



COWLITZ COUNTY

DEPARTMENT OF BUILDING & PLANNING
207 FOURTH AVE. NORTH, KELSO, WA 98626

Phone (360) 577-3052 Fax (360) 414-5550

www.co.cowlitz.wa.us/buildplan

Review Number 11-01-0020

Determination of Non-Significance

Description of Proposal:

Longview Fibre Paper and Packaging, Inc. proposes to modify and modernize their mill infrastructure to allow for the production of additional electricity. The proposed modifications will be constructed in phases over a period of approximately 2 years. The proposed modifications include: demolition of recovery furnace #14 electrostatic precipitator; upgrades to power boiler #20, including increasing its ability to use wood waste as fuel to provide additional steam to a new turbine #9; modification to recovery furnace #19 to provide additional steam to the new turbine; installation of a new BLS tank to support the furnace conversion; constructing a new cooling tower to support the new turbine; modification of lime kiln #5 to increase its capacity; shutting down power boilers #12 and #13; and installation of new emission controls, piping and wiring to complete the modernization of the mill infrastructure. The proposed project, when completed, is projected to yield a net reduction of Criteria Pollutants calculated at over 650 tons/year removed from the local airshed.

Proponent: Longview Fibre P & P, Inc.
PO Box 639
Longview, WA 98632

Contact Person: Steven DuVall
Contact Phone: (360) 575-5584

Location of Proposal The proposed project is located within the Longview Fibre mill compound at the confluence of the Cowlitz and Columbia Rivers, 300 Fibre Way, Longview, WA, in Section 10, Township 7 North, Range 2 West of the Willamette Meridian (W.M.). Parcel # 61507.

Lead Agency: COWLITZ COUNTY DEPARTMENT OF BUILDING AND PLANNING

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 upon request.

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 January 28, 2011.

Staff Contact: Steve Zaske, Environmental Planner

Responsible Official: Mike Wojtowicz, Director

Date: January 14, 2011

Signature:

cc with enclosures:

Department of Ecology, SEPA Review Section
Department of Natural Resources, SEPA Center
Southwest Clean Air Agency, 11815 NE 99th Street, Suite 1294, Vancouver, WA 98682
Department of Fish and Wildlife, Vancouver, Steve West
Cowlitz Indian Tribe, Longview, Dave Burlingame
County Building Official, Charlie Duncan

RECEIVED

JAN 05 2011

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

COWLITZ COUNTY
BUILDING & PLANNING

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:

Longview Fibre Mill Infrastructure Modification

2. Name of applicant:

Longview Fibre Paper and Packaging, Inc.

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

300 Fibre Way, WA 98632

360-575-5584

Contact: Steven DuVall, Environmental Services Manager.

4. Date checklist prepared:

October 20, 2010

5. Agency requesting checklist:

Cowlitz County Building and Planning (per Department of Ecology; Contact Marc Heffner, 360-407-6773)

11010020

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

Project is anticipated to begin in first to second quarter 2011 and construction will last approximately 18 months

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 minor new source review Notice of Construction Application is being prepared for submittal to the Department of Ecology.

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.

Yes. A hostler yard parking lot improvement proposal, a dredging permit application and an application to install new power poles along our dike are all pending.

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

We will seek a Notice of Construction application approval from the Washington State Department of Ecology.

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.)

This project will involve either: 1) modifying the #19 recovery furnace and the #20 power boiler to make better steam (hotter and at a slightly higher line pressure) and/or 2) installation of a new boiler to replace #20 power boiler. That steam will operate an efficient turbine to produce electricity. Other mill infrastructure modifications will include installation of an OCC plant rejects handling system, an ash removal system for cleaning up scrubber and wet ESP waters, and improvements to the non-condensable gas treatment systems.

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.

Project location is at 300 Fibre Way, Longview, WA 98632 in Cowlitz County. T7N, R2W, S10.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Site is generally flat. Some slope exists on dike.

