DEPARTMENT OF ECOLOGY
State of Washington

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [help]

1. Name of proposed project, if applicable: *Aluminum Recycling Trentwood*

2. Name of applicant: *Sandra Treccani*

WA State Department of Ecology
4601 N Monroe
Spokane, WA 99205
(509) 329-3412

4. Date checklist prepared: 8/24/17

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

6. Proposed timing or schedule (including phasing, if applicable): *Phase I – September/October 2017, Phase II – summer/fall 2018*

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *Yes; the first phase of the project will be to test the applicability of a specific recycling approach using a smaller amount of excavation. If the results are positive, then the second phase will be full excavation.*

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *The Remedial Investigation/Feasibility Study was completed in 2012 by Union Pacific Railroad in compliance with a legal requirement by the Department of Ecology. If Phase I is successful, a Cleanup Action Plan will be prepared to provide the requirements of the work and Engineering Design documents will outline the specifics of the work.*

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. *The Cleanup Action Plan, when prepared and finalized, will represent local, state, and federal governmental approval of the proposal. Local, state, and federal agencies will have the opportunity to comment on both the Cleanup Action Plan and the SEPA checklist.*

10. List any government approvals or permits that will be needed for your proposal, if known. *Local approvals for excavation of material and dust control.*

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.) *Phase I will involve the excavation of approximately 360 cubic yards of an existing stockpile of mixed waste include aluminum sulfate, aluminum dross, and mineral oxides. Excavated material will be transported on-site and loaded into rail cars for shipment off-site. If successful, Phase II will involve the complete excavation of all on-site wastes into rail cars for off-site shipment.*

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. *The site is bounded by Sullivan Road to the east, Department of Transportation property and the Spokane River to the south, and Kaiser Aluminum property to the north and west. The waste stockpile is located on parcels*

45114.9012 and 45114.9030 in Spokane County, with mixed waste and soil located on the northern and western edges of parcel 45114.9009.

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth [help]

a. General description of the site: [help]

(circle one): *Flat*, rolling, hilly, steep slopes, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)? *The ground surface under the pile is relatively flat. The pile itself has slopes of approximately 1:1. Neighboring properties slope steeply towards the river and Department of Transportation properties to the south.*

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. *Soils are comprised of glacial flood deposits containing a mixture of larger cobbles and coarse sand mixed with gravel and some silt.*

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *Neighboring slopes are steep enough to be susceptible to erosion, but they are generally covered in vegetation and do not show any evidence of instability.*

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. *No fill is proposed.*

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. *Yes, the presence of large excavation equipment could potentially lead to erosion.*

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *0%*

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *Silt fence or other similar erosion protection will be used to reduce the impact of any erosion.*

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. *The excavation of waste materials and the operation of heavy equipment on gravel roads could lead to significant dust generation during project implementation. No impacts will be present after completion.*

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *No.*

c. Proposed measures to reduce or control emissions or other impacts to air, if any: *Water will be used to wet the waste pile and haul roads to minimize the impact of fugitive dust.*

3. **Water** [help]

a. Surface Water:

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. *Yes, the Spokane River is present approximately 300' to the southwest.*

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. *None.*

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.*

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. *No.*

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the
number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. *None.*

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 may possibly flow off the waste material pile and into lower lying areas. These areas include the Department of Transportation site to the south and southeast, or the flat trail at the*

base of the slope to the south and southwest. If high enough, flow could reach the Spokane River.

2) Could waste materials enter ground or surface waters? If so, generally describe. *Not likely. Due to the flat trail area at the base of the slope, most stormwater would pond there. In case of a very high precipitation event, it is possible that stormwater carrying waste materials could reach the river.*

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. *Phase I of the proposal would remove portions of the waste pile and lessen the slopes of that pile, thereby reducing the chance of materials entering stormwater and the river. If successful, Phase II would completely remove the pile and eliminate the chance of waste materials entering stormwater and the river.*

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: *During Phase I (and potentially Phase II) silt fence or other similar erosion protection will be used to reduce the impact of any erosion.*

4. **Plants** [help]

a. Check the types of vegetation found on the site: [help]

__X__deciduous tree: alder, maple, aspen, other
__X__evergreen tree: fir, cedar, pine, other
__X__shrubs
__X__grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ 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? *No vegetation will be removed or altered.*

c. List threatened and 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.*

e. List all noxious weeds and invasive species known to be on or near the site. *Unknown. It is assumed that noxious weeds may be present since the site is disturbed.*

