

**WHATCOM COUNTY**

Planning & Development Services  
5280 Northwest Drive  
Bellingham, WA 98226-9097  
360-676-6907, TTY 800-833-6384  
360-738-2525 Fax



**J.E. "Sam" Ryan**  
Director

SEPA Distribution List  
SEP2015-00029  
Date of Issuance: June 16, 2015

Please review this determination. If you have further comments, questions or would like a copy of the SEPA checklist, phone the responsible official at (360) 676-6907. Please submit your response by the comment date noted on the attached notice of determination.

WA State Department of Archaeology and Historic Preservation via email  
Gretchen Kaehler, [gretchen.kaehler@dahp.wa.gov](mailto:gretchen.kaehler@dahp.wa.gov)

SEPA Unit, WA State Department of Ecology, Olympia via email  
[sepaunit@ecy.wa.gov](mailto:sepaunit@ecy.wa.gov)

WA State Department of Fish and Wildlife via email  
Joel Ingram, [joel.ingram@dfw.wa.gov](mailto:joel.ingram@dfw.wa.gov)

WA State Department of Natural Resources via email  
Rochelle Goss, [sepacenter@dnr.wa.gov](mailto:sepacenter@dnr.wa.gov)

SEPA Unit, WA State Department of Transportation, Burlington via email  
Roland Storme, [stormer@wsdot.wa.gov](mailto:stormer@wsdot.wa.gov)  
Robert F. Glasow, [glasowr@wsdot.wa.gov](mailto:glasowr@wsdot.wa.gov)

City of Bellingham  
Kurt Nabbefeld via email - [knabbefeld@cob.org](mailto:knabbefeld@cob.org)  
Brent Baldwin via email - [bbaldwin@cob.org](mailto:bbaldwin@cob.org)  
Clare Fogelsong via email - [cfogelsong@cob.org](mailto:cfogelsong@cob.org)

Lummi Nation Natural Resources  
Merle Jefferson, Sr. via email - [merlej@lummi-nsn.gov](mailto:merlej@lummi-nsn.gov)

Nooksack Indian Tribe  
George Swanaset, JR via email - [george.swanasetjr@nooksack-nsn.gov](mailto:george.swanasetjr@nooksack-nsn.gov)  
Trevor Delgado via email - [tdelgado@nooksack-nsn.gov](mailto:tdelgado@nooksack-nsn.gov)

Terry J. Wechsler via email [wechslerlaw@comcast.net](mailto:wechslerlaw@comcast.net)

Applicant  
Sudden Valley Community Association

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**J.E. "Sam" Ryan**  
Director

**SEPA Determination of Nonsignificance (DNS)**

**File:** SEP2015-00029

**Project Description:** Installation, replacement or repair of seven culverts in various locations within Sudden Valley.

**Proponent:** Sudden Valley Community Association

**Address and Parcel #:** Seven different locations:

**Approximate locations:**

- Culvert #167 – Sudden Valley Drive
- Culvert #201 – Fawn Court
- Culvert #193 and #194 – Valley Crest Way and Rocky Ridge Drive
- Culvert #106 – Harbor View Drive
- Culvert #107 – Winter Creek Place
- Culvert #46 – Sudden Valley Drive

**Lead Agency:** Whatcom County Planning & Development Services

**Zoning:** RR3      **Comp Plan:** Rural Community      **Shoreline Jurisdiction:** None

The lead agency for this proposal has determined that with proper mitigation, no significant adverse environmental impacts are likely. Pursuant to RCW 43.21C.030(2)(c), an environmental impact statement (EIS) is not required. This decision was made following review of a completed SEPA environmental checklist and other information on file with the lead agency. This information is available to the public on request.

☐ There is no comment period for this DNS.

