will also meet pollution limits established in WAC 173-308-160. If applied to land on the Hanford Site, the biosolids will be beneficially used on the land as a soil amendment in a land reclamation area.

12. Location of proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographical map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any applications related to this checklist. The wastewater treatment facility is located in the 100N area of the Hanford site at latitude 46 deg 40' 8" N and longitude 119 deg 33' 11" W. The Hanford Site, a 586 square mile government-run facility in southeastern Washington State. Given the ongoing cleanup mission of the Hanford Site, there are numerous opportunities onsite for biosolids to be beneficially used as a soil amendment to enhance revegetation efforts. However, since these activities are ongoing, an exact location to apply biosolids from the 100N Sewage Lagoon cannot be determined until there is a need to remove sludge from the system. If it is determined that the biosolids can be applied on the Hanford Site, a site will be selected based on reclamation needs at that time. Because of the size of the Hanford Site, the application site could be within the area encompassed by Township 11 North through 14 North and Range 24 East to 27 East.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (check or circle one): flat, rolling, hilly, steep slopes or mountains. Other: _____

b. What is the steepest slope on the site (approximate percent slope)? The approximate slope of the land is 5 percent.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. Soil types consist mainly of eolian and fluvial sands and gravel. More detailed information concerning specific soil classifications can be found in the Hanford Site National Environmental Policy Act (NEPA) Characterization, PNL 6415, Revision 17, September 2005. Farming is not permitted on the Hanford Facility.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. Biosolids will be tilled into the soil at an agronomic rate at the selected application site(s). No other source of fill.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Biosolids will be applied at reclamation site(s) to enhance revegetation efforts. Therefore, the net impact on erosion in the selected application site(s) will be positive in that increased vegetation will minimize erosion.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? Not applicable. No construction is proposed as part of this project.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: Application sites will have little or no slope and are located in the semiarid climate of southeastern Washington. Use of biosolids as a soil amendment will enhance revegetation efforts and further minimize erosion potential.

2. Air

a. What types of emissions to the air would result from this proposal (i.e. dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Tilling the biosolids into the soil may generate some fugitive dust. There will also be vehicle exhaust emissions from trucks used to transport biosolids to the application site(s), and from machinery used to till the biosolids into the soil.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: Fugitive dust emissions from tilling will be minimized by restricting activities to days where there is little or no wind. Also, if the application area is overly dry, the soil can be wetted prior to biosolid application.

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. **Surface waters at Hanford include the Columbia River (northern and eastern sections), riverbank springs along the river, springs on Rattlesnake Mountain, onsite ponds, and offsite water systems directly east of and across the Columbia River from the Hanford Site. In addition, the Yakima River flows along a short section of the southern border of the Site.**
- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. **Biosolids will not be applied within 200 feet of any surface water.**
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of the fill material. **There would be no dredging or filling from or to surface water or wetlands.**
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **No surface water withdrawals or diversions would be required.**
- 5) Does the proposal lie within a 100 year floodplain? If so, note location on the site plan. **The maximum historic flood of the Columbia River occurred June 7, 1894, with a peak discharge to the area that is now the Hanford Site of 21,000 cubic meters/second. The flood area extended as much as three miles inland along some stretches of the Hanford Reach, flooding areas that now include the 100-H and 100-F reactor areas. The likelihood of recurrence of such large-scale flooding has since been substantially reduced as a result of construction of several ups-stream flood control/water storage dams. The estimated discharge from a regulated 100-year flood for the Columbia River at the Hanford Site under current dam conditions is 12,400 cubic meters/second. This activity is not expected to take place within this 100-year flood plain [Hanford Site National Environmental Policy Act (NEPA) Characterization, PNL 6415, Revision 17, September 2005].**
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. **No.**

b. Ground:

- 1) Will groundwater be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. **No.**

