

Received Stamp RECEIVED NOV 03 2014 CITY OF DUVALL	 City of Duvall Small Town. Real Life.	Planning Department 15535 Main St. NE PO Box 1300 Duvall, WA 98019 (425) 788-2779 FAX (425) 788-8097 www.duvallwa.gov
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SEPA Environmental Checklist

TO BE COMPLETED BY APPLICANT

APPLICANT

Name (please print): City of Duvall, Attn: Alana McCoy, Public Works Department		Phone # (425) 788-3434	
Email Address: Alana.mccoy@duvallwa.gov			
Street Address: 14525 Main Street	City: Duvall	State: WA	Zip: 98019

OWNER (if other than applicant)

Name (please print): Same as above		Phone #: ()	
Email Address:			
Street Address:	City:	State:	Zip:

BASIC PROJECT INFORMATION

Project / Development Name: Taylor Park Soldier Pile Wall Installation	Project / Development Location (including nearest intersections): Taylor Park at NE Park Street and 1 st Avenue NE			
Assessor / Tax Parcel Numbers (include 10-digit parcel number for all parcels within project boundaries):				
1326069011				
Land Area of Project Site (sq. ft. & acres): Total park area is 9 acres. Area of improvements <1/2 acre				
Present use of property: Park/Open Space				
Date checklist prepared: June 10, 2014	Agency requesting checklist: City of Duvall			
List all permits for this project from local, state, federal, or other agencies for which you have applied or will apply.				
<u>AGENCY</u>	<u>PERMIT TYPE</u>	<u>SUBMITTED</u>	<u>*NUMBER</u>	<u>STATUS**</u>
City of Duvall	Master Permit	11-14		
City of Duvall	Sensitive Area Permit	11-14		
City of Duvall	Clearing and Grading Permit	11-14		
*LEAVE BLANK IF NOT SUBMITTED				
**APPROVED, DENIED, OR PENDING				

1. Proposed timing or schedule (including phasing and construction dates, if applicable):

Construction of the Soldier Pile wall is planned to begin in August –September 2015 if permits require the project to be complete during the “fish window” otherwise construction is planned for early Spring 2015.

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

Possibly, the project design includes a maximum of 200 linear feet of wall to be constructed. If funding to complete the project in 2015 is insufficient, then the length of wall will be extended to the north and south at a future date to complete the existing design.

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

Stream Habitat Assessment for the City of Duvall, Existing Conditions Report (Herrera, June 27, 2002)

Stream Habitat Assessment for the City of Duvall, Existing Conditions Report (Herrera, April 11, 2006)

Fish Habitat Restoration Plan for the City of Duvall (Herrera, December 31, 2002)

Geologic Reconnaissance and Landslide Evaluation, Coe Clemmons Creek: SR-203 to NE 3rd Avenue (GeoEngineers, June 11, 2004)

Site Reconnaissance and Soil Exploration Study, Coe Clemmons Creek near Taylor Park,(GeoEngineers, May 12, 2010)

Site and Reach Assessment Coe Clemmons Creek at SR203, WSDOT Environmental Services, March 2013

Sensitive Areas Documentation and Compliance plus Conceptual Mitigation Approach, ESA, May 22, 2014

4. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

5. 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.)

Install a soldier pile and timber lagging wall to support the upper portion of slope closest to Taylor Park to reduce the potential for a landslide adjacent to the active area of the park. The City is undertaking this project to stabilize a steep slope, which shows signs of recent slope failure, roughly paralleling the southern edge of the existing playground and basketball court within the eastern portion of Taylor Park. The wall will be located behind the top of slope and is anticipated to be 140 to 200 linear feet long. A four to five foot wide trench will be excavated along the wall alignment at top of slope. All construction access and impacts will be within the developed portion of the park. Upon completion the wall will be buried behind the top of slope and disturbed areas re-vegetated. A four foot black vinyl chain link fence will be installed on top wall with a 5 foot pathway on back of fence for a viewing area. Coe Clemmons creek flows east to west through a ravine below the project site and all work will be outside of the high water mark. Existing park equipment may be removed for access during construction and the park is planned for closure within the playground area. Pathways, shelter and the basketball court will remain open and available to the public. The City will ensure that BMP's are in place during construction. Two slope wetlands were observed and identified down slope of the project site and all effort to avoid direct impacts will be made. The project proposes re-vegetation within the two identified slope wetlands.

6. 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 sites(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.