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

Steepest slope is along the dike. Approximately 15% slope.

- 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.

Mostly fill material, predominantly dredge sands.

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

No indications or history of unstable soils in or near the project area.

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

Not applicable. No filling will be performed as part of this project.

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

Construction will involve making modifications to existing equipment already located at the mill site.

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

No additional impervious surfaces will exist as a result of this project.

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

BMPs such as installing silt fencing and covering soil stockpiles may be used to prevent erosion during construction.

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 dust and vehicle emissions will occur during project construction. These construction-related emissions will cease following construction completion.

Emissions of particulates, SO₂, NO_x, VOC, and CO will increase slightly from the #20 power boiler and the #5 lime kiln as a result of the project. The #19 recovery furnace will see an overall decrease in emissions of particulates, VOC, and TRS since the furnace will be converted to a low odor, high solids firing unit with a new much improved precipitator for particulate control. Emissions of SO₂, NO_x, and CO from the furnace will increase slightly.

The overall effect of the project, including the shutdown of several additional units at the mill will result in a net emissions increase that is below the significant emission rate for all pollutants.

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

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

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

Water will be used to control dust from construction activities.

Vehicle emissions will be controlled by discouraging vehicle idling when not actively working onsite.

New and modified equipment will be evaluated in the Notice of Construction application for Best Available Control Technology (BACT). Specifically, the modifications to the #19 recovery furnace include converting the furnace to a low odor design, and will include improvements to the electrostatic precipitator for particulate control. At the #20 power boiler, particulate emissions are controlled with a wet scrubber followed by an electrostatic precipitator. Emissions of NO_x from the #20 power boiler will be controlled with over fire air. The permit application for the project will review the possibility of adding a selective non-catalytic reduction (SNCR) control system for control of NO_x emissions. Emissions of particulate from the #5 lime kiln are controlled by a dry electrostatic precipitator. The new cooling tower will be equipped with a mist eliminator for particulate control. The proposed new boiler will meet all required emissions standards through installation of MACT controls.

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 Columbia River is approximately 500 feet to the south of the western end of the project area. The old mouth of the Cowlitz River Slough is approximately 500 feet to the south of the eastern end of the project area.

- 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.

No

- 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.

Not applicable. No fill or dredge material will be placed or removed from surface water or wetlands.

- 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.

No

- 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 discharge of waste material to surface water will occur.

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 withdrawals or discharges to ground water will occur as part of this proposal.

- 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.

No waste materials will be discharged 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.

Stormwater in a portion of the project area infiltrates. Stormwater occurring on impervious surfaces is directed to Longview Fibre's industrial sewer system for appropriate treatment and discharge.

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

No waste materials will enter ground or surface water.

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

Stormwater at the site either infiltrates or is directed to Longview Fibre's industrial system. Impacts to stormwater due to construction are unlikely, but BMPs such as installing silt fencing and covering stockpiled soil may be used to prevent sediment from entering stormwater.

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, some willow and California locust along shoreline
 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?

None

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

None.

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

None.

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, osprey, ducks, geese, songbirds, other: seagulls, crows, sparrows, pigeons, starlings.

mammals: deer, otter, other: small mammals like mice, voles, rats.

fish: bass, salmon, trout, shad, bullheads, steelhead, chub, northern pike minnow, shellfish, other:

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

13 salmon and steelhead ESUs (Chinook, Coho, Chum, Sockeye, and Steelhead), North American Green Sturgeon, Bull Trout, Columbia River Smelt, Steller Sea Lions.

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

The project area is within the Pacific Flyway, a major north-south route for migratory birds. Since the project area is heavily developed and used as an industrial property, no suitable habitat exists and the area is not utilized by any migrating species.

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

None.

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 project is projected to increase the production of electricity by about 50-55 MW.

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.

There will be no change in the types or amounts of environmental health hazards resulting from this mill modification unless SNCR is required by the Washington Department of Ecology air permit for control of NOx emissions from the #20 power boiler. In that case, emissions of ammonia will be present in the exhaust from the #20 power boiler stacks.

