STATE ENVIRONMENTAL CHECKLIST

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses: **Agency Comments**

A. **BACKGROUND**

1. Name of proposed project, if applicable:

   PACCAR – Final Interim Action Work Plan for Soil and Groundwater Cleanup at 8801 East Marginal Way South Site and former PACCAR Kenworth Truck company site.

2. Name of Applicant:

   AMEC Earth and Environmental, Inc. for PACCAR Inc for 8801 Site.

3. Date checklist prepared:

   September 10, 2008

4. Agency requesting checklist:

   Washington Department of Ecology – Toxics Cleanup Program NWRO

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

   The project will be implemented in two phases after approval of the Final Intermediate Action Work Plan (IAWP) by the Washington State Department of Ecology. The first phase will include the excavation of a closed stormwater outfall (Middle Outfall) and installation of additional monitoring wells at the Site. The second phase will include the remediation activities (application of enhansed fluid extraction (dual phase extraction, DPE), enhansed reductive dechlorination (ERD), use of oxygen releasing compound (ORC), and institution of an asphalt cap) at the Site.

   The specific scheduling and phasing of activities will be part of the final Intermediate Action Work Plan (IAWP) or related documents developed under the IAWP AO.

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

   No

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses:

Agency Comments

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

Project activities, including analytical sample results, will be documented in a reporting defined within the Final IAWP and/or related documents developed under the IAWP AO.

. Previous environmental reports (listed below) are available upon request.

AMEC Earth & Environmental (2005). *Investigation of Groundwater Infiltration to the North Part of the Storm Drain System Letter-Report, 8801 East Marginal Way South, Tukwila*, May 9, 2005. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2006a). *Catch Basin "N" Closure Letter of Completion, 8801 East Marginal Way South, Tukwila, Washington*, February 1, 2006. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2006b). *Draft Site Wide Storm Line System Cleanup Activities Letter- Report, 8801 East Marginal Way South, Tukwila, Washington*, May 18, 2006. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2006c). *Historical Storm Line System Sampling and Cleaning Activities Report, 8801 East Marginal Way South, Tukwila, Washington*, June 1, 2006. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2006d). *Draft Wet Season Groundwater Study Report, 8801 East Marginal Way South, Tukwila,* June 3, 2006. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2007a). *Storm Drain System Repair (CB74 to Lift Station) Letter- Report, 8801 East Marginal Way South, Tukwila, Washington*, February 16, 2006. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2007b). *Draft Dry Season Groundwater Study Report, 8801 East Marginal Way South, Tukwila*, February 23, 2007. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

AMEC Earth & Environmental (2007c). *Video Survey of Storm Drain System, East End of Site Letter- Report, 8801 East Marginal Way South, Tukwila, Washington*, April, 13, 2007. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses: **Agency Comments**

AMEC Earth & Environmental (2008). *Air Sparging and Soil Vapor Extraction System, 4th Quarter 2007 Operations Report, 8801 East Marginal Way South, Tukwila*, January 26, 2008. Submitted to PACCAR Inc by AMEC, Kirkland, Washington.

Anchor Environmental, LLC (2007a). *Technical Memorandum on Sediment, Seep and Stormwater Results at 8801 Marginal Way South,* January 2007. Prepared for PACCAR Inc by Anchor, Seattle, Washington.

Anchor Environmental, LLC (2007b). *Draft Technical Memorandum on Phase 1 Sediment, Seep Water, Stormwater, and Stormwater Solids Data, 8801 Marginal Way South*, March 2, 2007. Prepared for PACCAR Inc by Anchor, Seattle, Washington.

Anchor Environmental, LLC (2008a). *Technical Memorandum on Evaluation of Tidal Influence on Groundwater Elevation at 8801 Marginal Way South*, February 14, 2008. Prepared for PACCAR Inc by Anchor, Seattle, Washington.

Anchor Environmental, LLC (2008b). *Draft Technical Memorandum on Phase 2 SEWP Surface and Subsurface Sediment Results at 8801 Marginal Way South*, May 12, 2008. Prepared for PACCAR Inc by Anchor, Seattle, Washington.

GeoEngineers Incorporated (1986a). *Phase I Report, Site Environmental Assessment, Underground Storage Tank Management Program, Kenworth Truck Manufacturing Facility, King County, Washington*, March 1986. Prepared for Kenworth Truck Company by GeoEngineers Inc, Bellevue, Washington.