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number such systems, the number of houses to be served (if applicable), or the number animals or humans the system(s) are expected to serve. Biosolids may be applied to the land per the requirements of WAC 173-308. These biosolids will be generated from sludge removed from the bottom of both the aeration and stabilization ponds of the 100-N Lagoon Sewer System. The 100-N Sewer Lagoon System receives domestic sewage from Hanford Facilities, including septage removed from septic systems and holding tanks. The 100-N Lagoon Sewer System has an average input of 10,000 to 15,000 gallons per day. Upon removal, the biosolids will be dried and treated to pathogen reduction and vector attraction reduction criteria of WAC 173-380. Biosolids will also be sampled to ensure that they meet the required biosolid pollutant limits of WAC 173-380. Additionally, biosolids will be applied at agronomic rates to prevent nitrogen overloading.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities if known). Where will this water flow? Will this water flow into other waters? If so, describe. The Hanford Facility receives only an average of 17 centimeters of annual precipitation. Precipitation runs off the existing buildings and seeps into the soil on and near the buildings. This precipitation does not reach the groundwater or surface waters.

2) Could waste material enter ground or surface waters? If so, generally describe. Biosolids will be applied at agronomic rates to minimize impacts to groundwater. Biosolids will not be applied near any surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: Biosolids will be applied in a level area to minimize runoff issues. Biosolids will be tilled into the soil at agronomic rates.

4. Plants

a. Check or circle types of vegetation found on the site: _____

deciduous tree: alder, maple, aspen, other: (Black locust, Russian olive, cottonwood, sycamore, mulberry, and poplar – mostly along river shores and would not be expected to be found at soil reclamation sites where biosolids may be applied.)

evergreen tree: fir, cedar, pine, other: _____

shrubs

grass

pasture

crop or grain

wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other: _____

water plants: water lily, eelgrass, milfoil, other: _____

other types of vegetation: most predominant non-native species are cheat grass, Russian thistle, and tumble mustard

b. What kind and amount of vegetation will be removed or altered? Biosolids will be applied to help reclaim land that has already been damaged. It is expected that application site(s) will be devoid of vegetation. Biosolids will be applied to enhance revegetation process.

c. List threatened or endangered species known to be on or near the site. There are no plants found at the Hanford Site on the Federal threatened or endangered species list. However, the following plants are in listed in Washington State as being either threatened or endangered: Awned halfchaff sedge, Desert doddler, Gevers milk-vetch, Grand redstem, Loefflingia, Lowland toothcup, Persistentsepel yellow cress, Rosy's pussypaws, Umtanum desert buckwheat, White bluffs bladderpod, White eatonella. Additional information on species can be found in Hanford Site National Environmental Policy Act (NEPA) Characterization, PNL 6415 (Revision 17, September 2005).

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Revegetation following biosolid application will be with native plant species.

5. Animals

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site: The following may be found on the Hanford Site but are not likely on sites where biosolids may be applied.

birds: hawk, heron, eagle, songbirds, other: (magpie, robin, junco, owls, partridge, quail, goose, duck, meadowlark, lark, curlew, sparrow, chukar, pheasant, greater sage grouse)

mammals: deer, bear, elk, beaver, other: covote, jack rabbit, bobcat, badger, mice, ground squirrel, vole, porcupine, raccoon, skunk

fish: bass, salmon, trout, herring, shellfish, other: _____

b. List any threatened or endangered species known to be on or near the site. Mammals: There are no federal or Washington State threatened or endangered species on the Hanford Site. Birds: The only threatened or endangered species on the Hanford Site is the bald eagle. The Washington State threatened or endangered birds on the Hanford Site are the American white pelican, bald eagle, ferruginous hawk, sandhill crane and greater sage grouse. In addition, the following birds are on the State endangered and threatened species list: American white pelican, ferruginous hawk, and sandhill crane. Fish: Federal threatened or endangered species are bull trout, spring-run chinook, and steelhead. There are no Washington State threatened or endangered fish on the Hanford Site.

c. Is the site part of a migration route? If so, explain. The Hanford Site is located in the Pacific flyway, and the Hanford Reach serves as a resting place for neotropical migrant birds, migratory waterfowl, and shore birds.

d. Proposed measures to preserve or enhance wildlife, if any: Hanford procedures require completion of an Ecological Resource Compliance Review before initiating any surface or ground disturbing activity. This review will be performed once specific site(s) are identified to ensure that proposed activity does not pose a threat to animals near the proposed site(s).

