

WAC 197-11-960 Environmental checklist.

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, 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 words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: **Schroeder Field Turf Replacement**
2. Name of applicant: **Kelso School District No. 458**
3. Address and phone number of applicant and contact person:
4. Date checklist prepared: **June 13, 2018**
5. Agency requesting checklist: **City of Kelso**

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6. Proposed timing or schedule (including phasing, if applicable): **Construction anticipated to occur from late July into September 2018**
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? **No.** If yes, explain.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. **Stormwater technical memo, City of Kelso Fill & Grade Permit Application, and a Construction Stormwater NPDES permit application.**
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? **None.** If yes, explain.
10. List any government approvals or permits that will be needed for your proposal, if known. **City of Kelso Fill & Grade Permit, coverage under the General Construction Stormwater NDPES permit, City of Kelso stormwater permit, and a project construction specific Stormwater Pollution Prevention Plan.**
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 applicant proposes to replace the existing natural grass turf football athletic field at Schroeder Field at Kelso High School with a new synthetic turf athletic field.

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.

Address of the project is 1904 Allen Street, Kelso, Washington 98626. Schroeder Field is in the southeast portion of the Kelso High School campus (Section 26, T8N, R2W W.M.).

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B. Environmental elements

1. Earth

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

The project site is flat.

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

1%.

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

The existing football consists of grass, topsoil, sand that was imported when the field was originally constructed and sandy silt or silt with sand with a trace of gravel.

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

None.

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

The existing grass (2-inches), topsoil (6-inches) and some of the originally imported sand (1-inch) will be removed. The total volume of material to be removed is approximately 2,650 cubic yards. New imported fractured aggregate consisting of approximately 2,050 cubic yards of fractured AASHTO No. 57 and AASHTO No 8 or equivalent graded aggregate.

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

Erosion will not occur as a result of construction because the field is essentially and there is an existing concrete curb around the perimeter of the existing field that will remain and the new artificial turf will be attached to.

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

0% impervious surfacing will exist within the project limits at the completion of completion of construction as the new field will be pervious synthetic turf.

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

No erosion will occur during construction because of the flatness of the site and the existing concrete curb around the perimeter of the field.

2. **Air**

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

During construction exhaust from construction equipment and material supply trucks will occur.

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

None.

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

Construction equipment and material supply trucks will comply with current emissions regulations for this type of equipment.

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.

No, the Coweeman River is approximately 1,500 feet south of the project site.

- 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.

Not Applicable.

- 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, the project site is behind the flood protection levee on the north side of the Coweeman River.

- 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:

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

All precipitation hitting the field will pass through the turf field and will infiltrate into the groundwater during the drier portion of the year. During the wetter portion of the year all precipitation hitting the field will pass through the turf field and be collected in the existing under drain piping system that will remain in place.

- 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.

All precipitation hitting the field will pass through the turf field and will infiltrate into the groundwater during the drier portion of the year. During the wetter portion of the year all rainfall hitting the field will pass through the turf field and be collected in the existing under drain piping system that will remain in place. The existing under drain piping system is connected to the storm piping that drains the track portion of the facility. The storm piping system discharges to Consolidated Diking Improvement District No. 3's large pipeline that is an intertie between the Tam 1 and Tam 2 stormwater pump stations. Both of these storm water pump stations discharge stormwater to the Coweeman River.

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

No because the field is bordered by a concrete curb around the full perimeter of the field and all precipitation hitting the field will pass through the synthetic turf.

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

None.

4. Plants

- a. Check or circle types of vegetation found on the site:
- deciduous tree: alder, maple, aspen, other
 - evergreen tree: fir, cedar, pine, other
 - shrubs
 - 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

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

All of the field's existing natural grass will be removed and replaced with new synthetic turf.

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

None known.

- 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:

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.

No endangered species are on the site. Bald eagles have been seen flying in the vicinity of the field.

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

No.

- 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 it

will be used for heating, manufacturing, etc.

Electrical energy is used at the stadium for lighting the field, and to power stadium equipment and facilities such as concessions and public address systems.

- 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 synthetic turf field will not need to be mowed as the existing grass field does. This will result in a reduction of gasoline powered field maintenance equipment.

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.

No.

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

None.

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

None.

- b. Noise

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

Traffic noise from Allen Street, recreational use noise from Tam O'Shanter Park when athletic games/events are in progress. These occur now and will affect the 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.

A slight increase in traffic noise will occur during construction from the construction equipment and material delivery trucks. After completion of construction, noise created will be the same as occurs now. When the field and associated stadium are in use for athletic events crowd and public address noise occurs. The frequency and amount of noise due to use of the facility will not increase after completion of the project.

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

None.

8. Land and shoreline use

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

The current use of the site is an athletic field and this use will not change after completion of the project. Adjacent properties are part of the applicants large high school and middle school campus. South of the field is the city's Tam O'Shanter park which will remain.

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

No, the existing stadium was constructed in 1978.

- c. Describe any structures on the site.

None within the limits of the project. The grandstand structure is part of the overall facility and is located immediately west of the field on the outside of the athletic track.

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

No existing structure will be demolished.

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

Residential Multi-family

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

Public Services and Education

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

The project site has no shoreline master program designation per the draft Shoreline Environment Designation map on the City of Kelso's website.

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

The site is highlighted on the City of Kelso's Seismic Hazards map as being an area subject to seismic hazards as is all of the surrounding area.

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

None will reside within the completed project. The number of people that will work within the completed project will not change and consists of applicant maintenance workers that perform periodic maintenance work, and security, staff and others that work at the facility during athletic events.

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

None.

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

None.

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

None, because the existing use will not change with the completed project.

9. Housing

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

Not applicable

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

Not applicable

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

Not applicable

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?

Not applicable

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

Not applicable

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

Not applicable

11. Light and glare

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

The project will not result in a change of light or glare that occurs at the existing facility during nighttime athletic events.

- 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:

12. Recreation

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

The existing facility is utilized for applicant and special use athletic events. Tam O'Shanter park to the south is a designated recreational multi-use park owned by the City of Kelso. The Coweeman River flood protection levee is utilized for walking in the vicinity of the proposed project. The applicants gymnasiums and other athletic fields within the high school and middle school campus are also used for applicant and special use recreation events.

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

No.

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

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.

No.

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

None.

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

None.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

The site is currently accessed off Allen Street to the north. See vicinity map on the attached drawings.

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

No. The nearest River City Transit stop is approximately ¼ of a mile west of the project site.

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

The existing facility parking consisting of 529 parking spaces and that is part of the high school and middle school campus will remain the same.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No.

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

No.

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

The number of vehicular trips per day generated by the completed project is zero. Vehicular trips will be generated during events being held at the stadium. Approximately 1,000-1,500 vehicular trips will occur during an event at the stadium. Peak volumes will occur about 1-1.5 hours before the start of an event and within 1 hour after the conclusion of an event.

- 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.

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

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

None.

16. Utilities

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

The bold and italicized utilities above are available at the site.

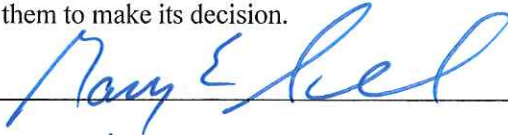
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None.

C. Signature

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

Signature: _____



Date Submitted: _____