GeoEngineers Incorporated (1986b). *Phase II Engineering Report, Site Environmental Assessment, Underground Storage Tank Management Program, Kenworth Truck Manufacturing Facility, King County, Washington*, July 1986. Prepared for Kenworth Truck Company by GeoEngineers Inc, Bellevue, Washington.

GeoEngineers Incorporated (1987a). *Site Environmental Assessment, Former Monsanto Waste Disposal Area, Seattle, Washington*, January 1987. Prepared for Kenworth Truck Company by GeoEngineers Inc, Bellevue, Washington.

GeoEngineers Incorporated (1987b). Report of Geotechnical Services, Proposed Wastewater Treatment Facility and Chemical Management Facility, Kenworth Truck Manufacturing Facility, King County, Washington, September

25, 1987. Prepared for Kenworth Truck Company by GeoEngineers Inc, Bellevue, Washington.

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses:

Agency Comments

GeoEngineers Incorporated (1988). *Phases 3 and 4 Technical Report, Site Environmental Assessment, Kenworth Truck Manufacturing Facility, King County, Washington,* January 26, 1988. Prepared for Kenworth Truck Company by GeoEngineers Inc, Bellevue, Washington.

GeoEngineers (1990). *Remedial Feasibility Assessment, Subsurface Solvent Contamination, North Fire Aisle, Kenworth Truck Manufacturing Facility, Tukwila, Washington*, May 25, 1990. Prepared for Kenworth Truck Company by GeoEngineers, Bellevue, Washington.

GeoEngineers (1995a). *Interim Status Report, North Fire Aisle, Kenworth Truck Manufacturing Facility, Seattle, Washington*, August 1, 1995. Prepared for Kenworth Truck Company by GeoEngineers, Bellevue, Washington.

GeoEngineers (1995b). *Remediation Monitoring Boneyard Hydraulic Oil Spill, Kenworth Truck Plant, Seattle, Washington*, September 21, 1995. Prepared for Kenworth Truck Company by GeoEngineers, Bellevue, Washington.

Kennedy/Jenks/Chilton (1987a). *Data Evaluation/Risk Assessment, Former Monsanto Disposal Area, Kenworth Truck Company*, January 1987. Prepared for GeoEngineers by Kennedy/Jenks/Chilton, Federal Way, Washington.

Kennedy/Jenks/Chilton (1987b). *Report on Assessment of Storm/Non-Contact Cooling Water Quality, Kenworth Truck Company*, October 1988. Prepared for GeoEngineers by Kennedy/Jenks/Chilton, Federal Way, Washington.

Kennedy/Jenks/Chilton (1988). *Report Soil Investigation, Kenworth Truck Company*, January 1987. Prepared for Kenworth Truck Company by Kennedy/Jenks/Chilton, Federal Way, Washington.

Kennedy/Jenks Consultants. (1996). *Groundwater Monitoring Status Report – North Fire Aisle Project*, May 1996. Prepared for the Kenworth Truck Company, Tukwila, Washington. by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants. (1998). *Interim VOC Investigation Report, 8801 East Marginal Way South, Tukwila, Washington*,

Jane 1998. Prepared for the Kenworth Truck Company by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants. (1999a). *Underground Storage Tank Investigation Report, 8801 East Marginal Way South, Tukwila, Washington,* September 13, 1998. Prepared for the Kenworth Truck Company by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants. (1999b). *Catch basin Sampling Results, Kenworth Truck Company Facility*, December 9, 1999. Prepared for the Kenworth Truck Company by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants. (2000a). *Cab-Line Excavation Activities and Analytical Results,* August 2000. Prepared for the Kenworth Truck Company by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2000b). *Diesel UST Closure Report, Seattle, Washington*, September 2000. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001a). *Dry Well Evaluation, May 2000, PACCAR Inc - Seattle, Washington*, January 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001b). *Semi-Annual Groundwater Monitoring Report, PACCAR Inc - Seattle, Washington*, April 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001c). *Draft Data Gaps Investigation Work Plan, PACCAR Inc - Seattle, Washington*, September 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001d). *15W-40 Oil and Antifreeze UST Closure Report, PACCAR Inc - Seattle, Washington*, November 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001e). *Dry Well Catch Basin Cleaning Activities, PACCAR Inc - Seattle, Washington*, November 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2001f). *Supplemental Groundwater Monitoring Report, PACCAR Inc - Seattle, Washington*,

