



DETERMINATION OF NONSIGNIFICANCE

Description of proposal: Spokane River Metals Remediation Projects
Island Complex and Murray Road Sites

Proponent: Washington State Department of Ecology

Location of proposal, including street address if any:

Island Complex - near 26700 East Spokane Bridge Road, Liberty Lake, WA 99019
Murray Road - near 24700 East River Road, Otis Orchards, WA 99027

Lead agency: Washington State Department of Ecology

The lead agency for this proposal has determined that it does not have a probable significant 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.

- There is no comment period for this DNS.
- This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.
- This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by July 6, 2007

Responsible official: Flora Goldstein

Position/title: Section Manager

Address: 4601 N. Monroe, Spokane WA 99205 **Phone:** 509/329-3568

Date: June 6, 2007 **Signature**

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist

The State Environmental Policy Act (SEPA), chapter 43.21C 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 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 questions 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 provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

Spokane River Metals Remediation Projects

1. **Island Complex**
2. **Murray Road**

2. Name of applicant: **Washington Department of Ecology**

3. Address and phone number of applicant and contact person:

Zach Hedgpeth, P.E.

Washington Department of Ecology

Toxics Cleanup Program

4601 North Monroe

Spokane, WA 99205

509/329-3484

4. Date checklist prepared: **May 25, 2007**

5. Agency requesting checklist: **Washington Department of Ecology**

6. Proposed timing or schedule (including phasing, if applicable):

Construction Schedules

1. *Island Complex – late summer 2007*
2. *Murray Road – late summer 2007*

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.

Record of Decision – The Bunker Hill Mining and Metallurgical Complex, Operable Unit 3. U.S. Environmental Protection Agency, September 2002. Overall cleanup decision document governing all eight Spokane River shoreline sites.

WA Recreational Sites: Starr Road and Island Complex, Final Field Sampling Report, EPA and U.S. Army Corps of Engineers, January 7, 2005. Surface soil metals sampling results.

Sampling and Testing Report – Murray Road Shoreline Area, Washington Department of Ecology, December 2006. Surface soil metals sampling results.

Remedial Design Work Plan – Spokane River Metals Sites: Island Complex, Murray Road and Harvard Road, Washington Department of Ecology, December 2006. General remedial project information for the three sites listed, including basic site information (location, usage, ownership, setting, background), project organization, remedial objectives, design process and deliverables, and applicable or relevant and appropriate requirements (ARARs).

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.

Joint Aquatic Resources Permit application (JARPA) will be submitted during the spring of 2007 to the U.S. Army Corps of Engineers (USACE) for approval under the Nationwide 38 permit program.

Substantive requirements project review process will be conducted with the appropriate state and local agencies to ensure substantive compliance with applicable state and local regulations. Agencies consulted are expected to include Washington Department of Fish & Wildlife (WDFW), Spokane County (shorelines), City of Spokane Valley (shorelines).

Compliance with cultural resources protection laws, regulations, and policies as determined by the appropriate agency or organization. This includes correspondence with Washington State Department of Historic Preservation (DAHP), Spokane Tribe of Indians and Coeur d'Alene Tribe of Indians.

Property access agreements as appropriate, including with the Washington State Department of Parks & Recreation (State Parks) and Washington Department of Natural Resources (DNR).

10. List any government approvals or permits that will be needed for your proposal, if known.

The only formal permit required for these projects will be the Nationwide 38 issued by the USACE.

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 agencies may modify this form to include additional specific information on project description.)

