WASHINGTON STATE DEPARTMENT OF ECOLOGY

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:

The environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

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

For nonproject actions, the references in the checklist to the works "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic are," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

   Interim Remedial Action Soil Cleanup at Apple Valley Elementary School

2. Name of applicant:

   Washington State Department of Ecology

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

   Mark Dunbar

   15 W. Yakima Ave, Suite 200

   Yakima, WA 98902

   (509) 454-7836

4. Date checklist prepared:
   February 2, 2012

5. Agency requesting checklist:
   Washington State Department of Ecology

6. Proposed time or schedule (including phasing, if applicable):
   June 1 – September 1, 2012.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
   Final Cleanup Action may be performed in the future, or may not be needed, depending on the success of the Interim Remedial Action.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
   An interim action plan has been developed. The interim action plan and additional information on soil contamination is available at Ecology's Central Regional Office.

9. Do you know whether applications are pending for governmental approvals or other proposals directly affecting the property covered by your proposal? If yes, explain.
   None known.

10. List any government approvals or permits that will be needed for your proposal, if known.
    A permit from the City of Yakima will be required to install a stormwater drainage system in the parking area.
    A Notice Of Intent Application for Construction Stormwater NPDES and State Waste Discharge General Permit will be filed.
    The contractor will be required to file a dust control plan with the Yakima Regional Clean Air Agency.
    (Note: City of Yakima requires a grading permit for excavation and removal of 3 feet or more of soil, but the depth of soil excavation and removal for this project is not expected to exceed 1 foot.)

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.)
    The interim remedial action will include excavation and removal of lead and arsenic contaminated soil, placement of a permeable geotextile barrier, capping of contaminated soil with clean topsoil or an appropriate landscaping material, and re-establishment of grass turf. The project will include the playground and other areas of the school property utilized by children. The irrigation system will be modified or replaced as necessary to establish and maintain grass cover. A storm water drainage system will be constructed to accommodate runoff from the parking area. Ecology is providing the funding, management, and technical oversight for the project, and will be acting as the lead SEPA agency for the project.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including 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 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.

Apple Valley Elementary School

7 N. 88th Ave. Yakima, WA 98908

Yakima County Assessor's Parcel # 181319-42021 and 181319-42006

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Flat.

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

5 %

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, mulch)? If you know the classification of agricultural soils, specify them and note any prime farmland.

NRCS soil classification for the site is Cowiche loam and Harwood loam.

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

None known or observed.

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

Some contaminated soil will be excavated to a depth of approximately eight inches, hauled off-site, and disposed at a properly permitted landfill. Topsoil, clean fill, and soil amendments, which will come only from sources with a known and acceptable composition, will be imported to the site and placed on top of the existing soil to an approximate depth of eight inches. Turf will be established in this imported soil. Grade at completion of the project will be as close as practicable to pre-project grade.

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

During construction, the potential for erosion exists if there is precipitation during earthwork. However, storm water control measures and an erosion and sediment control plan will be developed and implemented as part of the construction project to minimize erosion. Following construction, erosion potential at the elementary schools will be approximately the same as prior to the project since the sites will be returned to approximately the same grades, with new turf installed.

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

The project will not affect or change impervious surface coverage at the school.

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EVALUATION FOR AGENCY USE ONLY

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Erosion control plan will be implemented during construction.

2. Air

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

Dust will be generated during the construction phase of the project. No additional dust will be generated following completion of the project.

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

No.

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

Water or other dust inhibitors will be used to minimize dust emissions.

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 if flows into.

There is no surface water in the immediate vicinity of the site.

The nearest point of the Condon Canal is approximately 700 ft. from school property.

The nearest point of Wide Hollow Creek is approximately 1.4 miles from school property.

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

N/A

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.

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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.

Storm water runoff from the parking area will be discharged to a proposed storm water system which will include at least one drywell. Quantity unknown.