6. Energy and Natural Resources

a. What kinds of energy (electrical, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. Biosolids will be brought to the site(s) using trucks, and applied to the land using farm-type tilling equipment, both of which consume gasoline or diesel fuel.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None. Energy consumption is not anticipated to be significant for any aspects of this activity, including distribution of biosolids.

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe. All biosolids will be applied per the standards of WAC 173-308, which require that biosolids be treated for pathogen reduction and vector attraction reduction requirements. Additionally, all biosolids will be tested to ensure that they meet required pollutant limits. Applying at agronomic rates will prevent nitrogen overloading in the soil.

1) Describe any emergency services that might be required. Hanford Site security, fire response, and ambulance services are on call at all times in the event of an onsite emergency. Hanford Site emergency services personnel are trained specially to manage a variety of circumstances involving chemical constituents and situations.

2) Propose measures to reduce or control environmental health hazards, if any: None above what will be required to meet WAC 173-308 requirements for biosolids application to the land.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? Minor amounts of noise from traffic and equipment are expected during day shift hours for biosolids distribution activities.

2) What types and levels of noise would be created by or associated with the project on a short-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. The only noise will be engine noise from transport vehicles and tilling equipment.

3) Proposed measures to reduce or control noise impacts, if any: None. Only a minor amount of traffic, operation, and equipment noise would be expected.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? The Hanford Site current mission is cleanup, including the deactivation and decommissioning of many facilities associated with the nuclear weapons mission of the 1950's, 1960's, and 1970's.

b. Has the site been used for agriculture? If so, describe. Before the government established the Hanford Site in 1943, much of the land that is now the Hanford Site was used for agriculture. However, it has not been used for agriculture over the past 50 years.

c. Describe any structures on the site. There are multiple structures on the Hanford Site, but none on any of the specific application sites where biosolids may be applied.

d. Will any structures be demolished? if so, what? No structures would be demolished as a result of the proposed action.

e. What is the current zoning classification of the site? Does not apply. The site is located on Federal lands and as such is not subject to the Growth Management Act (State of Washington land use authority). However, for completeness, the Hanford Site is currently included in the Benton County Comprehensive Plan (June 22, 1998) as the undesignated "Hanford Sub-Area".

f. What is the current comprehensive plan designation of the site? The DOE completed a Comprehensive Land-Use Plan Environmental Impact Statement (DOE/EIS-0222-F), September 1999 and a Record of Decision was issued (64 FR 61615, November 12, 1999). The purpose of this land use plan and its implementing policies and procedures is to facilitate decision-making about the Hanford Site's uses and facilities over at least the next 50 years. The DOE Preferred Alternative addresses future and existing use. Proposed future uses include nine land-use designations defining permissible uses of the Hanford Site. Biosolids would be applied consistent with the land use plan.

g. If applicable, what is the current shoreline master program designation of the site? Not applicable.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. The Arid Land Ecology Reserve along Rattlesnake Mountain and much of river shore area along the Hanford Reach are designated as a National Monument and are protected land under U.S. Fish and Wildlife management. No biosolids would be applied in an environmentally sensitive area.

i. Approximately how many people would reside or work in the completed project? None. Up to five people could be expected to work at the application site during biosolids application activities.

j. Approximately how many people would the completed project displace? None.

k. Proposed measures to avoid or reduce displacement impacts, if any: None.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: The proposal will be consistent with the Final Hanford Comprehensive Land-Use Plan Environmental Impact Statement (DOE/EIS-0222-F) and ROD (64 FR 61615, November 12, 1999).