December 27, 2001. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses: **Agency Comments**

Kennedy/Jenks Consultants (2002a). *Ambient Air Monitoring Report, PACCAR Inc - Seattle, Washington*, March 2002. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2002b). *Air Sparging and Soil Vapor Extraction Pilot Study, PACCAR Inc - Seattle, Washington*, dated November 2002. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2002c). *Phase I Data Gaps Investigation Summary Report*, December 12, 2002. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2003a). *Dry Well Evaluation Letter – Report, PACCAR Inc – Seattle, Washington*, April 2003. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2003b). *Underground Storage Tank Closure Report, South Fire Aisle USTs E2, E5, and E6, and Acetone UST E7*, June 2003. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2003c). *Technical Addendum to Data Gaps Work Plan, PACCAR Inc - Seattle Facility*, June 2003. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2004). *Phase II Data Gaps Investigation Summary Report, 8801 East Marginal Way South Property*, November 2004. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2005a). *Air Sparging and Soil Vapor Extraction System Installation, Startup, and Quarterly Operations Report, 8801 East Marginal Way South Property*, February 7, 2995. Prepared for PACCAR Inc by Kennedy/Jenks Consultants, Federal Way, Washington.

Kennedy/Jenks Consultants (2007). *Air Sparging and Soil Vapor Extraction System, 2nd Quarter 2007 Operations Report, 8801 East Marginal Way South Property*, December 2007. Prepared

for PACCAR Inc. Kennedy/Jenks Consultants, Federal Way, Washington.

Windward Environmental LLC (2007), *Draft Remedial Investigation Report-Executive Summary, Lower Duwamish Waterway Remedial Investigation, Submitted to the US Environmental Protection Agency, Region 10 and The Washington State Department of Ecology, Northwest Field Office*, November 5, 2007

8. 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, no other applications are known to be pending.

Applicant Responses: **Agency Comments**

9. List any government approvals or permits that will be needed for your proposal.

Washington State Department of Ecology – approval of the Final Intermediate Remediation Work Plan

In addition, a City of Tukwila Public Works (Type C) permit and a request for exemption of the Shoreline Permit have been identified as necessary permits to conduct the outfall excavation.

10. 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.

Remedial actions to be performed at the Site include partial removal of contaminated soil (excavation of the closed storm water outfall), construction and/or repair of a protective asphalt/concrete cap over possibly contaminated soils, installation of the groundwater treatment systems, and the use of enhanced reduction dechlorination to augment naturally occuring biodegradation via injections of oxygen releasing compound (ORC), and the construction and use of extraction and/or monitoring wells to determine attainment of remediation levels.

11. 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, the tax lot number, 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 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.

Address: 8801 East Marginal Way South, Tukwila, WA

Location: SW ¼, Sec. 33, T24N, R4E

King County Tax Account: 5422600060

Refer to project drawings for work areas.

12. Does the proposal lie within an area designated on the City's Comprehensive Land Use Policy Plan Map as environmentally sensitive?

No

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

The project site is generally Flat. Greater than 95% of surface is covered with buildings or pavement.

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

5 to 10 percent on vehical ramps, otherwise the site is flat.

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.

Site soils consists of gravel, silty gravel, poorly graded sand, silty sand, sandy silt, and silt.

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

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

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

The currently closed storm water outfall (Middle Outfall) to the Lower Duwamish Waterway (LDW) is present on the Site at the western property boundary. The storm line associated with the outfall extends eastwards approximately 75 feet to the north catch basin and then approximately 15 feet beyond before terminating. The project will remove the discharge pipe, storm water line, catch basin, and associated infrastructure of the middle outfall. Removal of these structures is anticipated to require an excavation from the storm drain line at the property boundary with the LDW eastward to just beyond catch basin. Excavation will include the soils directly surrounding the storm water line and infrastructure. The total depth of the excavation is anticipated to be no more than 6 feet. An excavation length of up to approximately 90 feet is anticipated but may differ based on the actual location and extent of storm water line. Following receipt of the analytical results that confirmed the impacted soil has been removed to the most stringent applicable screening criterion, the excavation will be backfilled and compacted. The excavation will be backfilled with clean imported backfill material. The backfill material will be free of organic matter, debris, and other deleterious materials. The backfill will be placed in lifts approximately 6 inches in thickness. The lifts will

be compacted with a backhoe bucket until there will be no visible displacement. The final surface will be graded and covered with an asphalt cover.

f. Could erosion occur as a result of clearing, construction, or use?

