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.

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A. BACKGROUND

1. Name of proposed project, if applicable:

Remediation of Alcoa Inc.'s Vancouver Facility at 5701 NW Lower River Road, Vancouver, Washington.

2. Name of applicant:

Alcoa Inc.

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

Applicant: Mark Stiffler
Alcoa Inc.
201 Isabella Street
Pittsburg, PA 15212
Phone: 412-553-1658

Authorized Agent: Rebecca Desrosiers
Anchor Environmental, L.L.C.
1423 3rd Avenue, Suite 300
Seattle, WA 98101
Phone: 206-287-9130

4. Date checklist prepared:

May 23, 2008.

5. Agency requesting checklist:

Washington State Department of Ecology.

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

The project will start on approximately June 23, 2008, and will be completed by December 31, 2008.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Following site remediation, the properties will be sold to a buyer that will likely continue to use the property in an industrial capacity. Currently, Alcoa Inc. (Alcoa) and Evergreen (the adjacent property owner) have each entered into prospective sales agreements with the Port of Vancouver (Port)

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The following documents are in preparation:

- Anchor Environmental, L.L.C. June 2008. *Remedial Investigation/Feasibility Study, Alcoa/Evergreen Vancouver Site*

- Anchor Environmental, L.L.C. May 2008. *Addendum to the Sampling Plan for Soils West of Dock at Alcoa/Evergreen Vancouver Washington Site*
- Archeological Investigations Northwest, Inc. May 2008. *Records Review and Background Research for the Alcoa Vancouver Proposed Sediment Remediation Project.*

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.

As required by an Enforcement Order issued by the Washington State Department of Ecology (Ecology), Alcoa is being directed to complete the remedial activities described in this SEPA Checklist. Alcoa is also working with Ecology on the remedial design for the remainder of the site. This work will be conducted as directed by Consent Decree under the Washington Model Toxics Control Act (MTCA; WAC 173-340).

A Joint Aquatic Resources Permit Application (JARPA) for a Nationwide Permit (NWP) Number 38 was filed with the U.S. Army Corps of Engineers on February 9, 2008. Approval of the NWP 38 application is required for in-water remedial action activities planned adjacent to the site.

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

Because the Alcoa site is situated within the jurisdiction of both Clark County and the City of Vancouver, the following permits will be required:

- Clark County: Demolition permit and grading permit
- City of Vancouver: Grading permit

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.)

Ecology's Enforcement Order directs Alcoa to complete remedial activities, including the demolition of site structures, removal and disposal of contaminated soils, and remediation of underground storage tanks (USTs). Alcoa will submit a sampling plan to Ecology for approval prior to start of demolition and remedial activities. The sampling and analysis plan will describe the methods and analytical procedures used to analyze environmental samples and the justification for the location and frequency of sampling to determine compliance with applicable cleanup standards. Any visibly contaminated soil discovered during construction will be excavated and disposed of at an appropriate, off-site landfill facility. The cleanup level will follow MTCA Method A Soil Cleanup Levels for Industrial Properties (WAC 173-340-900). The remedial activities are described in more detail below. For clarity, the work element descriptions have been divided by local jurisdiction

<u>Remedial Activities occurring in the City of Vancouver (see attached Figure 2 – Site Plan):</u>
The work within the City of Vancouver will consist of the demolition of above-ground tank structures and associated piping. Specific construction details include:

- A 100-foot-long abandoned 2 5-inch oil pipeline will be removed. Product remaining in the pipeline will be recovered and any contaminated soil will be removed.
- Two concrete tank foundations (40 feet in diameter and 6 inches deep) that formerly supported above-ground oil tanks and the concrete containment rings (9 inches thick, 4 feet deep) that surround each tank

foundation will be removed. Any contaminated soil will be removed and backfill will be used if necessary to restore the area to pre-demolition grades.

