

**Southwest Clean Air Agency**  
11815 NE 99<sup>th</sup> Street, Suite 1294  
Vancouver, Washington 98682-2454

**ENVIRONMENTAL CHECKLIST**

WAIT - You may not need to fill out the attached checklist.  
Please read and check the following:

Because of the State Environmental Policy Act, the action for which you are filing a Notice of Construction and Application for Approval to this Agency requires the completion of an environmental checklist.

BUT: If you can answer "yes" to either of the following questions with respect to the action being proposed, the attached checklist need not be completed:

1. I have obtained a State, City or County Permit and filled out an environmental checklist.

Yes

No

If you answered "yes", give State, City or County Department and date, and attach a copy of the checklist.

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2. An environmental checklist or assessment has previously been filled out for another agency.

Yes

No

If "yes", give agency and date, and attach a copy of the checklist.

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If your answer to both of the above questions was "no", you must fill out the attached environmental checklist.

Prepared by:

Randy Wallace  
(Signature)

Randy Wallace  
(Print Name)

OWNER  
(Title)

**STATE ENVIRONMENTAL POLICY ACT  
ENVIRONMENTAL CHECKLIST FORM**

Applicant/Sponsor: Wallace Bros. Inc. Date: 9-16-96  
Address: 654 Mandy Rd.  
Toledo, WA. Zip Code: 98591  
Phone: (360) 864-6304

Project Name: Reclamation plans & Shoreline permit for Mandy Road pit  
Agency Requesting Checklist: Shoreline Management, Lewis County, DNR

**A. BACKGROUND**

1. Estimated date of completion of proposed action (including phasing, if applicable).  
September 2011
2. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.  
No
3. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.  
Shoreline permit, Hydraulics project approval for dike SWAPCA, Mining permit converting to reclamation permit.
4. Do you know whether or not applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.  
No
5. List any governmental approvals or permits that will be needed for your proposal, if known.  
DNR Reclamation Permit, Shoreline Management Substantial development permit.
6. Give a 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 proposals. You do not need to repeat those answers on this page.  
To keep mining under permit #11145 on 62 acres. Continue mining and processing sand and gravel on 62 acres. This site will also have a temporary asphalt plant operational during the dry season.
7. Location of the proposal. Give sufficient information for a person to understand the precise location of your project, including a street address, if any, and Section, Township, and Range. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a site plan, vicinity map, and topographic map, if reasonably available.  
654 Mandy Rd. Toledo, WA. 98591

Tax Parcel #: 12519-000-000  
Section 27/28, Township 11N, Range 2W, W.M.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (Circle One):

Flat Hilly Mountainous  
Rolling Steep Slopes Other: \_\_\_\_\_

b. What is the steepest slope on the site (approximate percent slope)? 2:1 to 3:1

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, gravel, sandy loam

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

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.  
Grading of final slopes and redistribution of soil

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

g. About what percent of the site will be covered with impervious surfaces after project construction (for example: asphalt or buildings)?  
None

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.  
Reclamation including seeding of grasses and planting trees to exposed soils, maintain dike. see narrative.

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.  
Vehicle/equipment exhaust, dust, asphalt batch plant emissions.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.  
SWAPCA compliance, proper maint. of equipment/vehicles.

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 Cowlitz 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.  
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.  
Mining in man made pond.
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.  
Washing rock with water withdrawn from pond
- 5) Does the proposal lie within a 100 year floodplain? If so, note location on the site plan.  
Yes, see attached map
- 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.  
Water from settling ponds eventually discharges to river under permit #WAG-50-1159 NPDES.

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 houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.  
None

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Storm water directed into pond.

\_\_\_\_\_

\_\_\_\_\_

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

No

\_\_\_\_\_

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

Comply with NPDES permit requirements/ keep storm water on site and use best management practices.

4. Plants

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

deciduous tree: alder, maple, aspen, other-Cottonwood, willow

evergreen tree: fir, cedar, pine, other-Noble

\_\_\_\_\_ shrubs

grass

\_\_\_\_\_ pasture

\_\_\_\_\_ crop or grain

\_\_\_\_\_ wet soil plants: cattail, buttercup, skunk cabbage, other

\_\_\_\_\_ water plant: water lily, celgrass, milfoil, other

\_\_\_\_\_ other types of vegetation

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

Grasses

\_\_\_\_\_

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.

Native plants and grasses will be planted around the pond as part of the reclamation plan.

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: Osprey

Mammals: deer, bear, elk, beaver, other: \_\_\_\_\_

Fish: bass, salmon, trout, herring, shellfish, other: Steelhead, perch, sunfish, catfish

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

None

\_\_\_\_\_

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

d. Proposed measures to preserve or enhance wildlife, if any.  
Revegetation will provide cover and forage.

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.  
None

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.  
Possibility of electrical fire and potential spill of products-gas, diesel.

1) Describe special emergency services that might be required.  
Ambulance, fire department

2) Proposed measures to reduce or control environmental health hazards, if any.  
The use of best management practices, proper handling, storage & disposal. Fuel on site is contained in double walled and insulated containers.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
The same amount that is already present.

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.  
long term-processing equipment, vehicles & trucks short term-batching plant for asphalt

MINE → M-F 7:00 am to 4:00 pm 85% of the time M-F 7:00am to 6:00pm 15%

ASPHALT- DRY SEASON MAY- SEPT 4:00pm to 8:00am M-F 85%

4:00pm to 8:00am Sat-Sun 15%

Page 5 Depends on D.O.T. Regulations.

- 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?  
A working mine and agricultural land.
- b. Has the site been used for agriculture? If so, describe.  
yes in past for hay
- c. Describe any structures on the site.  
Crusher, Tower, A scale shack, Equipment-Trucks
- d. Will any structures be demolished? If so, what?  
All of the above will be removed at reclamation.
- e. What is the current zoning classification of the site?  
No zoning requirements.
- f. What is the current comprehensive plan designation of the site?  
None
- g. If applicable, what is the current shoreline master program designation of the site?
- 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? 8 during operations 0 at reclamation.
- j. Approximately how many people would the completed project displace? 20 including truck drivers
- k. Proposed measures to avoid or reduce displacement impacts, if any.  
Continue operations
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.  
The completed reclamation project will enhance wildlife habitat and provide recreational uses.

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.  
N/A

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?  
Tower-100'
- b. What views in the immediate vicinity would be altered or obstructed?  
None
- c. Proposed measures to reduce or control aesthetic impacts, if any.  
Revegetation at reclamation.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?  
Lights will be used when asphalt plant is temporarily in use from dusk till dawn.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?  
No
- c. What existing off-site sources of light or glare may affect your proposal?  
None
- d. Proposed measures to reduce or control light and glare impacts, if any.  
None

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?  
Fishing, Boating
- 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.  
There will be no change to recreation during operations  
reclamation will enhance recreation.

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
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.  
None
- c. Proposed measures to reduce or control impacts, if any.  
None

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plan, if any.  
Mardy Rd. to Rodgers to I-5
- b. Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?  
NO 20 miles to Chehalis
- 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
- 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.  
No change from current use peak volumes would  
occur during summer months

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

N/A

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
- Refuse Service
- Water
- Telephone
- Sanitary Sewer
- Septic System
- Other: Sani-can

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

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.

Donald R. Wallau  
Signature

5/8/97  
Date Submitted