☒ Pursuant to WAC 197-11-340(2), the lead agency will not act on this proposal for 14 days from the date of issuance indicated below. Comments must be received by June 30, 2015 and should be sent to: Erin Page, [epage@whatcomcounty.us](mailto:epage@whatcomcounty.us)

**Responsible Official:** Wayne Fitch, [wfitch@whatcomcounty.us](mailto:wfitch@whatcomcounty.us)

**Title:** Natural Resource Supervisor

**Telephone:** 360-676-6907

**Address:** 5280 Northwest Drive  
Bellingham, WA 98226

**Date of Issuance:** June 16, 2015

**Signature:**

A handwritten signature in black ink, appearing to read "Wayne Fitch", is written over a horizontal line.

An aggrieved agency or person may appeal this determination to the Whatcom County Hearing Examiner. Application for appeal must be filed on a form provided by and submitted to the Whatcom County Current Planning Division located at 5280 Northwest Drive, Bellingham, WA 98226, during the ten days following the comment period, concluding July 10, 2015.

You should be prepared to make a specific factual objection. Contact Whatcom County Current Planning Division for information about the procedures for SEPA appeals.

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**J.E. "Sam" Ryan**  
Director

**SEPA Determination of Nonsignificance (DNS)  
Legal Notice**

To be published one time only on: **June 16, 2015**

**CHARGE TO:** Whatcom County Planning & Development Services  
5280 Northwest Drive  
Bellingham, Washington 98226  
**Acct #048867**

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**WHATCOM COUNTY GIVES PUBLIC NOTICE THAT THE FOLLOWING SEPA  
THRESHOLD DETERMINATION OF NON-SIGNIFICANCE (DNS) HAS BEEN  
ISSUED TODAY SUBJECT TO THE 14 DAY COMMENT PERIOD  
CONCLUDING ON, June 30, 2015.**

**File:** SEP2015-00029

**Project Description:** Installation, replacement or repair of seven culverts in various locations within Sudden Valley.

**Proponent:** Sudden Valley Community Association

**Address and Parcel #:** Seven different locations:

**Approximate locations:**

Culvert #167 – Sudden Valley Drive  
Culvert #201 – Fawn Court  
Culvert #193 and #194 – Valley Crest Way and Rocky Ridge Drive  
Culvert #106 – Harbor View Drive  
Culvert #107 – Winter Creek Place  
Culvert #46 – Sudden Valley Drive

**Lead Agency:** Whatcom County Planning & Development Services

**Zoning:** RR3      **Comp Plan:** Rural Community      **Shoreline Jurisdiction:** None

**ANY PERSON OR AGENCY MAY APPEAL THE COUNTY'S COMPLIANCE WITH WAC 197-11 BY FILING AN APPEAL WITH THE WHATCOM COUNTY CURRENT PLANNING DIVISION LOCATED AT 5280 NORTHWEST DRIVE, BELLINGHAM, WA 98226. APPEALS MUST BE MADE WITHIN 10 DAYS AFTER THE END OF THE COMMENT PERIOD.**

**Sudden Valley Community Association**  
**Culvert Repair and Replacement-2015**  
**Project Description (Supplemental Document #1)**

**Existing Condition and Proposed Action**

**A. Culvert #167, Sudden Valley Drive – Realign and Replace**

Culvert #167 is a 36-inch diameter corrugated metal pipe located at the headwaters of Strawberry Creek. Strawberry Falls is a natural downstream barrier that precludes fish passage requirements. Culvert #167 does not drain properly and is full of sediment due to inadequate slope. This pipe will be replaced with a new alignment that allows for more efficient drainage. New alignment will closely match existing alignment, with related excavation occurring in existing trench rather than creating a new trench.

**B. Culvert #201, Fawn Court – Realign and Replace**

Culvert #201 is an 18-inch diameter corrugated metal pipe. The inlet and outlet are both buried due to the lack of slope in the pipe. This pipe will be replaced with a new alignment to allow positive drainage. New alignment will closely match existing alignment, with related excavation occurring in existing trench rather than creating a new trench. Culvert #201 is a constructed stormwater conveyance and is not located on a stream with usable and/or accessible habitat.

