

# **SEPA ENVIRONMENTAL CHECKLIST**

UPDATED 2014

## ***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:*** [\[help\]](#)

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

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

## ***Instructions for Lead Agencies:***

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

## ***Use of checklist for nonproject proposals:*** [\[help\]](#)

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

## A. Background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#) **35<sup>th</sup> Avenue SE Reconstruction Project**
2. Name of applicant: [\[help\]](#) **Scott Smith, City of Mill Creek Engineering Division**
3. Address and phone number of applicant and contact person: [\[help\]](#)

**Scott Smith  
City of Mill Creek  
15728 Main Street  
Mill Creek, WA 98012**

**(425) 921-5708**

4. Date checklist prepared: [\[help\]](#) **September 17, 2015**
5. Agency requesting checklist: [\[help\]](#) **City of Mill Creek Department of Community Development**
6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

**Construction is anticipated to occur in 2017 or 2018, pending funding. Construction is estimated to take approximately 8 months, commencing in spring and ending in fall.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

**No future additions, expansion, or further activity related to or connected with this proposal are currently planned. However, the project was designed to allow for removal of the culverts at a future date to daylight the creek. .**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

- **Wetland and Stream Delineation Report (2014)**
- **Hydrologic and Hydraulic Analysis Report (2014)**
- **Cultural Resources Overview Study (2014)**
- **Geotechnical Pavement Evaluation (2011)**
- **Concept Level Geotechnical Study (2009)**
- **Geotechnical Engineering Report (1996)**

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. [\[help\]](#)

**None known.**

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

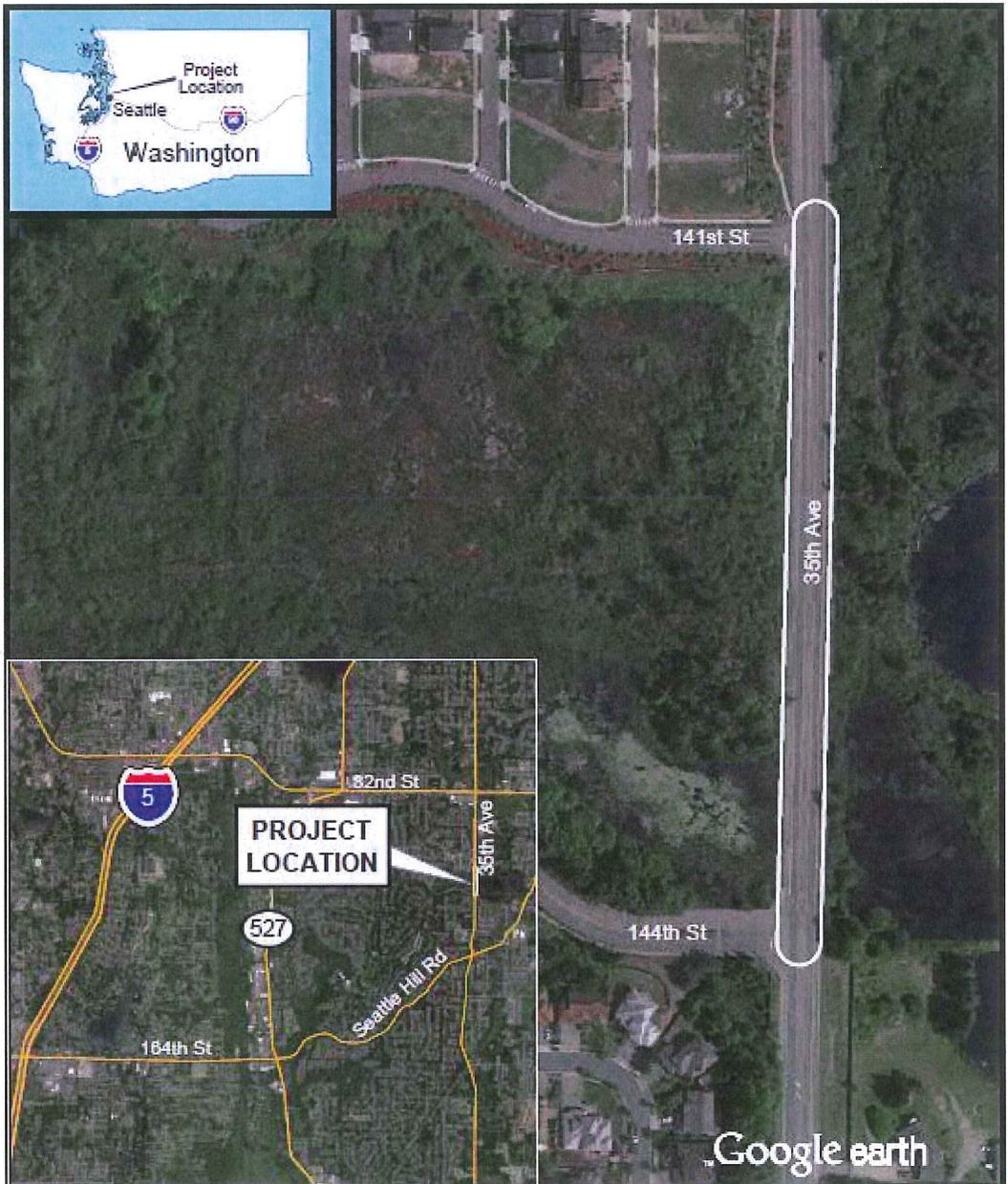
- Hydraulic Project Approval (Washington Department of Fish and Wildlife [WDFW])
- Clean Water Act (CWA) Section 404 Permit (U.S. Army Corps of Engineers)
- CWA Section 401 Permit (Washington Department of Ecology)