Remedial Activities occurring in Clark County (see attached Figure 2 – Site Plan):
The work within Clark County will consist of the demolition of ore handling facilities, excavation and off-site disposal of contaminated upper riverbank soils, and the remediation of underground tanks located in the river dike. Prior to the start of demolition, Alcoa will submit to Ecology for approval a demolition plan that includes best management practices (BMPs) for work adjacent to and over the Columbia River. Using BMPs, Alcoa will remove ore handling and storage equipment located over the water and on the bank of the Columbia River adjacent to the dock. The implementation of these BMPs will reduce the potential for foreign material to enter the Columbia River during demolition. Specific construction details include:

- Demolition of the following structures will occur: the existing conveyor system that links the dock to the four alumina silos (approximately 900 lineal feet); the conveyor system from the four silos to the Rail Loading Building (approximately 1,600 lineal feet); and the Rail Loading Building (40 feet wide, 160 feet long, and 30 feet tall). If required for access, the four alumina silos (100 feet in diameter and 110 feet tall) will also be removed.
- All concrete foundations, except the four silo pilecaps, will be removed down to a minimum depth of 3 feet below the surrounding ground. Soil will not be disturbed below the bottom of the removed foundations. The conveyor trench and pits in the Rail Loading Building will be backfilled with approximately 900 yards of crushed concrete.
- Demolition activities will not occur below the Ordinary High Water (OWH) mark of the river. A conveyor support pad, composed of four individual steel piles, will remain in place. The dock, conveyor system on the dock, and ship unloader will remain.
- Extending from the main above-ground tank pads, 1,000 feet of an abandoned 2.5-inch oil pipeline will be removed. Product remaining in the pipeline will be recovered and any contaminated soil will be removed.
- Four USTs formerly used to store diesel fuel will be removed per Washington's UST regulations. The USTs were previously (1987) abandoned in place and filled with gravel. Ground water sampling in the area indicates that leakage occurred; therefore, any contaminated soil will be removed. Backfill will be used to restore the area to pre-demolition grades.

Remedial Activities occurring in both Clark County and the City of Vancouver (see attached Figure 2 – Site Plan):
After completion of pre-characterization sampling directed by the Enforcement Order, Alcoa will remove any contaminated soils above the remediation level set by Ecology. These soils will be removed to an appropriate, off-site landfill facility. After polychlorinated biphenyl (PCB) remediation, Alcoa will prepare and contour the slope of the riverbank and dike to be consistent with and key into the stabilization design defined in the JARPA for the Columbia River sediment removal project, placing, as necessary, temporary erosion control materials before the NWP 38 is issued. No work will occur below the OHW mark.

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

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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:

The project area is located on the north bank of the Columbia River approximately 3 miles northwest of downtown Vancouver, Washington. The physical address of the site is 5701 NW Lower River Road, Vancouver, Washington. Most of the property lies within Clark County. The Clark County property account number is 152798-000. It is located in Section 19, Township 2 North, Range 1 East. The portion of the project work that will occur within the City of Vancouver lies within the same Section, Township, and Range. The attached Figures 1 and 2 depict the site vicinity and layout.

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B. ENVIRONMENTAL ELEMENTS

1. Earth

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

The landfill site is relatively flat; however, the existing shoreline has steep slopes.

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

The steepest slope on the site is approximately 1.5:1.

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 dredged from the Columbia River was placed over the entire site when the facility was constructed in the 1940s. Sand thickness ranges from about 7 to 25 feet depending on the location. The sand fill tends to be deeper on the east side of the site because of extensive filling activities that took place historically in that area. This project will not disturb soils beneath this surficial geologic unit.

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

There are no surface indications or history of unstable soils in the immediate vicinity.

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

Grades will be restored to pre-excavation and demolition grades after existing upland structures have been demolished and any contaminated soil has been removed from the site. Approximately 1,000 cubic yards of concrete from the demolished foundations will be crushed and used as backfill if testing determines it is suitable for reuse. If additional material is required, clean fill from a local source will be used to restore pre-excavation grades.