**C. Culverts #193 and #194, Valley Crest Way and Rocky Ridge Drive – Realign and Replace** Culverts #193 and #194 are 12-inch corrugated metal pipe. They have inadequate slope which contributes to excessive sediment buildup and frequent flooding. The culverts will be replaced with new pipe alignments to allow positive drainage. New alignments will closely match existing alignments, with related excavation occurring in existing trenches rather than creating new trenches. These culverts are constructed stormwater conveyances and are not located on a stream with usable and/or accessible habitat.

**D. Culvert #106, Harbor View Drive – Realign and Replace**

Culvert #106 is a 24-inch diameter corrugated metal pipe with extensive perforations along the bottom of the pipe. The upstream end has a blind tee under a driveway that collects water from ditches on either side. The culvert will be reconfigured to include a catch basin at the pipe connections. New alignment will closely match existing alignment, with related excavation occurring in existing trench rather than creating a new trench. This culvert is located at the upstream end of an undefined stream that outlets into Lake Whatcom. It does not appear to need fish passage, but this will be confirmed during the permitting phase.

**E. Culvert #107, Winter Creek Place – Slip-line**

Culvert #107 is a 24-inch diameter corrugated metal pipe with extensive perforations along the bottom of the pipe. The culvert outlets into a manhole with a downstream pipe conveyance between two privately owned lots. The stormwater eventually discharges into the ditch along Lake Whatcom Boulevard. The culvert under Winter Creek Place will be slip-lined. Culvert #107 is located just below Culvert #106, at the upstream end of an undefined stream that outlets into Lake Whatcom. It does not appear to need fish passage, but this will be confirmed during the permitting phase.

**F. Culvert #46, Sudden Valley Drive – Slip-line**

Culvert #46 is an 18-inch diameter corrugated metal pipe with extensive perforations along the invert of the pipe and erosion at the pipe outlet. It will be slip-lined and scour protection will be installed at the outlet. This culvert is a constructed stormwater conveyance and is not located on a stream with usable and/or accessible habitat.

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J.E. "Sam" Ryan  
 Director

**REVISED**

SEP 2015 - 29

## 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.

### Use of Checklist for Non-Project Proposals:

For non-project proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the Supplemental Sheet for Non-project Actions (Part C). 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.

WHATCOM COUNTY  
 PLANNING & DEVELOPMENT SERVICES

JUN 09 2015

**RECEIVED**

## A Background

- 1 Name of proposed project, if applicable:  
Sudden Valley Culvert Repair/Replacement
- 2 Name of applicant: Sudden Valley Community Association  
Applicant phone number: 360.734.6430  
Applicant address: 4 Clubhouse Circle  
City, State, Zip or Postal Code: Bellingham, WA 98229
- 3 Contact name: Danielle Johnston, PE, Wilson Engineering  
Contact phone number: 360.733.6100 x229  
Contact address: 805 Dupont St., Suite 4  
City, State, Zip or Postal Code: Bellingham, WA 98225
- 4 Date checklist prepared: 4/28/15, Revised 6/8/15
- 5 Agency requesting checklist: Whatcom County PDS
- 6 Proposed timing or schedule (including phasing, if applicable):  
Proposed start date: 6/1/15, Revised to 6/29/15
- 7 Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? Yes ☐ No ☒  
If yes, explain:
- 8 List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:  
None.
- 9 Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? Yes ☐ No ☒  
If yes, explain.



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

An Hydraulic Project Approval is required by Washington state Department of Fish and Wildlife. WDFW habitat biologist Joel Ingram has walked the sites and provided a favorable preliminary evaluation of the project.

- 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.)

Seven culverts located in Sudden Valley require repair or replacement. Details regarding related fill and excavation volume included in Land Disturbance Permit Application packet submitted to Whatcom County PDS 4/7/15. Culvert-by-culvert detailed description of existing conditions and proposed actions, as well as scaled site plans, also included with LDP application (LDP2015-00026).

- 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.