2) Describe the 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 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 runoff currently occurs from the existing parking lot located west of the school building. The project will include construction of an approved storm water drain system to prevent runoff from leaving school property. The proposed system will discharge to at least one drywell located on school property. The project will not affect runoff other than to eliminate the problem of storm water runoff from the parking lot.

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

It is possible that any waste materials spilled in the parking area could enter groundwater through the proposed storm water drain system.

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

During construction an erosion and sediment control plan will be implemented as part of the construction project.

4. Plants

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

_X__ deciduous tree: alder, maple, aspen, other

___ evergreen tree: fir, cedar, pine, other

_X__ shrubs

_X__ grass

___ pasture

___ crop or grain

___ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

___ water plants: water lily, eelgrass, milfoil, other

___ other types of vegetation

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EVALUATION FOR AGENCY USE ONLY

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

Grass will be removed but will be replaced with new grass.

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

None.

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

None

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

A study was not undertaken, but various songbirds might be expected at a suburban school setting.

birds: hawk, heron, eagle, songbirds, other: .....

mammals: deer, bear, elk, beaver, other: .....

fish: bass, salmon, trout, herring, shellfish, other: .....

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

None known.

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

Unknown.

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

None.

6. Energy and Natural Resources

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

N/A

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:

N/A

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 limited potential that workers may be exposed to environmental

health hazards during implementation of the interim remedial action. Appropriate personal protective equipment (PPE) will be used by workers on the site to prevent exposure to environmental health hazards.

1) Describe special emergency services that might be required.
Ambulance services if there is an accident.

2) Proposed measures to reduce or control environmental health hazards, if any:
Workers on site will wear appropriate PPE and use good personal hygiene to prevent exposure to contaminated soils on site.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
Traffic noise exists in the area but will not affect project.

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 from equipment operation and trucks.

3) Proposed measures to reduce or control noise impacts, if any:
No construction work will be performed between the hours of 6 p.m. and 6 a.m.

8. Land and Shoreline Use

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

b. Has the site been used for agriculture? If so, describe.
Previous to school construction.

c. Describe any structures on the site.
School buildings and school-related facilities.

d. Will any structures be demolished? If so, what?
No potential demolitions have been identified as part of the plan.

e. What is the current zoning classification of the site?
R-1 Single Family Residential

f. What is the current comprehensive plan designation of the site?
Yakima County Comprehensive Plan - 2015

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

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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?

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:

The project will not affect existing or projected land use.

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**

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12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?
Playgrounds at schools are generally used by the public.

b. Would the proposed project displace any existing recreational uses? If so, describe.
School playgrounds will not be available for public use during construction.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
None.

13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
Unknown.

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

c. Proposed measures to reduce or control impacts, if any:
Since the work will occur in areas that already have been developed for the same use, it is unlikely that evidence of historical or cultural importance will be encountered during this work. Should such evidence be encountered, however, work will be stopped and appropriate experts contacted to evaluate the evidence.

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.
See attached map for school location. Trucks and mobile equipment will be used during construction.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
Public transit to schools is provided for students only.

c. How many parking spaces would the completed project have? How many would the project eliminate?
The project will not eliminate or create any parking spaces.

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.

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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 in vehicular traffic will be generated by the completed project (there will be truck traffic during construction).

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

None.

15. Public Services

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

No.

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

N/A

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

Electricity, water, refuse service, telephone, and septic system are available.

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 project will not change the status of existing utility service to the school, but the school district may decide to abandon the existing septic system and connect to the sanitary sewer system prior to installation of the cap.

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: 2/29/12

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

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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 substances; or production of noise? **N/A (This project will cause no changes to current land use; non-project activities will remain unchanged by this project).**

   Proposed measures to avoid or reduce such increases are:

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

   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? **N/A**

   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 habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands? **N/A**

   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? **N/A**

   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 services and utilities? **N/A**

   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. **N/A**

Apple Valley Elementary School Vicinity Map