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

No erosion is expected behind the river dike due to the flatness of the property. BMPs will be used to minimize any erosion along the riverbank during construction.

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

No new construction of impervious surfaces will occur and there will be a slight reduction in impervious surfaces once the Rail Loading Building has been removed. The pile caps for the alumina silos and paved roadways will remain.

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

During demolition, erosion control measures will be installed to minimize the amount of dirt or construction debris entering the existing stormwater collection system. Such measures could include: installation of silt fencing, placement of hay bales, or installation of catch basin inserts.

During river bank remedial activities, erosion control BMPs will be employed, such as silt fencing meeting WSDOT standards or secured straw bales placed at the tow of the slope to prevent runoff impacts. In addition, all work along the shoreline will be done above the water elevation to further minimize erosion potential.

2. 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.

Temporary construction equipment emissions will result from the proposal. No unusual air pollutant loads will be introduced. Non-hazardous dust may be generated during the demolition activities. Dust may also be generated from truck traffic on the dirt roads

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

There are no known off-site sources of emissions or odor that could affect this proposal.

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

Demolition dust will be controlled by misting sprays of water from pump trucks. Other fugitive dust will be controlled through the application of water as needed throughout construction. Water will be misted or lightly sprayed to prevent surface water runoff.

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.

The site is within 200 feet of the Columbia River, and a portion of the construction will occur along the upper bank of the river dike.

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.

A conveyor that passes over the river from the dock to the silos will be removed (as shown on Figure 2). The silos to be demolished are on the land side of the dike but within 200 feet of the river. No other work will occur over surface waters. All other construction activities will occur on land that is adjacent to surface water, but no work will occur within the Columbia River.

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.**

None.

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

The proposal will not require surface water withdrawals or diversions.

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

The site lies within the 100-year floodplain and is within the designated floodway for Clark County (according to the 2008 Clark County Digital Atlas); however, a flood control dike protects most of the upland portion of the site.

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.**

The proposal does not involve any discharges of waste material to surface waters.

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.**

The existing facility water system is fed from wells on site. Alcoa will use water from the existing water system for dust suppression water at a rate of approximately 10,000 gallons per day.

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.**

The proposed project does not involve discharge of waste material into the ground.

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.**

The existing storm drains and storm drain system will collect water from existing paved areas and discharge the water into the existing lagoons, which will allow suspended solids to settle prior to discharge into the Columbia River in accordance with the current NPDES discharge permit. Stormwater will continue to infiltrate directly into pervious areas of the site.

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

Potential waste materials that could enter surface or ground waters over the short-term construction window include soil from excavation and filling and oil from construction equipment (if a spill were to occur). However, BMPs will be employed to minimize the potential for waste materials to enter ground or surface water.

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

Use of appropriate erosion control measures during demolition and use of the existing surface water management system described above will reduce impacts from any runoff water. Erosion control measures could include installation of silt fencing, placement of hay bales, or installation of catch basin inserts. Potential BMPs for river bank remediation include secured straw bales or silt fencing placed at the tow of the slope to prevent runoff impacts. In addition, all work along the shoreline will be done above the water elevation to minimize erosion potential.

4. Plants

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

- _X_ deciduous tree: alder, maple, aspen, other (cottonwood)
- _____ evergreen tree: fir, cedar, pine, other
- _X_ shrubs (non-native butterfly bush)
- _X_ grass
- _____ pasture
- _____ crop or grain
- _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- _____ water plants: water lily, eelgrass, milfoil, other
- _X_ other types of vegetation (tansy)

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

Vegetation is limited to a few trees and shrubs within the shoreline area Some weedy vegetation may be removed during removal of the oil pipelines. If any trees or shrubs are co-located with waste along the river bank, they will be removed along with excavation activities.

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

No threatened or endangered plant species are known to be on or near the site.

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

None.