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.) [\[help\]](#)

**The proposed project includes raising approximately 1,000 linear feet of the 35<sup>th</sup> Avenue SE roadway between 141<sup>st</sup> Street SE and 144<sup>th</sup> Street SE to reduce flooding and associated road closures. The width of the roadway and the roadway alignment will not change.**

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. [\[help\]](#)

**The project includes the 35<sup>th</sup> Avenue SE roadway, generally between 141<sup>st</sup> Street SE and 144<sup>th</sup> Street SE in Mill Creek, Washington (see map on following page). The project is located in the SW ¼ of Section 33 in Township 28N, Range 5E of the Willamette Meridian.**



Map adapted from aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth™ Mapping Service.

**B. ENVIRONMENTAL ELEMENTS** [\[help\]](#)

**1. Earth**

a. General description of the site [\[help\]](#)

(circle one):  Flat, rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_

**The project area is generally flat. From 144<sup>th</sup> Street SE, the 35<sup>th</sup> Avenue SE roadway slopes downward to where Penny Creek flows through two 54-inch culverts, and then slopes upward to 141<sup>st</sup> Street SE.**

- b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

**The steepest slope on the site, 2.2 percent, is located along 35<sup>th</sup> Avenue SE directly north of the 144<sup>th</sup> Street SE intersection where the project alignment will tie into existing grades.**

- 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. [\[help\]](#)

**Based on the project geotechnical investigation, the 35<sup>th</sup> Avenue SE roadway soils include 1.5 to 10 feet of road fill over native peat and organic silt. The U.S. Department of Agriculture Natural Resources Conservation Service identifies the site soils in the project corridor predominantly as Mukilteo muck; Alderwood gravelly sandy loam is mapped on the southwest corner of the project area, just north of 144<sup>th</sup> Street SE.**

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

**The 35<sup>th</sup> Avenue SE project corridor is underlain by up to about 35 feet of peat. The road was reconstructed in 2002 and 2003 using hog fuel as lightweight fill and imported gravel borrow. Hog fuel was not placed in the low point of the road due to the presence of high groundwater. Gravel borrow was used instead, and this has been the area of greatest settlement (see page 22 of the geotechnical study). In the past 10 to 12 years, the area of roadway flooding has settled about 2 feet. The City of Mill Creek has been monitoring the settlement biannually since June 2009. Since that time, up to about 2.5 inches of settlement have been measured.**

- 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. [\[help\]](#)

**The project includes raising the road elevation up to 4 feet above the existing roadway elevation to reduce flooding and associated road closures. Excavation will be limited to sidewalk removal and limited over excavation to a maximum depth of approximately 3 feet at both the north and south approaches (780 cubic yards [cy]). This excavation is required to mitigate for settlement beyond the limits of the pile-supported slab with lightweight fill. There will be limited trench excavation to install drainage conveyance and structures (224 cy). Fill material consisting of gravel borrow and cellular concrete fill is estimated at 3,700 cy in volume (1,066 and 2,542 cy, respectively). Gravel borrow will be imported from a licensed facility.**