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing. None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. None.

c. Proposed measures to reduce or control housing impacts, if any: None.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? Does not apply. No new structures are being proposed.

b. What views in the immediate vicinity would be altered or obstructed? None.

c. Proposed measures to reduce or control aesthetic impacts, if any: None.

11. Light and Glare

a. What kind of light or glare will the proposal produce? What time of day would it mainly occur? None.

b. Could light or glare from the finished project be a safety hazard or interfere with views? No.

c. What existing off-site sources of light or glare may affect your proposal? None.

d. Proposed measures to reduce or control light and glare impacts, if any: None.

12. Recreation

a. What designated and informal recreation opportunities are in the immediate vicinity? None.

b. Would the proposed project displace any existing recreational uses? If so, describe. No.

c. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any: None.

13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. There are over 1,000 cultural resource sites and isolated finds, and 531 buildings and structures have been documented since 1926 on the Hanford Site. The National Register of Historic Places includes 49 archaeological sites. Except for B-Reactor, the other listed sites are associated with the Native American landscape and most of these are part of six archaeological districts. Eleven individual archaeological sites and three historic districts have been determined eligible for listing. In addition, 47 of Hanford's cultural resource sites are listed in Washington's Heritage Register. These are associated with the Native American cultural landscape and are located predominantly along the Columbia River. Additional information can be found in the Hanford Site National Environmental Policy Act (NEPA) Characterization, PNL 6415, Revision 17, September 2005.

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site? If so, generally describe. Cultural and historic resources include many sacred Native American Landmarks, such as Rattlesnake Mountain, Gable Mountain, Gable Butte, Goose Egg Hill, and various locations along and including the Columbia River. Archaeological sites include evidence of human inhabitation of these region since the end of the last glacial period, including gravesites, living quarters, and hunting artifacts. Historical artifacts include an assortment of farmsteads, corrals, and dumps of pre-Hanford vintage. Also many of the early Hanford buildings and structures are considered historic resources documenting the Manhattan Project and Cold War eras.

c. Proposed measures to reduce or control impacts, if any: Hanford procedures require a Cultural Resource Compliance review before initiating any surface or ground disturbing activities. This review will be performed once specific site(s) to apply biosolids are identified to ensure the protection of any historic and cultural resources in the immediate area.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans if any. Access to the Hanford Site is restricted for the general public. There are two site access gates from Highway 240 along the eastern border of the Site (Yakima and Rattlesnake Barricades), and one access gate in the southern region of the site (Wye Barricade) that can be either accessed from Route 10 (from Highway 240) or Route 4 South (heading north out of the City of Richland).

b. Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? No. The distance to the nearest public transit stop from the 100 N Area is approximately 50 kilometers, located at Washington State University Tri-Cities.

c. How many parking spaces would the completed project have? How many would the project eliminate? Does not apply.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). No.
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. No.
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. Up to 1,000 tons of biosolids could be generated at the 100-N Sewage Lagoon, which will need to be transported to the selected application site(s). Assuming 10-15 tons/trip, there is a potential for up to 90 trips over a several week period to deliver biosolids to the application site(s).
- g. Proposed measures to reduce or control transportation impacts, if any: This volume of traffic would not be significant to standard Hanford traffic volumes.

15. Public Services

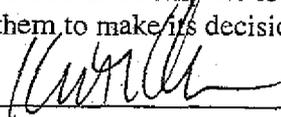
- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No.
- b. Proposed measures to reduce or control direct impacts on public services, if any. None.