Island Complex

Project Description – *The primary goals of the project are bank stabilization and isolation of the contaminants. The project consists of two main areas, termed the “chevron” and the “back channel”. The section of bank composing the chevron is approximately 300 feet in length, and will be stabilized using a multi-layered soil cover. The materials used will include 4-6 inch quarry spalls and 3-inch minus rounded river gravels in addition to a coir-wrap bioengineered approach. The transition from the soil cover on the lower portions of the bank to the bioengineered upper bank will occur approximately at the ordinary high water line. At the back channel, the project is composed entirely of biological stabilization approaches, specifically the planting of trees and shrubs. Rooted cuttings of drought tolerant tree species (i.e. coyote willow) will be planted along the bank, some below the ordinary high water line. Native shrub species such as douglas hawthorn will be planted near the top of the bank, generally above the ordinary high water line. The project will also include construction of a crushed gravel foot-trail through the upland portions of the Island and installation of trail signage and markers etc.*

Approximate Project Area – 1 acre

Murray Road

Project Description – *The primary goal of the project is isolation of the contaminants. A 1-foot thick sand and gravel cover will be constructed over approximately 1.5 acres of the backwater area. Additionally, a small (<0.25 acre) beach location at the site will also be covered. Although the Murray Road site is not currently used for trout spawning (according to WDFW biologists), the primary material used to construct the cover will be a mix of native riverine sands and gravels designed to encourage spawning in appropriate portions of the site. The soil cover will be placed around substantial existing woody vegetation in order to preserve vegetation where possible. In the upland portions of the site, an additional layer of fine sand and topsoil mix of approximately 6-inch thickness will overlie the sand and gravel cover and be seeded with native grasses as part of the project. The only work occurring below the ordinary high water line will be construction of the cover composed of spawning mix developed in cooperation with WDFW staff. The project will also include construction of a crushed gravel foot-trail from a nearby vehicle pullout to direct recreational users to the project area.*

Approximate Project Area – 4 acres

12. Location of the 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 topographic 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 permit applications related to this checklist

See vicinity map (Attachment A) and individual site location maps (Attachment B) for all sites.

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B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

Spokane River shoreline areas

b. What is the steepest slope on the site (approximate percent slope)?

20-30% on cut banks

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

- 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

sand and gravels

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe

on cut banks

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

All fill materials will be natural sands and gravels with the exception of the quarried stone used for bank stabilization at Island Complex. At all sites, the purpose of the fill materials is to isolate and contain the native shoreline soils and sediments containing high levels of heavy metals. Local sources for all fill material will be used. Approximate total quantities of fill for each project are provided below.

**Island Complex: 200 yd³
Murray Road: 2,000 yd³**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe

None of the projects involve significant clearing or permanent construction. Care has been taken during design development and will be taken during construction to minimize disturbance to existing vegetation at each project location. In all cases where material is being moved (whether from excavation or cover construction) care will be taken to implement appropriate erosion control measures.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

0%

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Long term erosion control and isolation of existing shoreline soils is one of the project goals. Construction erosion best management practices will be employed as appropriate for erosion control.

a Air

- a. What types of emissions to the air would result from the 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.

Dust from truck and vehicle traffic and internal combustion engine emissions from equipment and vehicle operation.

- 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:

Watering of roadways and other areas as appropriate to minimize dust emissions.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

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.

Spokane River

- 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.

Yes. See project descriptions as provided. The majority of the capping and bank stabilization work will occur within 200 feet of the Spokane River shoreline.

- 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 fill material.

No wetlands are located within the project areas. Fill materials will be placed for capping and/or bank stabilization purposes at both sites. Estimated volumes of fill to be placed are included above.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Yes – all sites in their entirety. See attachments for project locations.

- 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 ground water be withdrawn, or will water be discharged to ground water? 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 of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

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EVALUATION FOR
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c Water runoff (including stormwater):

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.

Stormwater only – natural, vegetated surfaces as currently found onsite.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Stormwater BMPs (i.e. silt fence) will be implemented as mentioned.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Same.

4 Plants

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

_____ deciduous tree: alder, maple, aspen, other

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

_____ **shrubs**

_____ **grass**

_____ pasture

_____ crop or grain

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

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

_____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Island Complex – Minimal vegetation removal will occur near the top of the project bank in order to install the bioengineered bank stabilization. Woody vegetation and substantial existing groundcover will be preserved to the extent possible.