**Additional minor excavations and fill will occur in Wetland A adjacent to the roadway; these are described under Section 3a below.**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

**Erosion could occur as a result of the construction excavation and earthwork activities. Excavated areas will be properly protected or covered in accordance with Best Management Practices (BMPs) to minimize the erosion potential.**

**The contractor will designate a certified erosion and sediment control lead to monitor conditions and ensure that these practices and preventative measures are undertaken. Any bare earth area where no near-term work is scheduled to take place will be immediately stabilized with seeding, mulching, or other appropriate methods.**

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

**The site includes the existing 35<sup>th</sup> Avenue SE road right-of-way (ROW). Approximately 40 percent of the ROW is currently covered with impervious surface (asphalt). There is no appreciable increase in impervious surfaces since the roadway will be constructed in the same footprint.**

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

**The contractor will utilize silt fences, catch basin inserts, plastic sheeting, straw mulch, fiber rolls, and/or other appropriate erosion control BMPs to reduce the potential for erosion and sediment-laden water from entering the site wetland and stream.**

## 2. Air

- 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. [\[help\]](#)

**Short-term, temporary air emissions during construction from equipment, such as vehicle exhaust and possible dust, may occur. BMPs will be used to minimize and control vehicle exhaust and dust. The project is not increasing the roadway capacity; therefore, no additional air emissions are anticipated once the project is completed.**

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

**There are no known off-site sources of emissions or odor that would affect this proposal.**

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

**If necessary, BMPs would be used to control temporary air pollutant emissions in construction areas. Those could consist of requiring proper maintenance of construction equipment, avoiding prolonged idling of vehicles, spraying water to minimize dust, and periodically sweeping paved areas as necessary.**

### 3. Water

#### a. Surface Water: [\[help\]](#)

- 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. [\[help\]](#)

**Wetland A, located on both sides of 35<sup>th</sup> Avenue SE, is a Category I wetland over 50 acres in size. Penny Creek, a perennial fish-bearing stream, flows through two 54-inch culverts beneath the 35<sup>th</sup> Avenue SE roadway (see enclosed Wetland and Stream Delineation Report). The creek originates at Thomas Lake to the east, and is a tributary of North Creek to the southwest.**

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [\[help\]](#)

**Yes, the project will require work over Penny Creek, where it crosses beneath the 35<sup>th</sup> Avenue SE roadway via two 54-inch culverts, and in Wetland A on the west side of the roadway (the south stormwater outfall) and the east side of 35<sup>th</sup> Avenue SE (the north stormwater outfall).**

**Raising the height of the roadway will require alteration of the existing stormwater discharge points into Wetland A. The replacement storm drain lines (12- and 18-inch-diameter) will be placed a short distance into the wetland. Approximately 239 square feet of wetland vegetation will be damaged or removed during excavation of the trenches to place the storm drain lines. A length of flexible dispersal pipe (8-inch-diameter, 130 linear feet total) connected to each of the two storm drain lines will also be laid on the wetland surface, placed to avoid native woody vegetation, perpendicular to the drain line and at the toe of the road sideslope. A limited amount (approximately 250 square feet) of vegetation will be cut/mowed to allow placement of the flow dispersal pipes.**

- 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. [\[help\]](#)

**Two areas of wetland excavation and fill will be necessary to install the replacement storm drain lines. The total cut for the two trenches is 6.1 cy over a combined 87-square-foot area. Approximately 2.4 cubic feet of gravel backfill will be placed in the trenches as bedding and 6 inches of cover for the storm drain lines. The remainder of the trench will be filled to the original surface elevation with the native soil (approximately 0.6 cy), except where the lines emerge at the ground surface to connect with the dispersal pipe. The balance of 3.1 cy is the volume of the two pipes.**

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

**This project will not require permanent surface water diversions or withdrawals of surface water. Temporary, localized dewatering will likely be required to install the storm drain lines in Wetland A. The water will be discharged to an upland**

area or pumped into an above-ground tank and treated to meet state water quality standards.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