16. Utilities

- a. Check or circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other: Does not apply.
Hanford Site is serviced by electricity, water, refuse services, telephone, sanitary sewers, and septic systems; however, if biosolids are applied on the Hanford Site, the specific biosolid application location will have no utility services.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. No utilities are proposed for this activity.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date Submitted: FEB 21, 2006

Tri-City Herald

O. BOX 2608
ASCO, WASHINGTON 99302-2608
PHONE (509) 582-1500

DATE: 20060421 LEGAL NO. 5507

ACCOUNT NO: 91294

DESCRIPTION: #5507 DNS 100-N Sewage La

TIMES: 2 INCHES: 10.08

OLD TO: WASHINGTON CLOSURE HANFORD
3070 GEORGE WASH WAY
Richland WA 99352

TOTAL \$305.10

NOTICE: This is an invoice for legal advertising space. Please pay from this invoice as no statement will be rendered. Please detach at perforation and return with payment.

AFFIDAVIT OF PUBLICATION

COUNTY OF BENTON
SS.
STATE OF WASHINGTON

Vickie Safford, being duly sworn, deposes and says, I am the Legal Clerk of the Tri-City Herald, a daily newspaper. That said newspaper is a local newspaper and has been approved as a legal newspaper by order of the superior court in the county in which it is published and it is now and has been for more than six months prior to the date of the publication hereinafter referred to, published continually as a daily newspaper in Benton County, Washington. That the attached is a true copy of a/an #5507 DNS 100-N Sewage as it was printed in the regular and entire issue of the Tri-City Herald and not in a supplement thereof, ran 2 time(s), commencing on 20060413, and ending on 20060421, and that said newspaper was regularly distributed to its subscribers during all of this period.

Vickie Safford

SUBSCRIBED AND SWORN BEFORE ME THIS 24

DAY OF April, 2006

Carole Cimrhakl

Notary public in and for the State
of Washington, residing at Kennewick

COMMISSION EXPIRES 20070302



ADVERTISEMENT FOR BIDS
 Sealed bid proposals will be accepted for the following project:
PROJECT NO.: 2006-158 G (1-1)
TITLE: Hawk Union Building Remodel Phase 2
AGENCY: E&AS for Columbia Basin Community College
PROJECT MANAGER: David M. Combs
ESTIMATED BASE BID COST RANGE: \$150,000.00 to \$200,000.00
SUBMITTAL TIME/DATE/LOCATION: Prior to 3:00 P.M., Wednesday, May 17, 2006
 Columbia Basin Community College Administrative Conference Room
 2600 N. 20th Avenue, Pasco, WA 99301
 Public Bid Opening will commence at approximately 3:05 P.M. at the same location.
BY: Department of General Administration
 Division of Facilities, Engineering & Architectural Services
PRE-BID WALK-THROUGH: 3:00 P.M., Wednesday, May 10, 2006 in the Hawk Union Building located at Columbia Basin Community College. For directions to the site of the pre-bid walk-through, please contact the Consultant listed below.
 Contractors may obtain plans and specifications from the Consultant, SCM Consultants, Inc., 7601 W. Clearwater Avenue, Suite 301, Kennewick, WA 99336, telephone (509) 783-1625, fax (509) 783-1861 upon the deposit of \$100.00. Plans must be returned in good condition within seven (7) days following bid date to obtain a refund of deposit. After seven days no refunds will be made. To view drawings and specifications on the internet, go to <https://servlet.wa.gov/ga/inet/servlet/EASBidCalSv>. Plans may also be viewed at the following locations: Associated Builders & Contractors, Inc., Spokane; Associated General Contractors, Spokane; Walla Walla Valley Plan Center, Walla Walla; Builders Exchange of Washington, Everett; Tri-City Plan Center, Kennewick; Valley Plan Center, Kent.
 Please direct questions regarding this project to the office of the Consultant, attention Mike Brightman, e-mail mikeb@scm-ae.com. Within 24 hours following the bid opening, results will be available on E&A Services web site at <https://fortress.wa.gov/ga/inet/servlet/EASBidResSv>, or by calling E&A Services at (360) 902-7272 to receive a fax copy.
 Bidder Responsibility will be evaluated for this project. In determining bidder responsibility, the Owner shall consider an over all accounting of the criteria set forth in DIVISION 00 RESPONSIBILITY CRITERIA. Please direct questions regarding this subject to the office of the Consultant.
 Voluntary numerical MWBE goals of 10% MBE and 5% WBE have been established for this project. Achievement of the goals is encouraged. Bidders may contact the Office of Minority and Women's Business Enterprise to obtain information on certified firms. The State reserves the right to accept or reject any or all proposals and to waive informalities.
STATE OF WASHINGTON

