

# 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**

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** [Find help answering background questions](#)

### **1. Name of proposed project, if applicable:**

**Stormwater Regulation Adoption (LMC 13.40 Stormwater Management & LMC 13.45 Surface Water Quality)**

### **2. Name of applicant:**

Derek Fada, Environmental and Surface Water Supervisor, City of Lynnwood.

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

Lynnwood City Hall  
PO Box 5008  
Lynnwood, WA 98046-5008  
425-670-5242

### **4. Date checklist prepared:**

February 7<sup>th</sup>, 2023

### **5. Agency requesting checklist:**

City of Lynnwood Environmental Review Committee

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

The revised code is schedule to go to City Council for approval in April 2023.

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

The City is required to update this code per the National Pollution Discharge Elimination System (NPDES) Phase II Municipal Stormwater Permit issued by the Department of Ecology (WDOE). There are numerous other activities required by this Permit, which we will be implementing over the course of the next few years. Copies of this permit can be found online at our website, or on the WDOE website.

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

Washington State Department of Ecology's 2019 Stormwater Management Manual for Western Washington.

**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.**

N/A

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

None known.

- 11. Give a 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.)**

This non-project proposal updates LMC Chapter 13.40 and LMC 13.45 to implement the requirements of NPDES Phase II permit issued by the Department of Ecology. This update will reflect advancements in stormwater management techniques, update definitions required by the Department of Ecology, incorporate required Source Control Inspection references, and requiring stricter flow control in the Perrinville Creek watershed to match requirements set forth by the City of Edmonds.

- 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.**

Throughout the City.

## B. Environmental Elements

### 1. Earth [Find help answering earth questions](#)

#### a. General description of the site:

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

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

Greater than 40%

#### 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.

Predominant soils found across the City include Alderwood gravelly sandy loam and Alderwood urban land complex.

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

Unknown

#### 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.

Not applicable.

#### f. Could erosion occur because of clearing, construction, or use? If so, generally describe.

Not applicable.

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

Not applicable.

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

The regulation update is designed to improve, and minimize or eliminate erosion and other impacts to the earth from development, redevelopment, and construction sites caused by stormwater runoff.

## 2. Air [Find help answering air questions](#)

**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.**

Not applicable.

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

Not applicable.

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

Not applicable.

## 3. Water [Find help answering water questions](#)

**a. Surface Water:** [Find help answering surface water questions](#)

**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.**

All storm drainage in the City drains to the following basins:

Swamp / Scriber Creek  
Hall Lake / Hall Creek  
Perrinville Creek  
Lund's Gulch  
Meadowdale Glen  
Puget Sound

**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.**

Not applicable.

**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 a general description, purpose, and approximate quantities if known.**

None.

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

Some of the critical areas regulated by the proposed ordinance will lie within the 100-year flood plan. These flood plains can be found in FEMA FIRM maps.

**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.**

This code revision will strengthen the City's ability to regulate the negative affects of uncontrolled development and illicit discharges that can cause damage to the storm system and receiving waters.

**b. Ground Water:** [Find help answering ground water questions](#)

**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 a 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 (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.**

The code stresses source control of pollutants and for sites with 5,000 square feet or more of pollution generating impervious surfaces, requires runoff treatment prior to discharge. The maintenance provisions of the code require all waste material be disposed of in accordance with Federal, state, and local regulations.

**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.**

This proposal will affect all sources of runoff throughout the City. Most storm drains in the City discharge to a creek, in the basins listed above. The intent of this code revision is to strengthen the City's ability to regulate the negative affects of uncontrolled development that can discharge pollutants and cause damage to the storm system and receiving waters.

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

Not applicable.

**3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.**

Not applicable.

**4. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any.**

This code revision will strengthen the City's ability to regulate the negative affects of uncontrolled development and illicit discharges that can cause damage to the storm system and receiving waters.



#### 4. Plants [Find help answering plants questions](#)

a. Check the 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
- ☐ 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?

Not applicable.

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

Not applicable.

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

Not applicable.

e. List all noxious weeds and invasive species known to be on or near the site.

Not applicable.

#### 5. Animals [Find help answering animal questions](#)

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

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.

The City does not contain any endangered or threatened species.

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

Unknown.