**The current Federal Emergency Management Agency flood insurance rate map (FIRM) shows the 35<sup>th</sup> Avenue SE roadbed as excluded from the mapped floodplain of Penny Creek. Although it is not finalized, the 2010 draft FIRM maps 35<sup>th</sup> Avenue SE as inside the Penny Creek floodplain. The wetland is in the mapped floodplain in both versions of the FIRM.**

- 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. [\[help\]](#)

**There will be no discharge of waste materials to surface waters.**

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

**No groundwater will be withdrawn from a well for drinking water or other purposes. Temporary, localized dewatering will be required for installation of drainage conveyance systems. Groundwater encountered during construction will be discharged to an upland area or pumped into an above-ground tank and treated to meet state water quality standards.**

- 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. [\[help\]](#)

**No waste materials will be discharged into the ground as a result of this project.**

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. [\[help\]](#)

**Stormwater runoff is currently collected in 21 catch basins within the roadway and conveyed through two pipe outfalls to discharge into Wetland A. Stormwater is currently not treated.**

**The project will include installing 14 catch basins to collect stormwater. Stormwater will be conveyed through storm drains to modular wetland units on the north and south ends of the project alignment. Stormwater will be treated in the modular wetland units before being discharged through flow dispersal pipes in Wetland A and Penny Creek.**

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

The primary potential pollutants are sediment from disturbed soils, petroleum products used by construction equipment, and fill materials (concrete, asphalt, and road base) to reconstruct the road.

The discharge of potential waste materials will be minimized through use of BMPs during construction. All equipment exposed to concrete will be cleaned in such a manner as to prevent cement-laden water from entering Wetland A or Penny Creek. Water that has been exposed to concrete will be captured and treated for turbidity and pH prior to being released.

The project includes treating stormwater that is currently untreated. Therefore, an overall reduction of roadway contaminants entering surface waters is expected.

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

Stormwater from the 35<sup>th</sup> Avenue SE corridor is currently discharged to Wetland A in two locations. The proposed project will redirect stormwater discharge to the north and south ends of the project corridor. Although stormwater discharge locations will change, the stormwater will continue to be discharged to Wetland A associated with Penny Creek.

The project includes raising the height of the existing roadway and constructing the roadway on a pin pile-supported concrete slab. To mitigate potential floodplain impacts associated with raising the roadway, a 24-inch pipe will be installed above the existing site culverts (and above the ordinary high water mark [OHWM] of Penny Creek) to increase conveyance capacity under the road during large rainfall events.

Therefore, no drainage patterns are expected to be adversely affected.

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

The project includes treating stormwater from the roadway and installing flow dispersal pipes at both stormwater discharge locations to reduce erosion. Water quality and the method of distribution of the water into Wetland A will be improved.

#### 4. Plants [\[help\]](#)

a. Check the types of vegetation found on the site: [\[help\]](#)

- 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? [\[help\]](#)

**Approximately 239 square feet of wetland vegetation will be damaged or removed during excavation of the trenches to place the storm drain lines. In addition, a limited amount (approximately 250 square feet) of wetland vegetation will be cut/mowed for installation of the flow dispersal pipes. This vegetation is primarily cattails at the south stormwater outflow location and spirea and willow at the north stormwater outflow location.**

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

**No threatened or endangered plant species are 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: [\[help\]](#)

**After the trenches have been backfilled with pipe bedding and then native soil placed where feasible, exposed soils and disturbed areas will be treated with native seed mix and willow stakes.**

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

**Himalayan knotweed, a Class B weed in Snohomish County, was observed on the north end of the corridor, south of 141<sup>st</sup> Street SE. Reed canarygrass, an invasive species, was also observed throughout Wetland A.**

## 5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [\[help\]](#)

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. [\[help\]](#)

**Chinook salmon and steelhead trout, both listed as threatened under the federal Endangered Species Act, are present downstream of the project area. WDFW maps a total blockage fish barrier in the Mill Creek Country Club golf course, just over a mile downstream of the project corridor. However, Chinook and steelhead salmon are modeled (but not documented) to be present in the project corridor.**

**No other threatened or endangered animal species are known to be on or near the site.**

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

**The project area lies within the Pacific Flyway, an avian migratory corridor consisting of western coastal areas of South, Central, and North America. No other migration routes are known.**

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

**No measures are proposed to enhance wildlife. Fish and wildlife will indirectly benefit from the improved water quality resulting from stormwater runoff treatment.**