Murray Road – Small woody vegetation will be removed and grasses will be covered within the project cap area. The cap will be placed around larger woody vegetation (trees and bushes) in order to preserve them.

c. List threatened or endangered species known to be on or near the site.

A biological evaluation was performed by the U.S. Army Corps of Engineers in 2005 for the Starr Road remediation project. Starr Road is located just across the river from Island Complex and approximately 1 mile upstream from Murray Road. This evaluation determined that the project would have no effect on the following species that may exist within the vicinity of the project site:

*Grizzly Bear (Ursus arctos horribilis) – Threatened
Gray Wolf (Canus lupus) – Endangered
Canada Lynx (Lynx Canadensis) – Threatened
Bald Eagle (Haliaeetus leucocephalus) – Threatened
Water Howellia (Howellia aquatilis) – Threatened
Ute ladies'-tresses (Spiranthes diluvialis) - Threatened*

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Bioengineering including installation of a significant quantity and variety of native plants will be performed at Island Complex. All remaining projects may involve limited native plantings and/or native grass hydroseeding.

5 Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk**, heron, **eagle**, **songbirds**, other:
mammals: **deer**, bear, elk, **beaver**, other:
fish: bass, salmon, **trout**, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

See above.

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c. Is the site part of a migration route? If so, explain.

Unknown.

d. Proposed measures to preserve or enhance wildlife, if any:

At Island Complex, design of the bank stabilization work has been coordinated with staff from Washington Department of Fish and Wildlife to avoid impacts to existing trout spawning habitat. Enhancement of native riparian vegetation will enhance upland habitat at the site.

At Murray Road, cap materials in appropriate areas will be composed of materials suitable for trout spawning in an effort to create suitable spawning habitat where none presently exists.

6. Energy and natural resources

a. What kinds of energy (electric, 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.

Diesel, gasoline and electricity for onsite construction equipment.

- 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

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.

Potential exposure of workers to heavy metals (lead, arsenic) in surface soils. Contractor will be required to be HAZWOPER trained and to develop a construction Health and Safety Plan prior to beginning work. Contractor will be required to develop appropriate spill prevention and preparedness measures prior to construction.

- 1) Describe special emergency services that might be required.

None

- 2) Proposed measures to reduce or control environmental health hazards, if any:

Measures to avoid ingestion of onsite soils. Watering or other dust suppression as necessary to minimize wind-blown dust.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Existing traffic noise at most sites.

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

Construction equipment noise on a short term basis at each site (1-2 months) during daylight hours. It is anticipated that construction will occur 8-10 hours per day 5-6 days per week.

3) Proposed measures to reduce or control noise impacts, if any:

N/A other than short project duration.

8 Land and shoreline use

a. What is the current use of the site and adjacent properties?

Publicly owned natural shoreline area.

b. Has the site been used for agriculture? If so, describe.

No.

c. Describe any structures on the site.

None.

d. Will any structures be demolished? If so, what?

No.

e. What is the current zoning classification of the site?

Rural Conservation and/or Urban Reserve (all sites)

f. What is the current comprehensive plan designation of the site?

Rural Pastoral and/or Conservancy (all sites)

g. If applicable, what is the current shoreline master program designation of the site?

Rural Pastoral and/or Conservancy (all sites)

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Unknown.

i. Approximately how many people would reside or work in the completed project?

None. Site is for public recreational use.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

None.

- 1 Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The purpose of each project is to protect human health and the environment by isolating contaminated shoreline sediments. The resulting impact of the project work will be to enhance the recreational value of this public open space.

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?

No structures will be built.

- 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 type 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.

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12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

Project locations are public open space located along the shoreline of the Spokane River. Each site is currently used by the public for many forms of outdoor recreation, including hiking, swimming, fishing, etc.