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

No special emergency services will be required for this project.

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

The facility modifications will include adequate pollution and operational controls to maintain permit compliance. All vehicles will be inspected daily for any loose components that could result in spills or leaks. All vehicles will also be equipped with spill kits in the event a spill or leak does occur, and crews will be trained in how to properly clean up spills.

b. Noise

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

None. Project area is within a heavy industrial property.

- 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.

Typical construction noise between 7 am to 6 pm will occur on a temporary basis. No new sources of noise will occur as a result of this project.

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

None. Project area is within a heavy industrial property. No residential areas are present in the vicinity.

8. Land and shoreline use

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

The project site is an industrial mill site with docks in the Old Cowlitz River Channel and in the Columbia River. Adjacent properties to the east and north include Longview Booming, a tug boat company, and the Three Rivers Regional Waste Water Plant. The Port of Longview is west of the property.

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

No.

c. Describe any structures on the site.

The Longview Fibre Paper and packaging, Inc. mill site has about 300 acres that are covered by buildings or paving.

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

Two structures will be modified

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

Heavy manufacturing, ~~urban~~ (MH, ^U)



** U = Unclassified
(not "Urban")*

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

Heavy industrial.

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

Urban.

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

No.

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

No additional people would reside or work as a result of this project.

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

None.

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

Not applicable.

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

None. Project area is designated as Heavy Manufacturing, ^{ Unclassified} Urban. Project is consistent with existing land use and shoreline designation.*

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 buildings or stacks are expected to change heights significantly.

- 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?

No light or glare will be produced as a result of this proposal.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

Not applicable. No light or glare will be produced as a result of this proposal.

- 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 recreational opportunities are in the immediate vicinity?

Site is Heavy Industrial and no recreational opportunities exist at the site. Boating and fishing takes place in the rivers along our shoreline.

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:

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.

No places or objects are listed or proposed for listing on national, state, or local preservation registers.

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

No landmarks or evidence of historic, archaeological, scientific, or cultural importance are known to be on or next to the project area.

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

If cultural resources are discovered during construction, work will stop immediately and the appropriate local, state, and/or federal agencies will be notified.

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 site is via Fibre Way.

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

No. The nearest transit stop is approximately one mile away.

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

No parking spaces will be created or eliminated as a result of this project.

- 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.

The project will not use water, rail, or air transportation.

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

No trips would be generated by the completed project.

- 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.

- 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.

Existing utility services will be modified to meet the needs of the modified sources including the installation of a new turbine to produce electricity.