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

**No invasive animal species are known to be on or near the site.**

## 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. [\[help\]](#)

**Energy usage will be limited to the existing electric street lights along the project corridor.**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

**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: [\[help\]](#)

**No energy conservation features are proposed.**

## 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. [\[help\]](#)

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

**There is no known contamination at the site from present or past uses. Possible contamination is limited to spills from vehicles using the roadway.**

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

**No hazardous chemicals/conditions are known that could affect project development and design.**

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

**Toxic or hazardous chemicals that might be stored, used, or produced during the project's construction or operation are limited to diesel, oil, and/or gasoline used by construction equipment and vehicles.**

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

**No special emergency service needs are anticipated for this project.**

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

**No special emergency service needs are anticipated for this project.**

#### b. Noise

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

**Traffic noise from 35<sup>th</sup> Avenue SE and residential noise from the surrounding neighborhoods.**

- 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. [\[help\]](#)

**During construction, noise from construction equipment may occur between the hours of 7 a.m. and 9 p.m. Monday through Friday, or 8 a.m. and 9 p.m. on weekends, in accordance with Mill Creek Municipal Code 9.14.060(B). Equipment is anticipated to run during normal working hours of operation (7 a.m. to 5 p.m. Monday through Friday) for the majority of the project.**

**Pile driving activity will have noise levels of approximately 110 A-weighted decibels (dBA) at 50 feet. The calculated distance from the project area where this noise will exceed background levels (55 dBA) is 1.5 mile. A total of 28,100 linear feet of piles will be driven. Assuming that two crews will be conducting pile-driving activities, the duration of this work would be 560 hours, or 70 working days. The primary sensitive noise receptors in the 1.5-mile radius are occupants of residential neighborhoods. There are also at least six schools, a few pockets of commercial development, a golf course and other park/recreational areas, and a number of childcare facilities.**

**Because no additional lanes are being added to the roadway, no additional long-term noise is anticipated from this project.**

- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

**The contractor will be required to keep the construction equipment's mufflers and exhaust systems in good operating condition and in compliance with City of**

**Mill Creek noise ordinances. The contractor will limit the pile driving activity to the weekday hours of 7 a.m. to 5 p.m.**

## 8. Land and shoreline use

- 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. [\[help\]](#)

**The site is currently used as a roadway. The adjacent properties are either undeveloped land or residential parcels. The project will temporarily affect access routes in the site vicinity during construction. However, no permanent impacts to current land uses on nearby or adjacent properties are anticipated.**

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

**The project site has not been used as working farmlands or working forest lands. No farmland or forest land will be converted to nonfarm or nonforest use.**

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

**No working farms or forest land are located in the site vicinity. The project is not anticipated to affect, or be affected by, working farm or forest lands operations.**

- c. Describe any structures on the site. [\[help\]](#)

**Site structures are limited to the existing roadway and associated utilities.**

- d. Will any structures be demolished? If so, what? [\[help\]](#)

**The surface of the roadway will be ground up and either reused on site or disposed of at an approved off site location.**

- e. What is the current zoning classification of the site? [\[help\]](#)

**The road ROW is not zoned. The adjacent parcels are zoned Low Density Residential (LDR) and Medium Density Residential (MDR).**

- f. What is the current comprehensive plan designation of the site? [\[help\]](#)

**The road ROW does not have a comprehensive plan designation. The adjacent parcels are LDR, MDR, and Open Space - Private.**

- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

**Not applicable.**

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

**Wetland A, a Category I wetland with a required 300-foot buffer, has been verified on both sides of the roadway. Penny Creek is classified as a fish and wildlife habitat area, and has a minimum required buffer of 75 feet. Although the OHWM of Penny Creek in the project area coincides with Wetland A's wetland boundary, the creek has a defined low-flow channel. During high flow events, the creek inundates and flows through Wetland A. Penny Creek passes under the roadway via two 54-inch-diameter culverts. The project vicinity has been mapped as a 100-year flood zone by the City of Mill Creek. The southern portion of the project site is mapped as having a moderate U.S. Geological Survey aquifer sensitivity.**

- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

**No people would reside or work in the completed project area as a result of the project.**

- j. Approximately how many people would the completed project displace? [\[help\]](#)