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 recreation opportunities to be provided by the project or applicant, if any:

During construction, each site will be closed to all users for safety reasons. At several sites, the work will be visible from portions of the Centennial Trail. Due to the proximity to the Centennial Trail, use of flaggers and/or temporary closure of short sections of the trail may be necessary. The long-term impact of all projects will be enhancement of recreational use at these locations.

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

Cultural Resource Surveys of all locations have been performed by independent, licensed archaeological contractors. Design of the remediation work has been tailored carefully to avoid identified cultural resources. In addition to the Cultural Resource Surveys, Ecology has developed a draft protocol to guide the response process in the event that cultural resources are discovered during construction.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site

See above mentioned Cultural Resource Surveys for detailed data. Survey results indicate that this series of cleanup projects may be carried forward in a manner that will minimize impacts to cultural resources through avoidance.

c. Proposed measures to reduce or control impacts, if any:

Avoidance – see above.

14. Transportation

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.

*Island Complex – planned access will be via East Appleway Lane and North Spokane Bridge Road to Interstate 90.
Murray Road – planned access will be via River Road, Wellesley Avenue, and Interstate 90.*

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None.

- 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.

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AGENCY USE ONLY

- 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

None.

- g. Proposed measures to reduce or control transportation impacts, if any:

None.

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 Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other

None.

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

None – all project utility needs will be temporary.

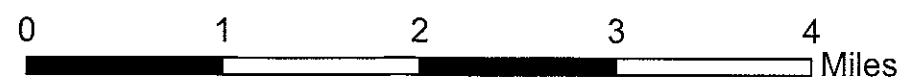
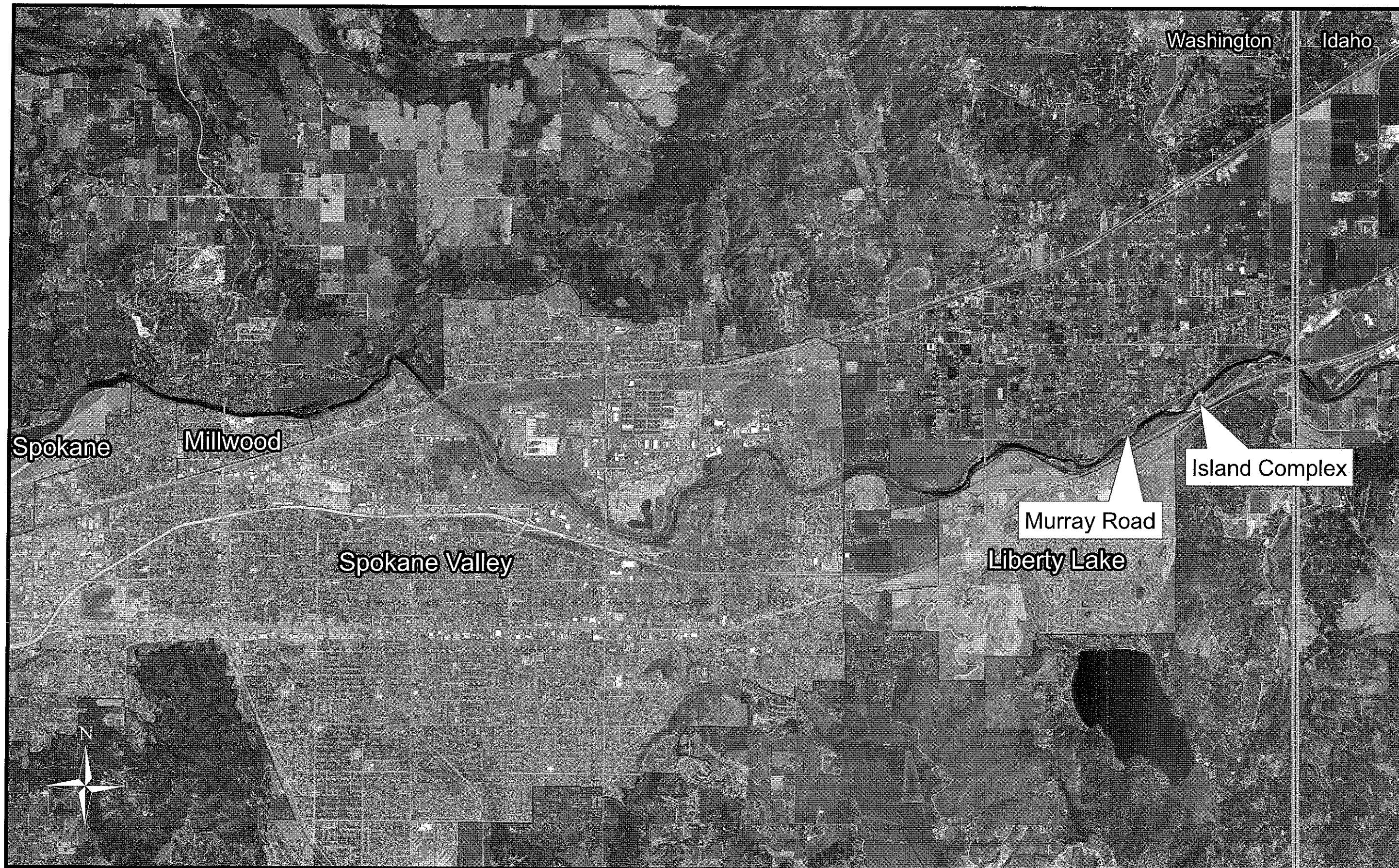
C. SIGNATURE