5. Animals

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a. Underline 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: seabirds

__X__ mammals: **deer**, bear, elk, **beaver**, other:

__X__ fish: bass, **salmon**, trout, herring, shellfish, other:

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

- Chinook salmon (Oncorhynchus tshawytscha)
  - Lower Columbia River Evolutionary Significant Unit (ESU)
  - Upper Columbia River spring ESU
  - Snake River fall ESU
  - Snake River spring/summer ESU
- Coho salmon (O. kisutch)
- Chum salmon (O. keta)
- Sockeye salmon (O. nerka)
- Steelhead (O. mykiss)
  - Snake River Basin Distinct Population Segment (DPS)
  - Upper Columbia River DPS
  - Middle Columbia River DPS
  - Lower Columbia River DPS
- Bull trout (Salvelinus confluentus)

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

The Columbia River is a migration route between salmon-bearing streams and the Pacific Ocean. There are no wetlands or ponding water on the site that would attract migrating birds.

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

Appropriate erosion control measures will be used to prevent and control erosion at the site and to prevent any waste materials generated during the proposed activities from entering surface or ground water. Construction activities will be limited to areas above the surface water elevation line.

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.

This is a remediation project. No forms of energy will be used. Electrical service to the dock will remain to supply power to navigation lighting.

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:

This project will not use energy; therefore, no conservation features are proposed.

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.

Petroleum contaminated soils may be encountered during removal of the two oil tanks pads and associated piping. There is a possibility for petroleum contaminated soils to exist in the area where the two oil tank pads are located. There is known diesel fuel contamination in the area where the four underground storage tanks are located. There is minimal risk of fire or explosion from the petroleum or diesel-contaminated soils that will be removed from the site. Workers at the site will be trained in safe management of these materials and appropriate BMPs will be used to isolate and contain any contaminated soils. All contaminated soils will be disposed of at an appropriate upland facility.

1) Describe special emergency services that might be required.

Potential emergency services would be limited to an ambulance if an on-site worker were injured during construction. In addition, an aquatic and/or land based hazardous spill response team would potentially be required if an oil spill were to occur on-site during construction.

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

The construction crew will meet Occupational Safety and Health Administration (OSHA) requirements during construction. A project specific Health and Safety Plan will be developed to meet all federal, state, and local guidelines. Workers will be trained to safely manage contaminated soil and will be required to use appropriate personal protective equipment when working with contaminated soils. Absorbent materials (pads, booms) will be available on-site during demolition activities to contain any free product discovered during removal of the underground storage tanks or removal of the oil pipelines.

b. Noise

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

There are no types of existing noise in the area that would affect this proposal.

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.

During demolition, diesel powered equipment and concrete hammers will generate noise on site. Demolition will occur only during daylight hours.

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

None

8. Land and Shoreline Use

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

Land uses surrounding the site are industrial. The site itself is an old smelter complex constructed in 1940. A number of fabrication operations operated on the site to form aluminum metal into finished goods such as wire, rod, and extrusions. The dock facilities were used for unloading ships and loading rail cars. Alcoa has been closing and selling portions of the remaining facility since 1987. Glacier Northwest operates the adjacent upstream property, which is owned by the Port of Vancouver. Moorage 5 owns and operates the adjacent downstream property. There is a county jail 1/4 mile to the east and a Clark County PUD power station 1/4 mile to the northeast.

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

No.

c. Describe any structures on the site.

There is an existing conveyor system that links the existing dock to the four alumina silos (approximately 900 lineal feet); the conveyor system from the four silos to the Rail Loading Building (approximately 1,600 lineal feet); and the Rail Loading Building (40 feet wide, 160 feet long and 30 feet tall). The silos are 100 feet in diameter and 110 feet tall. There are also two concrete tank foundations that are 40 feet in diameter and 6 inches deep. Each tank foundation is surrounded by a 9-inch thick, 4-foot-deep containment ring that will also be removed.