Culvert #107 48.728763 -122.343545  
Culvert #167 48.723494 -122.349743  
Culvert #201 48.716886 -122.344958  
Culvert #193 48.714117 -122.337089  
Culvert #194 48.714256 -122.33712  
Culvert #106 48.728278 -122.344349



## B Environmental Elements

### 1 Earth

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

- |                                     |              |
|-------------------------------------|--------------|
| <input checked="" type="checkbox"/> | Flat         |
| <input type="checkbox"/>            | Rolling      |
| <input type="checkbox"/>            | Hilly        |
| <input type="checkbox"/>            | Steep Slopes |
| <input type="checkbox"/>            | Mountainous  |
| <input type="checkbox"/>            | Other        |

VEP

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

Subject culverts are all located below existing roads and have just enough grade to allow water to flow through them. Road sections are almost completely level.

- 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.

Chuckanut loam, Nati loam, and Sehome loam.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? Yes ☐ No ☒

If so, describe.

- e. Describe the purpose, type, total area, approximate quantities and total affected area of any filling excavation or grading proposed.

Supplemental Sheet #2 submitted with LDP2015-00026 application includes specific quantities/dimensions for each culvert site.

Indicate source of fill.

Approved source (TBD) as determined by project contractor once selected.

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

Yes ☒ No ☐

If so, generally describe.

While disturbed soil is subject to erosion, all BMPs for erosion control will be utilized, thus minimizing erosion potential. No tree removal is required. Additional mitigation measures will be implemented to stabilize soil following project completion.

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

No additional impervious coverage is proposed for subject sites. Where road cuts are necessary, they will be patched to WSDOT standards.

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

All relevant erosion control BMPs to be utilized, as per State and County standards including compost berms, silt fence, and plastic covering for slopes.

✓ LDP



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 (i.e., dust, automobile, odors, or industrial wood smoke)?

Minimal emissions to the air are associated with this project, including: exhaust

If any, generally describe and give approximate quantities if known.

Usual and customary vehicle exhaust and dust associated with localized soil disturbance.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? Yes ☐ No ☒

If so, generally describe.

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

All erosion control BMPs to be implemented as appropriate to each site, which will reduce dust.

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)? Yes ☒ No ☐

If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Culvert #167 - headwaters of Strawberry Creek, #201 - tributary to Strawberry Creek, #106 & 107- unnamed stream upstream of Lake Whatcom. Culverts #46, #193, #194 are conveyance routes for storm runoff.

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? Yes ☒ No ☐

If yes, please describe and attach available plans.

Attached site plans illustrate proximity of subject culverts to described waters. Supplemental Document #1 describes proposed action for each culvert.

✓ EUP

- (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.  
Existing trench.

There is no filling or dredging in the open channel. No additional fill will be added to the culverts, only replacing the existing trench backfill above the pipe.

- (4) Will the proposal require surface water withdrawals or diversions?

Yes ☒ No ☐

Give general description, purpose, and approximate quantities if known.

As a BMP, off-site water will be diverted around the project site by creating a revetment upstream of the culverts and if necessary, pumping water around the site.

Does the proposal lie within a 100-year floodplain?

Yes ☐ No ☒

If so, note location on the site plan.

- (5) Does the proposal involve any discharges of waste materials to surface waters?

Yes ☐ No ☒

If so, describe the type of waste and anticipated volume of discharge

b. Ground Water:

- (1) Will ground water be withdrawn from a well for drinking water or other purposes? Yes ☐ No ☒

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.

- (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 houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not applicable.

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).

As a BMP, off-site runoff will be diverted around the project site by creating a revetment upstream of the culverts and if necessary, pumping water around the site. Runoff from the site will be captured and infiltrated or transported off-site.

Where will this water flow? On-site runoff will be infiltrated.

Will this water flow into other waters? Yes ☐ No ☒

If so, describe.

- (2) Could waste materials enter ground or surface waters?

Yes ☐ No ☒

If so, generally describe.