If so, generally describe.

The potential for erosion is minimal for this project as little exposed soils will result. Best Management Practices (BMPs) specified in the project-specific Temporary Erosion and Sediment Control (TESC) plan will be implemented to further reduce the likelihood of any soil erosion.

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

Greater than 95 percent of the project site is covered with impervious surfaces. Upon project completion there will be no change from current conditions.

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

BMPs for erosion control with regards to stockpile storage and loading for disposal will conform to *King County Stormwater Pollution Prevention Manual,* January 2005, Activity Sheet A-6 – Storage of Contaminated Soils; and *King County Surface Water Design Manu*al, January 2005, Section 1.2.5. TESC Plan will be prepared for each phase of the project. Erosion control measures will be implemented in advance of any excavation work and removed only after the completion of all work. All stockpiles will be placed on plastic, covered in plastic, and the edges of the plastic secured to prevent lifting. As necessary, related runoff will be monitored and additional actions implemented if turbidity values increase.

2. Air

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

Motorized equipment used during construction would result in a slight increase in emissions over existing conditions. Emissions would return to existing conditions after project construction was completed.

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

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

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

All motorized equipment used during construction and for maintenance of the facility after construction will be maintained to achieve peak performance and reduce the amount of emissions

generated. Motorized equipment will be shut off during periods of non-use.

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.

Yes. The Duwamish Waterway is adjacent to the site to the west. The Duwamish Waterway discharges to Elliot Bay.

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.

Some work areas are within 200 feet of the Duwamish Waterway. No work is planned over or in the Duwamish Waterway.

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.

No fill or dredge material will be placed in 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.

The proposal will not require surface water withdrawals or diversions.

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

No. However, a small portion of the site (± 5,000 square feet at the southwestern corner) may be included in FEMA zone "AE" (special floor hazard areas inundated by 100-year flood – base flood elevations determined). The FEMA base flood elevation is 8.4 feet. A portion of the rip-rap bank along the Duwamish Waterway may be included in the FEMA zone "AE".

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.

There will be no discharges of waste material to surface waters.

b. Ground:

1. Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities, if known.

Minimal groundwater withdrawal such as collecting samples from the groundwater wells at the Site is anticipated. Discharge to groundwater is not anticipated.

2. Describe waste materials 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 material is anticipated to be discharged into the ground from any source.

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? Will this water flow into other waters? If so, describe.

   Stormwater runoff will occur due to impervious surfaces on the site. Stormwater runoff will be collected by existing catch basins. Filter fabric and erosion controls are currently installed in catch basins throughout the site. Additional measures, as described in the project's TESC plan will be implemented to control stormwater runoff from the project area.

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

   Waste materials are not expected to enter ground or surface waters.

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

Erosion control measures such as supported silt fence, covering stockpiles with straw or plastic, and other measures will be implemented in advance of any excavation work and removed only after the completion of all work. All stockpiles will be placed on plastic, covered in plastic and the edges of the plastic secured to prevent lifting. As necessary, related runoff will be monitored and additional actions implemented if turbidity values increase.

4. Plants

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

X	**Deciduous tree**: alder, maple, aspen, other
X	**Evergreen tree**: fir, cedar, pine, other
X	**Shrubs**
	Grass
	Pasture
	Crop or grain
	Wet soil plants: cattail, buttercup, bulrush, 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 as a result of the proposed project.

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

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

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

Landscaping is not proposed as part of this project.

5. **Animals**

a. Circle any birds or 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:
Mammals	Deer, bear, elk, beaver, other:
Fish	Bass, salmon, trout, herring, shellfish, other:
Other	

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

Chinook salmon and Steelhead, which are listed as threatened species, are known to use the Duwamish Waterway.

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

Use of the project site by migratory species is unknown.

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

The project will not affect the wildlife existing near the site; therefore, no measures are proposed to preserve or enhance wildlife.

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.

The project will use diesel fuel, gasoline, and electricity to power construction machinery and equipment.