**DEPARTMENT OF GENERAL ADMINISTRATION
 DIVISION OF FACILITIES,
 ENGINEERING & ARCHITECTURAL SERVICES**
 #5526 4/14,21

**BENTON COUNTY
 GROWTH MANAGEMENT
 PLANNING**

**NOTICE OF ADOPTION
 NOTICE IS HEREBY
 GIVEN pursuant to RCW
 36.70A.290, that the Board
 of Commissioners of Benton
 County, Washington, did
 adopt on April 17, 2006,
 Resolution 06-217, relating
 to the County's seven year
 Compliance Review and
 Update of the Comprehensive
 Plan and development
 regulations as mandated by
 RCW36.70A.130(4). The
 Resolution includes findings
 that compliance review
 and evaluation has occurred
 and a Scope of Work to
 undertake necessary
 revisions (if any) to the
 Plan and regulations where
 necessary for compliance;
 and a statement of reasons
 why revisions for compliance
 items that are listed on
 the checklists are not
 needed (if any are not
 needed).**

Copies of the above Resolution is available at no charge at the Benton County Planning Annex, 1002 Dudley, in Prosser; or may be received by mail at no charge by calling Susan Walker, Associate Planner, at 783-1310 ext. 5612 (Tri-Cities) or 786-5612, in Prosser. Copies are also available for viewing on the county's internet site at www.co.benton.wa.us/2006update.htm.
**TERRY A. MARDEN, Planning Director
 BENTON COUNTY
 PLANNING/BUILDING
 DEPT.
 PUBLISH DATE: Friday
 April 21st, 2006
 #5548 4/21**

**IN THE SUPERIOR
 COURT OF THE STATE
 OF WASHINGTON
 IN AND FOR THE
 COUNTY OF BENTON**

**IN THE MATTER OF THE
 ESTATE OF
 SYDNEY M. RICHARDS,
 Deceased.**
 No. 06-4-00092-1

NOTICE TO CREDITORS
 The personal representative named below has been appointed as personal representative of this estate. Any person having a claim against the decedent must, before the time the claim would be barred by any otherwise applicable statute of limitations, present the claim in the manner as provided in RCW 11.40.070 by serving on or mailing to the personal representative or the personal representative's attorney at the address stated below a copy of the claim and filing the original of the claim with the court in which the probate proceedings were commenced. The claim must be presented within the latter of: (1) Thirty days after the personal representative served or mailed the notice to the creditor as provided under RCW 11.40.020(1)(c); or (2) four months after the date of first publication of the notice. If the claim is not presented within this time frame, the claim is forever barred, except as otherwise provided in RCW 11.40.051 and 11.40.060. This bar is effective as to claim against both the decedent's probate and nonprobate assets.
**DATE OF FILING WITH
 CLERK OF COURT:** April 18, 2006.
DATE OF FIRST PUBLICATION: April 21, 2006.
DATED this 24 day of March, 2006.
**/s/ ROBIN M. MADISON,
 Personal Representative**

RETTIG OSBORNE FORGETTE, LLP
 By: /s/ STEPHEN T. OSBORNE; WSBA #5305
 Attorneys for Estate
 #5549 4/21,28,5/5