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

The conveyors, silos, Rail Loading Building, and tank pads will be demolished. All foundations, except the four silo pilecaps, will be removed down to a minimum depth of 3 feet below the surrounding ground. The dock and the conveyor on the dock will remain. No demolition or remediation activities will occur from the river.

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

Heavy Industrial.

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

Urban High Density.

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

Urban High-Intensity.

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

The site is adjacent to the shoreline of the Columbia River and is a designated Fish and Wildlife Habitat Area under the Critical Areas Ordinance for the City of Vancouver.

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

No one will reside or work on the site after demolition is complete.

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

The Alcoa facility is no longer in operation; therefore, no people will be displaced by the completed project.

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

No displacement impact will occur; therefore, no control measures are proposed.

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

The proposed work is compatible with existing and projected land uses and plans.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

No housing units will be provided

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing units will be eliminated

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

No housing impacts will occur; therefore, no reduction or control measures are proposed.

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 new structures will be built.

b. What views in the immediate vicinity would be altered or obstructed?

Views in the vicinity will not be altered or obstructed

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

No aesthetic impacts are anticipated; therefore, no reduction or control measures are proposed.

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. The existing navigation lights on the dock will remain.

c. What existing off-site sources of light or glare may affect your proposal?

No existing off-site sources of light or glare will affect this proposal.

d. Proposed measures to reduce or control light and glare impacts, if any:

No light and glare impacts are anticipated; therefore, no reduction or control measures are proposed

12. Recreation

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

The area is industrial and there are no recreational activities on the site. Within the vicinity of the site, the Columbia River may be used for waterborne recreation such as boating, wind surfing, and fishing.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No existing recreational uses will be displaced by this proposal.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

No impacts to existing recreational uses are anticipated; therefore, no control measures are proposed

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 no known historical or cultural resources in the project area.

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

There are no known historical or cultural resources in the project area.

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

While it is highly unlikely that artifacts would be found due to the presence of fill on the site and the limited depths to which excavation related to the project would occur (no soil disturbance below existing footings), if any historic or cultural artifacts were unearthed, work would stop and Alcoa would contact the State Historical Preservation Office. Again, there are no known historical and cultural resources in the project 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.

Lower River Road services the site. There is existing vehicular access from the road and no new access will be required.

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

The nearest C-TRAN (bus) stop is more than 1 mile from the site.

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

The project will not have any associated parking spaces, nor will any be eliminated.

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 new roads or road improvements will be required for this project.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

The project occurs in the immediate vicinity of water and rail transportation; however, neither method will be used to transport waste material from the site.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

The project will use truck transportation to remove recyclable material and waste from the site. It is anticipated that up to 10 truck loads of material per day may be removed from the site.

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

Transportation impacts are expected to be minimal. No control measures are proposed.

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.

The project will not result in an increased need for public services.

b. Proposed measures to reduce or control direct impacts on public services, if any.

No public service impacts are anticipated; therefore, no control measures are proposed.

16. Utilities

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

The privately owned stormwater collection system will remain operational.

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.

The privately owned stormwater collection system will remain operational and will be used to manage any stormwater generated during demolition activities.