**No people would be displaced.**

- k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

**None needed.**

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

**The proposal will match the existing land use and will not impact future residential use of the project area.**

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

**There are no agricultural or forest lands nearby that have a long-term commercial significance, so no measures are proposed.**

## 9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

**No housing units are proposed as part of this project.**

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

**No housing units will be eliminated as part of this project.**

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

**No measures are proposed as there will be no 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? [\[help\]](#)

**The proposed roadway will be raised approximately 1 to 5 feet above the existing roadway elevation, with sidewalks approximately one-half foot above the road surface. Most of the roadway will be lined on both sides with chainlink fence; the bridge section over the culverts will be lined with a concrete pedestrian barrier topped with a railing (approximately 6 feet tall).**

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

**No views are anticipated to be altered or obstructed.**

- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

**Disturbed areas on the site will be seeded or planted after construction is complete.**

## 11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

**Project lighting includes existing street lights along the roadway. No additional lights are proposed.**

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

**No additional lighting is proposed. Existing street lights are not considered a safety hazard and do not interfere with views.**

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

**No off-site sources of light or glare will affect this project.**

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

**None.**

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

**The closest designated recreational opportunities include North Pointe Park located approximately 400 feet north/northwest of the project area, and Cougar Park, located approximately 1,000 feet south of the project area. Informal recreational**

**opportunities are limited to observing Thomas Lake and Wetland A from public roadways since these features are on private land.**

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

**No displacement of recreational uses is proposed.**

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

**None needed (no impacts proposed).**

### **13. Historic and cultural preservation**

- 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 located on or near the site? If so, specifically describe. [\[help\]](#)

**The only structure on the site is the 35<sup>th</sup> Avenue SE roadway, which is less than 45 years old.**

- 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. [\[help\]](#)

**A cultural resources overview study was conducted for the project in 2014. No significant cultural materials were identified during this study.**

**No landmarks, features, or other evidence of Indian or historic use or occupation are documented for the project corridor. No architectural or archaeological sites were mapped in the project area on the Department of Archaeology and Historic Preservation (DAHP) Washington Information System for Architectural and Archaeological Records Data (WISAARD) website.**

- 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. [\[help\]](#)

**A cultural resources overview study was conducted for the project in 2014. In addition, DAHP WISSARD map results for the project area were reviewed in May 2015.**

- 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.

**Upon discovery of any archaeological or historical objects, the contractor will be required to cease work, at which time appropriate actions in accordance with state regulations will be performed.**

## 14. Transportation

- 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. [\[help\]](#)

**The 35<sup>th</sup> Avenue SE corridor is a minor arterial in Mill Creek. 35<sup>th</sup> Avenue SE can be accessed via Seattle Hill Road to the south and 132<sup>nd</sup> Street SE to the north.**

- 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? [\[help\]](#)

**Community Transit Bus Route #106 (Bothell to Mariner Park & Ride) is the closest bus route to the project area. The closest bus stop is located at the 35<sup>th</sup> Avenue SE/148<sup>th</sup> Street SE intersection, approximately 1,200 feet south of the project area.**

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

**The project will not add or eliminate any formal parking spaces.**

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

**The proposed project will improve the existing roadway; no additional new or improved roads or streets will be required.**

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

**The project will not use or occur in the immediate vicinity of any water, rail, or air transportation systems.**

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

**The completed project does not increase the 35<sup>th</sup> Avenue SE road capacity and is therefore not expected to generate any additional daily vehicle trips.**

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

**The project will not interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area.**

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

**Transportation impacts will be temporary in nature during the 8 months of construction. Best management traffic control measures will be used to minimize**

those impacts. A detour plan, including routes and sign locations, has been prepared to reduce temporary construction impacts.

**15. Public services**

- 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. [help]

**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. [help]

**None.**

**16. Utilities**

- a. Circle utilities currently available at the site: [help]  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other  
\_\_\_\_\_
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [help]

**No new utilities are proposed. The project includes replacing the existing storm drainage system with new catch basins, storm drain pipe, and outfalls (see Section B.3).**

**C. Signature [HELP]**

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

Signature: Scott Smith  
Name of signee Scott Smith  
Position and Agency/Organization City Engineer / City of Mill Creek  
Date Submitted: 9/14/15

## D. Supplemental sheet for nonproject actions [\[help\]](#)

(IT IS NOT NECESSARY to 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 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?

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 habitat, 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 services 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.