5. **Animals** [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [help]

Examples include:

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

b. List any threatened and endangered species known to be on or near the site. *None.*

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

d. Proposed measures to preserve or enhance wildlife, if any: *None. The removal of contamination is expected to improve the health of wildlife in the area.*

e. List any invasive animal species known to be on or near the site. *None.*

6. **Energy and Natural Resources** [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. *Diesel fuel will be used to power excavation and hauling equipment, and diesel fuel will power the trains that will haul the waste material*

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: *The construction of an on-site staging pad will reduce the distance for hauling trucks to reach the railcars.*

7. **Environmental Health** [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. *Potential exposure to waste material dust.*

1) Describe any known or possible contamination at the site from present or past uses. *The site consists of a pile of waste material.*

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. *None.*

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. *The use of diesel fuel to power equipment during the project.*

4) Describe special emergency services that might be required. *Routes to hospital in case of accident or injury.*

5) Proposed measures to reduce or control environmental health hazards, if any: *Dust abatement measures will be used to control potential exposure.*

b. Noise [help]

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

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. *Noise would be generated by the operation of heavy equipment.*

3) Proposed measures to reduce or control noise impacts, if any: *Work will occur during daylight hours Monday thorugh Friday to minimize noise impacts.*

8. **Land and Shoreline Use** [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. *The site is currently used by a company producing water treatment products. Nearby, there is a trail along the Spokane River used by the public. Noise from equipment may affect users of the trail who expect a more park-like environment along the river.*

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? *No.*

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: *No.*

c. Describe any structures on the site. *There is currently a temporary fence surrounding the waste pile.*

d. Will any structures be demolished? If so, what? *During Phase I, no. If successful, the fence will be removed after Phase II.*

e. What is the current zoning classification of the site? *Heavy industrial.*

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

g. If applicable, what is the current shoreline master program designation of the site? *Not applicable.*

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. *No.*

i. Approximately how many people would reside or work in the completed project? *None.*

j. Approximately how many people would the completed project displace? *None.*

k. Proposed measures to avoid or reduce displacement impacts, if any: *None.*

L. Proposed measures to ensure the proposal is compatible with existing and projected land
uses and plans, if any: *None.*

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: *None.*

9. **Housing** [help]

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** [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? None.

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** [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *None.*

b. Could light or glare from the finished project be a safety hazard or interfere with views? *No.*

c. What existing off-site sources of light or glare may affect your proposal? *None.*

d. Proposed measures to reduce or control light and glare impacts, if any: *None.*

12. **Recreation** [help]

a. What designated and informal recreational opportunities are in the immediate vicinity? *There is an unimproved trail immediately north of the Spokane River and south of the site.*

b. Would the proposed project displace any existing recreational uses? If so, describe. *It would not displace any users, but noise and activity may deter its use during the project.*

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: *Work will be conducted during daylight hours Monday through Friday so that trail use may continue unaffected in the evenings and on weekends.*

13. **Historic and cultural preservation** [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe. *No.*

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. *No. The site is already heavily disturbed and in industrial use.*

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. *None. In Phase I, work will only occur within the waste stockpile itself and not within any native soils. For Phase II, most work will occur within the waste stockpile, but a small amount of eroded waste material that is already mixed with soils will be removed. Since that area is already heavily disturbed and is a remnant gravel excavation pit, no resources are expected.*

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. *If any cultural resources are encountered, work would stop and appropriate agencies would be identified.*

14. **Transportation** [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. *Site vehicle access is primarily from Sullivan Rd to the east. An existing road to the water treatment product facility will be used to access the waste management area. Additionally, a railroad crossing and gravel staging pad have already been constructed to facilitate rail car loading.*

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? *Sullivan Rd is served by Spokane Transit Authority.*

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? *No change to parking.*

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). *Existing private roads are gravel; no changes are proposed unless significant wear occurs. In that case, roads may be repaired with additional gravel to their original condition.*

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. *The project will use existing rail lines to transport waste material off-site.*

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? *None.*

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. *No.*

h. Proposed measures to reduce or control transportation impacts, if any: *All construction vehicles will be limited to private roads.*

15. **Public Services** [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, 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** [help]

a. Circle utilities currently available at the site: [help]
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. *None.*

C. Signature [help]

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: Sandra Treccani
Name of signee Sandra Treccani
Position and Agency/Organization site manager / Ecology TCP
Date Submitted: 8.31.17