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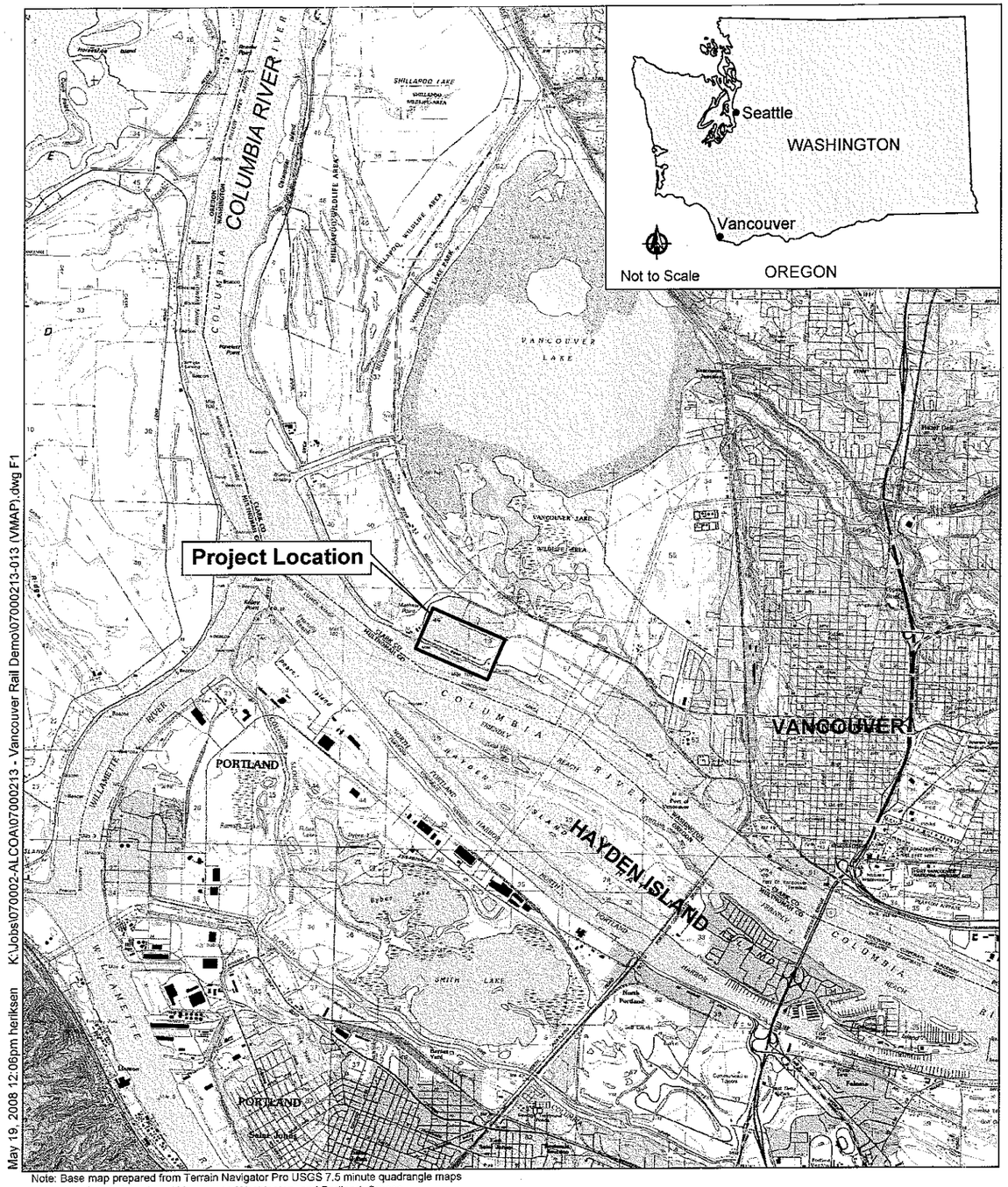
C. SIGNATURE

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: Rebecca Deneury agent for Mark Stiffler

Date Submitted: May 23, 2008



May 19, 2008 12:06pm heriksen K:\Jobs\070002-ALCOA\070002213 - Vancouver Rail Demo\070002213-013 (VMAP).dwg F1

Note: Base map prepared from Terrain Navigator Pro USGS 7.5 minute quadrangle maps of Linnton Sauvie Island and Vancouver Washington and Portland Oregon