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

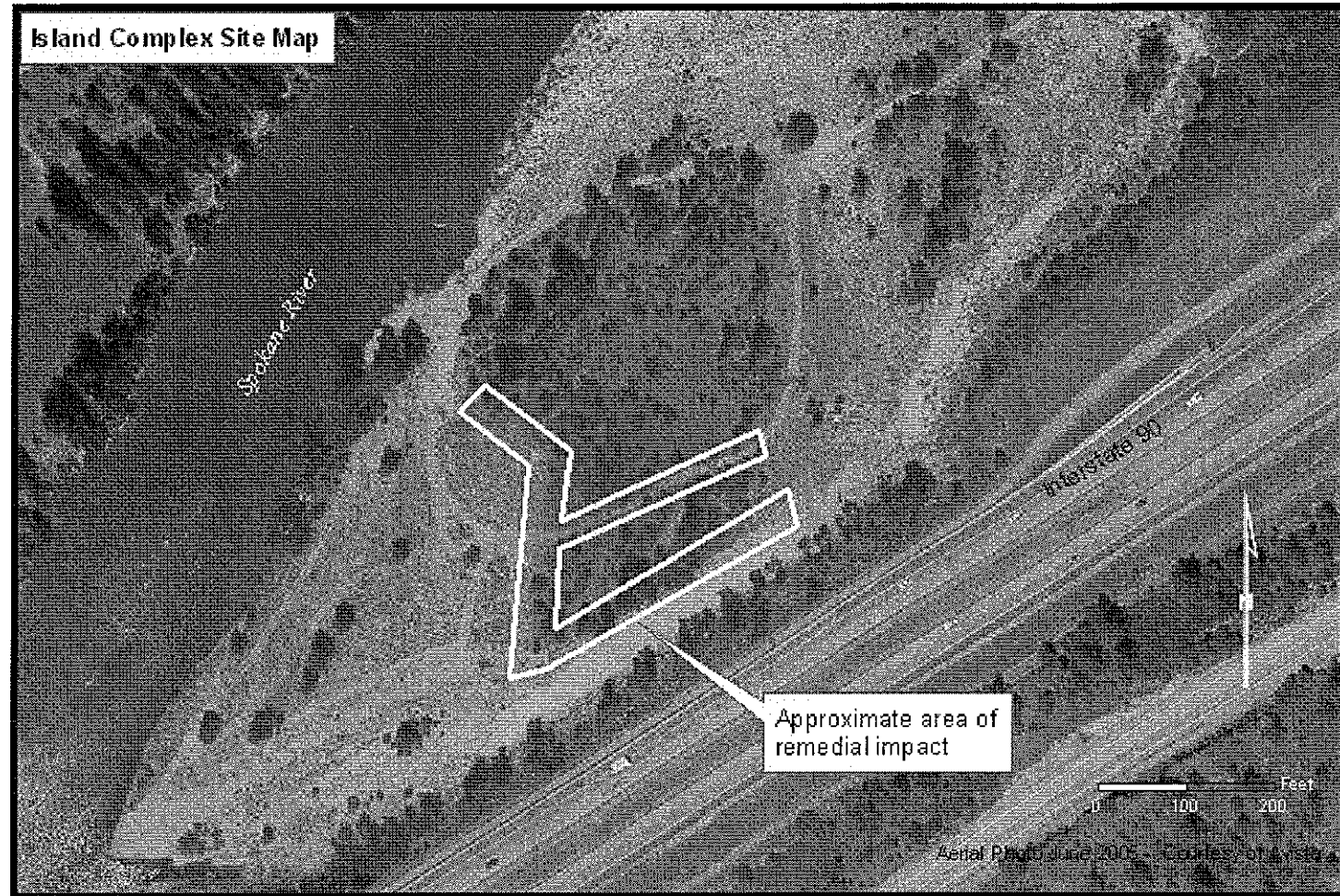
Signature: Zachary J. Hedguit

Date Submitted: 6-1-87

Attachment A - Ecology Spokane River Sites

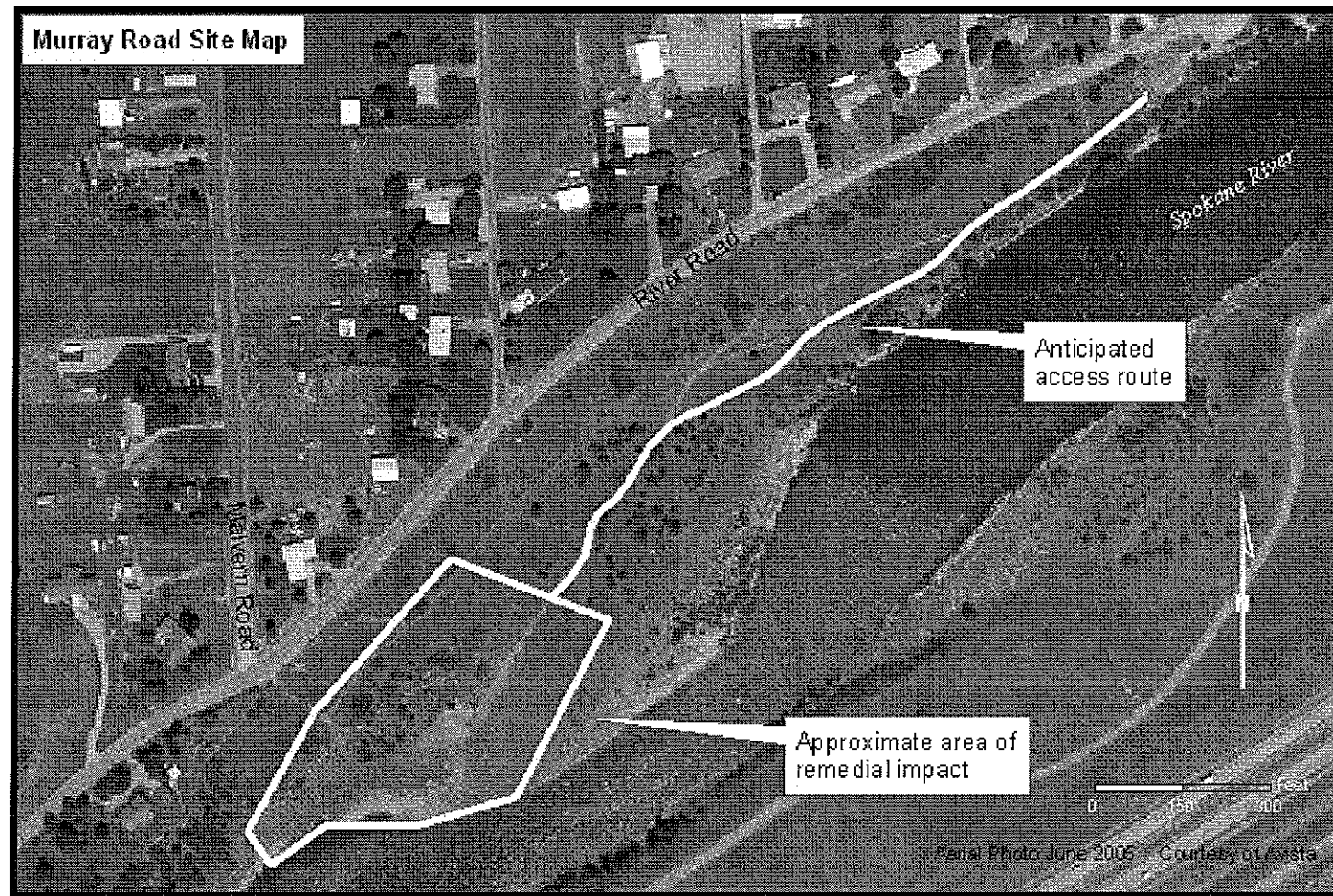


Attachment B – Individual Site Maps & Information



Island Complex

- Located within the SW ¼'s of Section 1, Township 25 North, Range 45 East of the Willamette Meridian (EWM)
- Near 26700 East Spokane Bridge Road, Liberty Lake, WA 99019.
- Approximate area of remedial impact is 1 acre.
- Project Description – The primary goals of the project are bank stabilization and isolation of the contaminants. The project consists of two main areas, termed the “chevron” and the “back channel”. The section of bank composing the chevron is approximately 300 feet in length, and will be stabilized using a multi-layered soil cover. The materials used will include 4-6 inch quarry spalls and 3-inch minus rounded river gravels in addition to a coir-wrap bioengineered approach. The transition from the soil cover on the lower portions of