Tax identification number: 1326069011

Site address: 22605 NE Park Street

Located at: The Taylor Park playground is located south of NE Park Street, North of Coe Clemmons Creek, east of Broadway Avenue NE, and west of 2rd Avenue NE

See vicinity map and plans:

TO BE COMPLETED BY APPLICANT

1. EARTH

A. General description of the site (circle one): flat, rolling, hilly, steep slopes, mountainous, other _____. Describe location and areas on the site that have different topography.

Ravine containing Coe-Clemmons Creek with steep sided slopes and relatively flat base.

B. What is the steepest slope on the site (approximate percent slope)? Describe location and areas of different topography.

The wall will be installed within the fairly level portion of the park immediately north of the steep slope (greater than 100%) that extends down to Coe Clemons Creek. Slopes east and west of the construction area are inclined at approximately 20% to 100% down to the south.

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

Glacial outwash and alluvium overlying glacially consolidated silt. SCS Soils units AkF (Alderwood and Kipsap soils, very steep) and AgC (Alderwood gravelly sand and loam, 6 to 15 percent).

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

Yes. A mapped landslide along with steep slopes with erosion and slope instability are located within the project location.

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

The wall will be installed within an excavated trench and then backfilled with native or imported fill. A cut and fill of 50 – 100 cubic yards is anticipated for wall installation.

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

Erosion could occur but no erosion is anticipated. Appropriate erosion control BMP's will be utilized to reduce the potential for erosion.

G. About what percentage of the site will be covered with impervious surfaces after project construction (for example, asphalt or building)?

No new impervious surfaces

EVALUATION FOR AGENCY USE ONLY

H. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.
BMP's, including minimizing disturbance, mulching, straw wattles and silt fence (if necessary) will be utilized.

TO BE COMPLETED BY APPLICANT

2. AIR

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

During construction emissions will result from the large equipment used to install the soldier pile and timber lagging.

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

No.

C. Proposed measures to reduce or control emissions or other impact to air, if any.

No increase in emissions is anticipated.

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, location and provide names. If appropriate, state what stream or river it flows into. Provide a sketch if not shown on site plans.

Yes, Coe Clemmons Creek is located within 100 feet of the project at the bottom (south) of the slope. Coe Clemmons Creek ultimately flows into the Snoqualmie River approximately 1/4 mile downstream from the 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. Note approximate distance between surface of waters and any construction, fill, etc.

No work within the described waters. The work will occur at the top of the slope located approximately 100 feet north of the creek.

EVALUATION FOR AGENCY USE ONLY

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, if from on site.
No fill or dredge material will be placed or removed from surface water or wetlands.

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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 the location on the site plan.
No.

6. Does the proposal involve any discharge of waste material 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.
No.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial chemicals; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.
No discharge.

C. Water Runoff (including storm water).

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.
No new surfacing will be constructed and no stormwater runoff generated.

EVALUATION FOR AGENCY USE ONLY

2. Could waste materials enter ground or surface waters? If so, describe.
No.

D. Proposed measures to reduce or control surface, ground, and drain off water impacts, if any:
None.

TO BE COMPLETED BY APPLICANT

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 soils plants: cattail, butter cup, bulrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

B. What kind and amount of vegetation will be removed or altered?
Approximately 1,100 square feet of shrubs and 6 significant trees at top of slope.

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

Coe-Clemmons Creek is approximately 100 feet south of the Project site and is a tributary to the Snoqualmie River. Coho salmon and Bull trout are known to use the reach below Main Street (to the west of the site), for spawning and rearing. The existing Main Street culvert is undersized and clogged with sediments, and is a known partial barrier to upstream migration. Replacement of this culvert is anticipated in 2015, improving fish access and use of Coe-Clemmons Creek through the Project site.

D. Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site, if any:
Approximately 1,100 square feet of native plants and trees will be installed to mitigate vegetation removed. Plantings will be installed within the park area and the steep slope located south of the wall.

5. ANIMALS

A. Check 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

rodents coyotes other

EVALUATION FOR AGENCY USE ONLY

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

None Known.

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

The site is part of the pacific flyway

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

Appropriate BMP's, including minimizing disturbance and being considerate of any encountered wildlife.

TO BE COMPLETED BY APPLICANT

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.

None.

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 on this proposal? List other proposed measures to reduce or control energy impacts, if any.

None.

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.

None Known.

1. Describe special emergency services that might be required.

None.

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

None.