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

Not applicable.

e. List any invasive animal species known to be on or near the site.

Not applicable.

**6. Energy and Natural Resources** [Find help answering energy and natural resource questions](#)

- 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.

Not applicable.

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

Not applicable.

- 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.

Not applicable.

**7. Environmental Health** [Find help with answering environmental health questions](#)

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

It is intent of this proposed ordinance to protect the public health, safety and welfare by preventing adverse impacts of development.

1. Describe any known or possible contamination at the site from present or past uses.

Not applicable.

- a. 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.

Not applicable.

- b. 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.

Not applicable.

- c. Describe special emergency services that might be required.

None.

- d. 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)?**

None.

- 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)?**

Not applicable.

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

None.

## **8. Land and Shoreline Use** [Find help answering land and shoreline use questions](#)

- 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 proposed regulations would affect all sites throughout the City, regardless of land designation.

- 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 because 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?**

Not applicable.

- 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?**

Not applicable.

- c. Describe any structures on the site.**

Not applicable.

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

Not applicable.

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

The proposed regulations would affect all sites throughout the City, regardless of land designation.

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

The proposed regulations would affect all sites throughout the City, regardless of land designation.

**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.**

All wetlands, streams, priority species and habitat, geologically hazardous areas, frequently flooded areas and critical aquifer recharge areas throughout the City are designated as Critical Areas under LMC 17.10.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

These regulations are in line with the goals established in the City's Comprehensive Plan, and the Surface Water Management Plan.

**m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any.**

Not applicable.

**9. Housing** [Find help answering housing questions](#)

**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.**

Not applicable.

**10. Aesthetics** [Find help answering aesthetics questions](#)

- 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?

None.

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

Not applicable.

**11. Light and Glare** [Find help answering light and glare questions](#)

- 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?

Not applicable.

- 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.

Not applicable.

**12. Recreation** [Find help answering recreation questions](#)

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

Not applicable.

- 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** [Find help answering historic and cultural preservation questions](#)

- 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.

Not applicable.

- 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.

None.

- 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.

Not applicable.

- 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.

Not applicable.

**14. Transportation** [Find help with answering transportation questions](#)

- 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.

Not applicable.

- 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?

Not applicable.

- c. 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).

NOT APPLICABLE.

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

Not applicable.

- e. 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?

Not applicable.

- f. 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.

Not applicable.

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

Not applicable.

**15. Public Services** [Find help answering public service questions](#)

- 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.

Not applicable.

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

Not applicable.

**16. Utilities** [Find help answering utilities questions](#)

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

Not applicable.

- 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.

Not applicable.

**C. Signature** [Find help about who should sign](#)

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.



Recoverable Signature

X Derek Fada

Signed by: 27603d90-3d51-4b1d-91e1-7b597c037f64

Type name of signee: Derek Fada

Position and agency/organization: Environmental and Surface Water Supervisor, City of  
Lynnwood

Date submitted: 2/7/2023

## **D. Supplemental sheet for nonproject actions** [Find help for the nonproject actions worksheet](#)

**IT IS NOT REQUIRED** to use this section for project actions.

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

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

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

These regulations are in line with the goals established in the City's Comprehensive Plan, and the Surface Water Management Plan.

- **Proposed measures to avoid or reduce such increases are:**

The revised code strengthens the requirements and the enforcement provisions. The revised code includes actions the City can take to enforce standards on property owners to maintain their stormwater quantity and quality controls so they operate as designed.

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

With less pollutants entering the stormwater system and receiving waters, a beneficial effect on aquatic plants and animals should be realized.

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

Not applicable.

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

Not applicable.

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

The proposed measure should protect better protect aquatic natural resources in the City.

### **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?**

These regulations will affect and improve all surface water discharges to streams and wetlands throughout the City. With less pollutants entering the stormwater system and receiving waters, a beneficial effect on sensitive aquatic areas should be realized.

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

Not applicable.

### **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?**

Not applicable.

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

With less pollutants entering the stormwater system and receiving waters, a beneficial effect on shorelines should be realized.

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

Not applicable.

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

Not applicable.

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

The proposed amendments are designed to be consistent with other applicable laws and/or requirements, including the NPDES Phase II Municipal Stormwater Permit, the City's Comprehensive Plan, and Surface Water Management Plan.