the bank to the bioengineered upper bank will occur approximately at the ordinary high water line. At the back channel, the project is composed entirely of biological stabilization approaches, specifically the planting of trees and shrubs. Rooted cuttings of drought tolerant tree species (i.e. coyote willow) will be planted along the bank, some below the ordinary high water line. Native shrub species such as douglas hawthorn will be planted near the top of the bank, generally above the ordinary high water line. The project will also include construction of a crushed gravel foot-trail through the upland portions of the Island and installation of trail signage and markers etc.



Murray Road

- Located within the SE and SW $\frac{1}{4}$'s of Section 2, Township 25 North, Range 45 East of the Willamette Meridian (EWM).
- Near 24700 East River Road, Otis Orchards, WA 99027.
- Approximate area of remedial impact is 4 acres.
- Project Description – The primary goal of the project is isolation of the contaminants. A 1-foot thick sand and gravel cover will be constructed over approximately 1.5 acres of the backwater area. Additionally, a small (<0.25 acre) beach location at the site will also be covered. Although the Murray Road site is not currently used for trout spawning (according to WDFW biologists), the primary material used to construct the cover will be a mix of native riverine sands and gravels designed to encourage spawning in appropriate portions of the site. The soil cover will be placed around substantial existing woody vegetation in order to preserve vegetation where possible. In the upland portions of the site, an additional layer of fine sand and topsoil mix of approximately 6-inch thickness will overlie the sand and gravel cover and be seeded with native grasses as part of the project. The only work occurring below the ordinary high water line will be construction of the cover composed of spawning mix developed in cooperation with WDFW staff. The project will also include construction of a crushed gravel foot-trail from a nearby vehicle pullout to direct recreational users to the project area.