**IN THE SUPERIOR
 COURT OF THE STATE
 OF WASHINGTON
 IN AND FOR THE
 COUNTY OF BENTON
 SHERIFF'S NOTICE
 OF SALE OF
 REAL PROPERTY**
 Cause # 05-2-01576-1
 Civil Docket # 06000454
**PLAINTIFF: PERFECT
 CIRCLE
 CONSTRUCTION, INC., A
 WASHINGTON CORPORATION**
 vs:
**DEFENDANT(S): STEVE R
 BLAIR AND JANE DOE
 BLAIR, HUSBAND AND
 WIFE, AND THE MARITAL
 COMMUNITY COMPOSED
 THEREOF**
 Judgment Rendered on: 08/31/2005
 Date of Levy: 04/07/2006
**TO: STEVE R. BLAIR AND
 JANE DOE BLAIR, HUSBAND
 AND WIFE, AND THE MARITAL
 COMMUNITY COMPOSED
 THEREOF**
 The Superior Court of Benton County has directed the undersigned Sheriff of Benton County to sell the property described below to satisfy a judgment in the above-entitled action. The property to be sold is described at the end of this notice.
 The sale of the above described property is to take place:
 Time: 10:00 am
 Date: May 12, 2006
 Place: BENTON COUNTY COURTHOUSE
 Market Street Entrance to Sheriff's Office
 620 Market Street
 Prosser, WA.
 The judgment debtor can avoid the sale by paying the judgment amount of \$7,246.39, together with interest, costs, and fees, before the sale date. For the exact amount, contact the Sheriff at the address stated below.
 Dated at Kennewick, Washington, this April 7, 2006.
**LARRY D. TAYLOR
 Sheriff of Benton County,
 Washington**
 By /s/ Marsha Hari - Civil Lieutenant
Description of Real Estate:
 The real property located at 427 SOUTH UNION, Kennewick, Washington, and legally described as: Lot 3, SWITZER'S SUB-DIVISION, according to the Plat recorded in Volume 4 of Plate, Page 78, records of Benton County, Washington.
**Parcel
 10389307000003427
 #5496 4/14,21,28,5/5**

**LEGAL NOTICE
 NOTICE OF
 DETERMINATION OF
 NONSIGNIFICANCE AND
 APPLICATION FOR
 COVERAGE UNDER THE
 STATEWIDE GENERAL
 PERMIT FOR BIOSOLIDS
 MANAGEMENT**
 Notice is hereby given that 100-N Sewage Lagoon at the Department of Ecology's Hanford Site is applying to the Washington State Department of Ecology (Ecology) for coverage under the statewide General Permit for Biosolids Management.
 Biosolids produced at these facilities shall all be managed in accordance with WAC 173-308. 100-N Sewage Lagoon biosolids are stored in lagoons without specific plans for removal at this time.
 Ecology issued a Determination of Nonsignificance (DNS) on March 27, 2006, for the proposal described in this notice. After review of a completed Environmental Checklist and

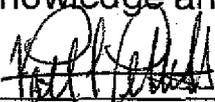
other information on file, Ecology has determined this proposal will not have a probable significant adverse impact on the environment. Copies of the DNS and the completed Environmental Checklist are available from Peter Severson at the address below. Persons wishing to comment on the DNS should direct written comments to Peter Severson at the address below no later than May 23, 2006. Any persons wishing to comment on the Application for Coverage or desiring to present their views regarding the Application for Coverage to the Department of Ecology or its delegated representative must do so, in writing, no later than May 23, 2006. Comments should be addressed to Peter Severson at the address below. Any person wishing to request a public hearing or meeting regarding this proposal must direct a written request to Peter Severson at the address below no later than May 23, 2006. If you wish to be included on an interested parties list to receive notification of activities relating to this project, please notify, in writing, Lynette Bennett at the address below. Lynette Bennett will provide written confirmation by certified mail, return receipt requested, to each interested person or organization that their name has been placed on the list.
NOTE: Be sure that comments on the DNS are directed to Darlene Frye, the Responsible State Environmental Policy Act (SEPA) Official, and that comments on the permit application are directed to Peter Severson, the Department of Ecology representative.
 Contact persons to receive questions and comments and requests are:
 Darlene Frye
 SEPA Official
 15 West Yakima Avenue
 Yakima, WA 98902
 (509) 457-7123
 Peter Severson
 Department of Ecology
 15 West Yakima Ave
 Yakima, WA 98902
 (509) 575-2605
 DJ Ortiz
 Department of Energy
 PO Box 550
 Richland, WA 99352
 (509) 376-0950
 Lynette Bennett
 Washington Closure Hanford
 3070 George Washington Way
 Richland, WA 99354
 (509) 631-6974
 #5507 4/13,21