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

The project will not affect the potential use of solar energy by adjacent properties.

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:

There are no proposed measures to reduce or control energy impacts

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 a potential for exposure to hazardous wastes during soil excavation activities at the project site. Potential exposure to chemicals of concern in soil and groundwater will be addressed in the Site Health and Safety Plan (HASP), as will general health and safety considerations.

1. Describe special emergency services that might be required.

Special emergency services are not anticipated be required for the project. The Site HASP would describe emergency procedures to be followed during implementation of the project.

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

A site HASP will be prepared and implemented. Daily safety meetings will be conducted during project activities.

b. Noise

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

General industrial and aircraft noise occurs in the project area. These noise sources are not expected to affect the project.

2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise may be created by project construction, but will be limited to normal working hours, approximately 7 AM to 6 PM. Construction activities are anticipated to be completed within one month of project startup. There are no anticipated changes to noise types or levels after completion of the project.

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

Measures to reduce and control noise impacts during construction will be to limit the hours of construction to normal working hours, and to use Best Management Practices such as normal vehicle maintenance and the use of engine mufflers.

8. Land and Shoreline Use

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

The project site and surrounding are is primarily industrial.

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

The site has been used for industrial purposes for many decades. It is unknown if agricultural practices ever occurred at this site.

c. Describe any structures on the site.

Warehouse for car storage, as well as administrative and site maintenance buildings are present on the site.

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

No structures are proposed to be demolished.

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

Manufacturing Industrial Center/Heavy Industrial (MIC/H)

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

MIC/H

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

A portion of the project area lies within the City of Tukwila's proposed high intensity shoreline environment.

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

A portion of the site lies within the Duwamish Waterway's 200-foot river buffer.

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

It is not known how many people would work at the project site upon completion of the project. No one would reside at the project site.

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

The completed project would not displace any people.

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

No measures are needed to avoid or reduce displacement impacts.

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

The proposal is compatible with existing and projected land use and plans.

9. Housing

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

No housing would be provided by this project.

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

No housing would be eliminated by this project.

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

No measures are proposed to reduce or control housing impacts.

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 structures proposed for the project.

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

No views in the immediate vicinity will be obstructed.

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

Aesthetic impacts are not anticipated. Therefore no measures to reduce or control impacts are required.

11. Light and Glare

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

No significant light or glare will be produced by the project.

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

Light or glare from the finished project will not be a safety hazard, nor will it interfere with views.

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

There are no existing off-site sources of light or glare that could affect the proposal.

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

No measures to reduce or control impacts are required.

12. Recreation

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

There are no recreational opportunities in the immediate vicinity.

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

The proposed project would not displace any existing recreational uses.

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

No measures to reduce or control impacts are required.

13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, National, State, or Local preservation registers known to be on or next to the site? If so, generally describe.

There are no places or objects listed on, or proposed for listing on or next to the site.

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

There are no known landmarks or evidence of historic, archaeological, scientific, or cultural importance on or next to the site.

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

No measures to reduce or control impacts are required.

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.

East Marginal Way South serves the site through four access gates.

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

The nearest transit stop is at the intersection of East Marginal Way South and 87th Place, within 1 block of the project site.

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

No changes are proposed to the existing parking facilities.

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).

The project would not require new roads or improvements to existing roads.

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

Rail transport may be used for transport of impacted soil to disposal facilities, but would be trucked from the site to an offsite rail transfer facility.

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

The completed project would not change existing weekday vehicular trips.

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

There are no proposed measures to reduce or control transportation impacts.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

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

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

None proposed.

16. Utilities

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The utilities proposed for the project are the same as those currently used at the site.

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: _____

(NON-PROJECT PROPOSALS (E.G., SUBURBAN PLANS AND ZONING CODE TEXT CHANGES) MUST COMPLETE THE FOLLOWING PAGES).

Please respond to all questions. Use separate sheets as necessary.

Applicant Responses: Agency Comments

D. SUPPLEMENTAL SHEET FOR NON-PROJECT PROPOSALS

(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 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 proposals be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

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

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

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

Proposed measures to protect or conserve energy and natural resources are:

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 habitats, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

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?

Proposed measures to avoid or reduce shoreline and land use impacts are:

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

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with Local, State, or Federal laws or requirements for the protection of the environment.