EVALUATION FOR AGENCY USE ONLY

B. Noise

1. What type of noise exists in the area which may affect your project (i.e. traffic, equipment, operation, other)?
No noises 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.
Noise from the heavy equipment in use during construction will be generated by the project.

3. Proposed measures to reduce or control noise impacts, if any.
Noise from this project will only occur during the allowed construction hours from 7am-6pm Monday through Saturday except holidays.

TO BE COMPLETED BY APPLICANT

8. LAND AND SHORELINE USE

A. What is the current use of the site and adjacent properties?
The site and property to the east and west is zoned as PF (Public Facilities); sites to the north and south are zoned commercial/residential/mixed use and have commercial, residential, and vacant property uses.

B. Has the site been used for agriculture? If so, describe.
No.

C. Describe any structures on the site.
A small log structure sits to the west of the playground and was previously open as restrooms in the 1980's. The remainder of the project area includes a 45' x 120' playground and a 60' x 35' sports court.

D. Will any structures be demolished? If so, what?
No.

E. What is the current zoning classification of the site?
PF

F. What is the current comprehensive plan designation of the site?
PF

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

EVALUATION FOR AGENCY USE ONLY

H. Has any part of the site been classified as an “environmentally sensitive area? If so, specify. (If unsure, check with the City.)
Yes. The site contains stream, wetland, and steep slope/landslide environmentally sensitive areas.

I. Approximately how many people would reside or work in the completed project?
None.

J. Approximately how many people would the completed project displace?
None.

K. Proposed measures to avoid or reduce displacement impacts, if any:
None.

L. Proposed measures to ensure the proposal is compatible with existing and projected land use and plans, if any.
Site will remain as active/passive open space and playground.
Disturbed vegetation will be mitigated within active park area and on steep slopes to the south.

TO BE COMPLETED BY APPLICANT

9. HOUSING

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.
None.

10. AESTHETICS

A. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
No structures.

B. What views in the immediate vicinity would be altered or obstructed?
None.

C. Proposed measures to reduce or control aesthetic impacts, if any.
None.

11. LIGHT AND GLARE

EVALUATION FOR AGENCY USE ONLY

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

None.

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

None.

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.

None.

12. RECREATION

A. What designated and information recreational opportunities are in the immediate vicinity?

Taylor Park is 9 acres and designated Park/Open space with amenities that include a basketball court, picnic areas, playground, trail and natural area. Improvements are intended to save the playground equipment and will include a pathway at the top of wall (with fence) to overlook slope.

TO BE COMPLETED BY APPLICANT

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

Some of the existing play equipment in the park may be removed to allow the large machinery access near the slope to place the timber lagging and pilings. This play equipment will be reinstalled at the end of construction.

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

The playground equipment will be closed during the installation of the soldier pile wall. The remaining park area, basketball court and trails will be available to the public.

13. HISTORICAL 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.

EVALUATION FOR AGENCY USE ONLY

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.

Parking and road access to the site is from NE Park Street between 2nd Avenue NE and Broadway Avenue NE. The site is served by trail access from Main Street NE and NE Park Street. No new access is planned at this time.

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

C. How many parking spaces would the completed project have? How many would the project eliminate?
No Parking will be removed or added.

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.

TO BE COMPLETED BY APPLICANT

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 weekday vehicular trips (one way) per day would be generated by the completed project? None.
If known, indicate when peak volumes would occur.
a.m. & p.m.

How many of these trips occur in the a.m. peak hours?
How many of these trips occur in the p.m. peak hours?

G. Proposed measures to reduce or control transportation impacts, if any.
None.

15. PUBLIC SERVICES

EVALUATION FOR AGENCY USE ONLY

A. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.
No.

B. Proposed measures to reduce or control direct impacts on public services. If any.
None.

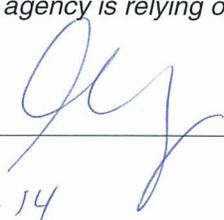
16. UTILITIES

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

B. Describe the utilities that are proposed for the project, the utility providing the service, the general construction activities on the site or in the immediate vicinity which might be needed.
None.

17. 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.

Applicant Signature: 
Date Submitted: 11-3-14

Relationship of signer to project?



TO BE COMPLETED BY APPLICANT

18. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS

(DO NOT USE THIS SHEET FOR PROJECT ACTIONS)

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

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

a. 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:

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

EVALUATION FOR AGENCY USE ONLY

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

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

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

e. 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:

f. 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?

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

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

EVALUATION FOR AGENCY USE ONLY

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

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