Loan No: 8785255962 T.D.
 No. 8652 AMENDED NOTICE OF TRUSTEE'S SALE Pursuant to the Revised Code of Washington Chapter 61.24 et seq. This notice replaces any previous NOTICE OF TRUSTEE'S SALE affecting the same Deed of Trust. TO: Richard J. Kerkof and Linda Marie Kerkof, husband and wife. NOTICE IS HEREBY GIVEN THAT the undersigned Trustee, T.D. Escrow Services Inc., DBA T.D. Service Company, will on the 5th day of May at the hour of 10:00 am, at Franklin County Courthouse, inside main lobby 1016 N. 4th Ave, Pasco, WA, State of Washington, sell at public auction to the highest and best bidder, payable at the time of the sale, the following described real property, situated in the County of Franklin, State of Washington, to wit: (Tax Parcel No: 119-552-502) Lot 3 of short plat No. 7E-13, according to the survey thereof recorded under auditor's file No. 380765, records of Franklin County, Washington. Amended Notice of Trustee's Sale recorded

8.6.06/2.005 as 1664220 (also known as: 5107 W 1 St., Pasco, WA 993 which is subject to the Deed of Trust 09/25/2000, rec'd 09/29/2000, under tor's File No. 158 records of Franklin C WASHINGTON, from ard J. Kerkof and Marie Kerkof, husband wife as Grantor, to American Title as to secure an obligation favor of Old Kent Mo Company DBA N Financial Service Beneficiary. The ba interest was thereaf signed under Audito 1642925 to The B New York Acting as its capacity as Trust EQCC Trust 2001-2 action commenced Beneficiary of the Trust is now pending seek satisfaction of litigation in any Court son of the Borrow Grantor's default on litigation secured Deed of Trust. III. fault(s) for which foreclosure is mad as follows: Failure when due the amounts which are arrears: 7 Paym \$1,041.00 from 08/ \$7,287.00 RECOV CORPORATE AT \$1,595.99 AGI LATE CHARGES TOTAL FEES \$102 FEES \$50.00 \$9,124.66. IV. T owing on the oblig cured by the Deed is principal \$98,0 together with interest vided in the nota instrument secur July 01, 2005 e other costs and fe due under the not instrument secur are provided by e The above descd property will be s istry the expense and the obligation by the Deed of provided by sta sale will be mat warranty, expre d possession, or branches on May The default(s) re paragraph III must by April 24, 200 before the sale cause a discount the sale. The s discontinued a nated if at any before April 24, days before the the default(s) as paragraph III is and the Trustee's costs are paid, may be termi time after April 2 days before the and before the Borrower, or th Guarantor, or th any recorded j encumbrance entire principle secured by th Trust, plus cost advances, if pursuant to the obligation and/ Trust, and cur defaults. VI. A lice of Default smitted by the or Trustee to t and Grantor at address: Richa 5107 W. Nixon WA 99301, J Kerkof, 5107 Pasco, WA occupant 5107 Pasco, WA Si first class and on March 18, of which is in sion of the tru Borrower and personally ser 17, 2004 with Notice of De written Notic was a p c e l conspicuous i real property paragraph I el Trustee has f

CERTIFICATION STATEMENT
Application for Coverage Under the Statewide General Permit for
Biosolids Management

The Application for Coverage Under the Statewide General Permit for Biosolids Management and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



P. L. Pettiette
President & Project Manager
Washington Closure Hanford LLC

5-30-06

Date