

PUGET SOUND CLEAN AIR AGENCY

1904 3rd Avenue, Suite 105
Seattle, Washington 98101-3317

Date: November 30, 2007

Proponent: Puget Sound Clean Air Agency

**Project, Brief Title: Amendments to Article 8 of Regulation I
Phase-Out of Land-Clearing and Residential Burning.**

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, type "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 non-project proposals:

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

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

TO BE COMPLETED BY THE APPLICANT

A. BACKGROUND

1. Name of proposed project, if applicable:

**Amend Regulation I: Sections 8.09, 8.10, and 8.11
Adopt Regulation I: Section 8.13**

2. Name of applicant: **Puget Sound Clean Air Agency**

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

Name: **James L. Nolan** Title: **Director-Compliance**
Firm: **Puget Sound Clean Air Agency** Telephone: **(206) 689-4053**
PO Box/Street: **1904 3rd Ave., #105**
City/State/Zip: **Seattle, WA 98101-3317**

4. Date checklist prepared: **November 30, 2007**

5. Agency requesting checklist: **Puget Sound Clean Air Agency**

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

**CR-102 form filed with State Code ReviserJanuary 22, 2008
Agency Public Hearing.....February 28, 2008
CR-103 form filed with State Code ReviserMarch 3, 2008
Approximate Effective Date of Revised RegulationJune 30, 2008**

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

Yes, we plan to work with Kitsap County to develop the infrastructure to provide land-clearing and residential yard-waste recycling throughout Kitsap County so that we may phase-out outdoor burning in Kitsap County as well.

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

We have prepared estimates for the emission reductions associated with this proposal. These estimates are summarized below in Section B.2.a. (Air) of this checklist.

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.

No

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

In accordance with RCW 70.94.743, Agency Regulation I, Sections 8.09, 8.10, and 8.11 prohibit residential burning and land-clearing burning in the Urban Growth Areas (UGAs) and former carbon monoxide non-attainment areas of King, Pierce, and Snohomish Counties and have so stated since 1994.

This proposal would prohibit land-clearing burning throughout all of King, Pierce, and Snohomish Counties beginning July 1, 2008. It would also prohibit residential burning throughout all of King, Pierce, and Snohomish Counties beginning July 1, 2010.

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.

King, Pierce, and Snohomish Counties

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (flat, rolling, hilly, steep slopes, mountainous, other):

N/A

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

N/A

- 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.

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, woodsmoke) during construction and when the project is completed? If any, generally describe and give approximate quantities, if known.

The proposed regulatory amendments would reduce emissions from land-clearing burning and residential burning in King, Pierce, and Snohomish Counties. The following two tables summarize the annual emission reductions.

Tons of Emissions from Land-Clearing Burning

	CO	NO _x	PM _{2.5}	SO _x	VOC	CO ₂ Eqv
King	1,804	39	228	6	148	36,418
Pierce	7,454	161	941	25	611	150,449
Snohomish	6,024	130	760	20	494	121,581

Tons of Emissions from Residential Burning

	CO	NO _x	PM _{2.5}	SO _x	VOC	CO ₂ Eqv
King	870	31	295	5	218	3,066
Pierce	546	20	185	3	137	1,925
Snohomish	793	28	269	4	198	2,795

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

Commercial composting facilities that accept land-clearing debris and residential yard waste, may be sources of odor.

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

We plan to enforce the existing Agency new source review requirements at all commercial composting facilities. This will ensure that all such facilities are operated properly and minimize the potential for odors.

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.

N/A

- 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.

N/A

- 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.

N/A

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

N/A

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

N/A

- 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.

N/A

b. Ground

- 1) Will groundwater be withdrawn, or will water be discharged to groundwater? If yes, give general description, purpose, and approximate quantities, if known.

N/A

- 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.

N/A

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.

N/A

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

N/A

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

4. Plants

a. Indicate types of vegetation found on the site.

N/A

- deciduous trees: alder maple aspen
- evergreen trees: fir cedar pine
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail buttercup bullrush
- skunk cabbage other (specify):
- water plants: water lily eelgrass milfoil
- other (specify):
- other types of vegetation (specify):
- other (specify):

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

N/A

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

N/A

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

N/A

5. Animals

a. Indicate birds and animals that have been observed on or near the site or are known to be on or near the site.

N/A

- Birds: hawk heron eagle songbirds
- other (specify):
- Mammals: deer bear elk beaver
- other (specify):
- Fish: bass salmon trout herring shellfish
- other (specify):

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

N/A

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

N/A

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

N/A

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, woodstove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

As a result of the proposal there will be additional trips from motor vehicles. The vehicles that transport land-clearing debris and residential yard waste will probably use diesel fuel. The equipment used to process land-clearing debris and yard waste will probably use diesel fuel and electricity.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

N/A

- 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:

We will work with the debris and yard-waste haulers and processors to encourage the use of biodiesel blends to reduce the greenhouse gas emissions from their activities.

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 is always a risk of fire from composting operations. The additional material sent to composting facilities is not anticipated to increase the current risk.

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

No special services necessary.

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

Ensure composting facilities comply with fire protection agency regulations.

b. Noise

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

There is noise generated by traffic and equipment associated with construction activities.

- 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.

This proposal is not anticipated to result in a significant increase in truck trips at construction sites. There may be short-term noise from a grinder at a construction site if they grind the material on-site.

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

The trucks and the grinders must meet city and county noise ordinances.

8. Land and Shoreline Use

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

N/A

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

N/A

- c. Describe any structures on the site.

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

9. Housing

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

N/A

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

N/A

- 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?

N/A

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

N/A

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

N/A

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A

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

N/A

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

N/A

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

N/A

12. Recreation

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

N/A

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

N/A

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

N/A

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.

N/A

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

N/A

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

N/A

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.

N/A

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

N/A

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

N/A

- 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).

N/A

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

N/A

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

N/A

- 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.

N/A

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

N/A

16. Utilities

a. Indicate utilities currently available at the site:

N/A

- | | |
|---|---|
| <input type="checkbox"/> electricity | <input type="checkbox"/> telephone |
| <input type="checkbox"/> natural gas | <input type="checkbox"/> sanitary sewer |
| <input type="checkbox"/> water | <input type="checkbox"/> septic system |
| <input type="checkbox"/> refuse service | <input type="checkbox"/> other (specify): |

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 that might be needed.

N/A

C. SIGNATURE

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

Signature: _____

Date Submitted: November 30, 2007

D. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substance; or production of noise?

It will not increase discharge to water, emissions to air, production, storage, or release of toxic or hazardous substances. It may increase noise at construction sites due to additional truck traffic necessary to transport debris to disposal sites or where equipment is used to grind wood waste on-site.

Proposed measures to avoid or reduce such increase are:

The trucks and the grinders must meet city and county noise ordinances.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

It is not likely to affect plants, animals, fish, or marine life.

Proposed measures to protect or conserve plants, animals, fish, or marine life are: **N/A**

3. How would the proposal be likely to deplete energy or natural resources?

It is not likely to deplete energy or natural resources.

Proposed measures to protect or conserve energy and natural resources are: **N/A**

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

It is not likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands.

Proposed measures to protect such resources or to avoid or reduce impacts are: **N/A**

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

It is not likely to affect land and shoreline use.

Proposed measures to avoid or reduce shoreline and land use impacts are: **N/A**

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

It is not likely to increase demands on transportation or public services and utilities.

Proposed measures to reduce or respond to such demand(s) are: **N/A**

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

It will not conflict with local, state, or federal laws or requirements for the protection of the environment.