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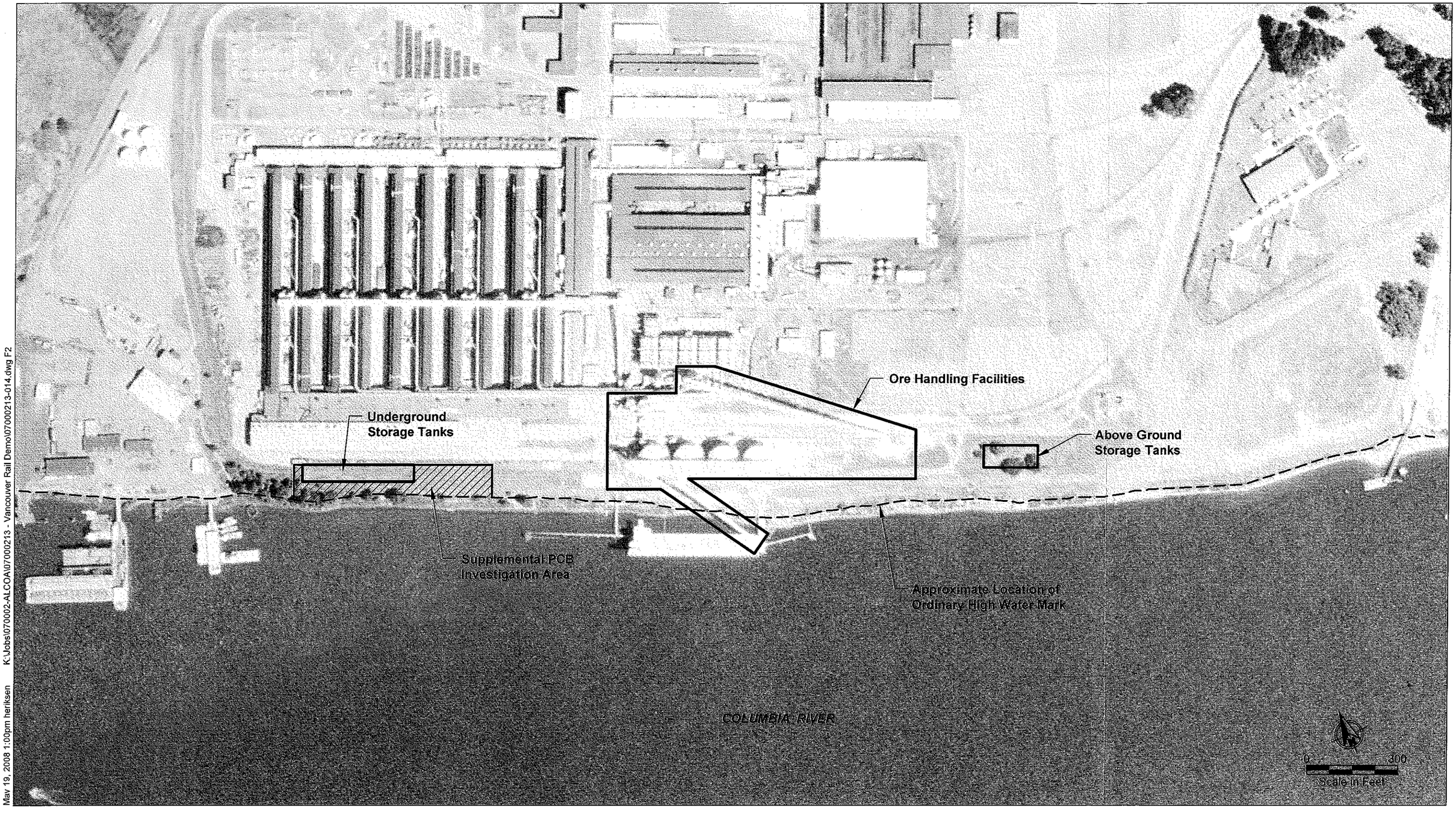
0 1
Scale in Miles

Figure 1
Vicinity Map
ALCOA Former Vancouver Facility
Vancouver, Washington



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May 19, 2008 1:00pm heriksen

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Figure 2
Site Plan
ALCOA Former Vancouver Facility
Vancouver, Washington