C. SIGNATURE

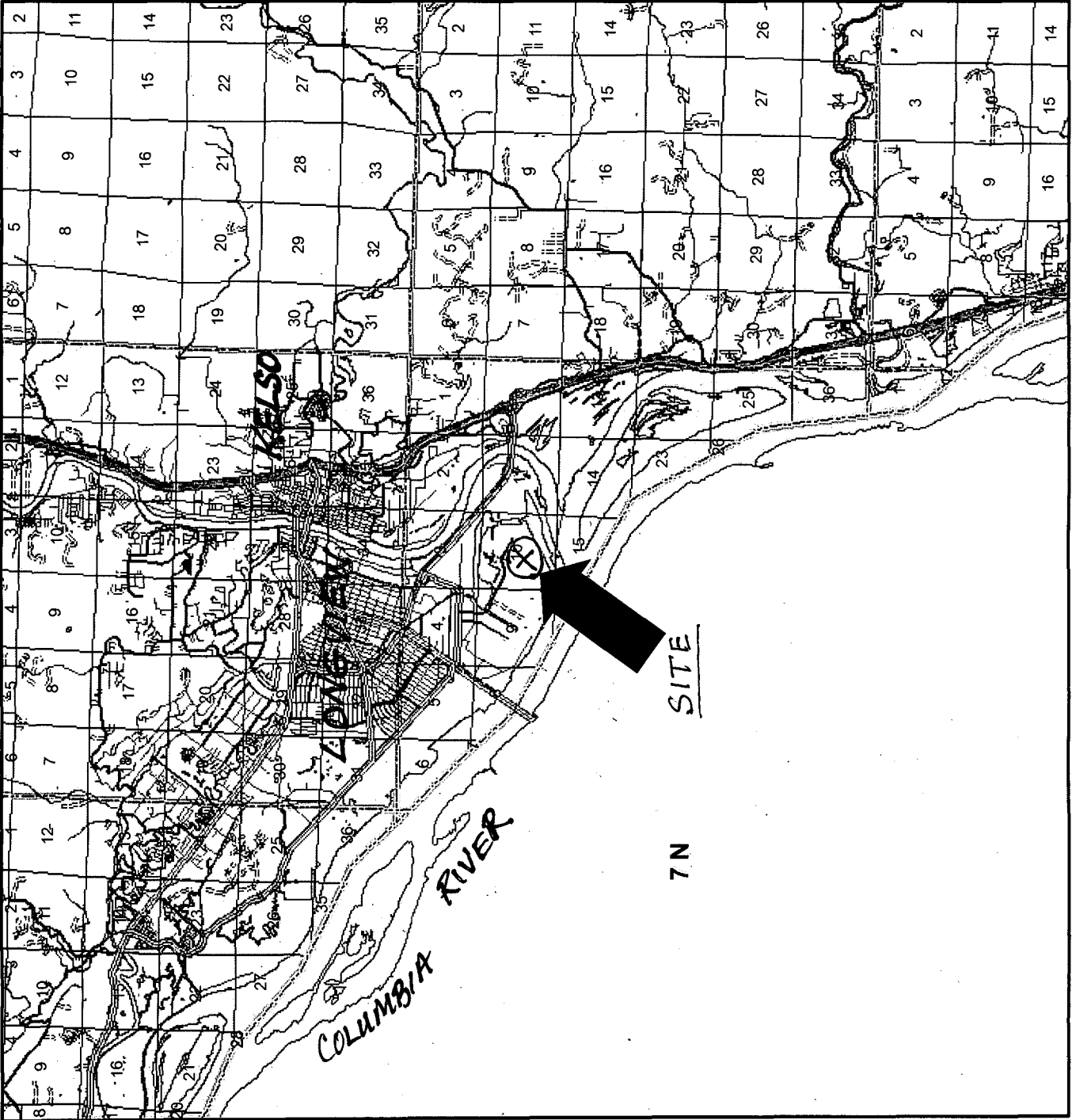
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Pat W. Ortiz
Pat W. Ortiz, Pulping Production Manager, Longview Fibre Paper and Packaging, Inc.

Prepared by: Steven D. DuVall
Steven D. DuVall, Environmental Services Manager, Longview Fibre Paper and Packaging, Inc.

Date Submitted: October 21, 2010

Cowlitz County

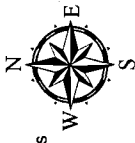


Legend

Streets

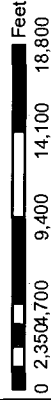
TYPE

- FOREST ROAD
- INTERSTATE
- MAJOR COLLECTOR
- MINOR ARTERIAL
- MINOR COLLECTOR
- OTHER PUBLIC ROAD
- PRINCIPLE ARTERIAL
- PRIVATE ROAD
- RAMP
- REST AREA



Disclaimer: Cowlitz County does not guarantee the accuracy, adequacy, completeness, or usefulness of any information. Cowlitz County provides this information on an "as is" basis without warranty of any kind, expressed or implied, including but not limited to warranties of merchantability or fitness for a particular purpose, and assumes no responsibility for anyone's use of this information.

0 2,350,700 9,400 14,100 18,800



VICINITY MAP:
Longview Fibre