- (3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site: Yes ☐ No ☒

If so, describe.

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

As a BMP, off-site runoff will be diverted around the project site by creating a revetment upstream of the culverts and if necessary, pumping water around the site. Runoff from the site will be captured and infiltrated or transported off-site. Other erosion control BMPs will also be used to reduce the risk of impacts.

✓exp

#### 4 Plants

a. Check 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

EXP

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

Limited grass and invasives.

EXP ~~SOME~~ salmonberry, swordfern to be replaced

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

None.

✓

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

Disturbed areas will be reseeded with local native species. + replanted

EXP

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

Limited areas of Himalayan blackberry, reed canarygrass, horsetail, and ~~salmonberry.~~ yellow archangel

EXP

#### 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,
- ☐ Eagle,
- ☐ Other:

- ☐ Heron,
- ☒ Songbirds;

Mammals:

- ☒ Deer,  
☐ Elk,  
☐ Other:

- ☐ Bear,  
☐ Beaver;

Fish:

- ☐ Bass,  
☒ Trout,  
☐ Shellfish;

- ☐ Salmon,  
☐ Herring,  
☐ Other:

✓ Culvert 167 & 201: cutthroat trout (*Onchorynchus clarki*) are located downstream of the natural fish barrier on Strawberry Creek, in Beaver Creek.

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

None

- ✓ c. Is the site part of a migration route? Yes ☐ No ☒

If so, explain.

- ✓ d. Proposed measures to preserve or enhance wildlife, if any:  
Culvert 201 will be upsized to accommodate a gravel bottom, lower velocities and encourage fish passage. All sites will incorporate Erosion control BMPs.

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

None

6. Energy and Natural Resources

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

Not applicable.

- ✓ b. Would your project affect the potential use of solar energy by adjacent properties? Yes ☐ No ☒

If so, generally describe.

EP

- 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

- 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? Yes ☒ No ☐

If so, describe.

Excavation equipment and trucks have the potential to introduce fluids.

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

None

- (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.

None

- (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.

None

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

None

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

All vehicles and heavy equipment used on site will have spill kits on board to capture, absorb and contain any fluid leaks or spills.

✓

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.

Short-term usual and customary noise associated with excavation equipment and trucks moving materials. Work hours are M-Sat, 8AM-6PM.

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

Vehicle noise limited to necessary vehicles only on site.

8 Land and Shoreline Use

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

Residential neighborhood surrounding roads and greenbelt areas.

Will the proposal affect current land uses on nearby or adjacent properties? Yes ☐ No ☒

If so, describe.

- b. Has the project site been used as working farmlands or working forest lands? Yes ☐ No ☒

If so, describe.

How much agriculture or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any?

None

If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to non-farm or non-forest use?

None

JEP



- (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? Yes ☐ No ☒

If so, how:

- c. Describe any structures on the site.

On site structures are limited to subject culverts and roads.

- d. Will any structures be demolished? Yes ☒ No ☐  
If so, what?

Five of the culverts will be removed and replaced with new structures.

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

R3

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

Rural Community

- 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? Yes ☒ No ☐

If so, specify.

Strawberry Creek, the unnamed stream near culverts 106 and 107, and their associated buffers are regulated as critical areas by Whatcom County Critical Areas code WCC 16.16.

- 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?

None

ELP  
All drainages  
meet stream  
definition in  
WCC 16.16.720

✓ap

- 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:

No changes proposed to existing or projected land use.

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

Not applicable.

## 9 Housing

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

☐ High  
☐ Middle  
☐ Low-income

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

☐ High  
☐ Middle  
☐ Low-income

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

No housing units to be provided or eliminated, nor impacted.

## 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?

Proposed replacement culverts will be below grade. No exterior building material proposed.

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

None

✓EAP

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

No change proposed to aesthetics of area.

## 11 Light and Glare

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

Not applicable.

- 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

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

None

- 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:

Not applicable.

## 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? Yes ☐ No ☒  
If so, specifically describe.

VEP

- b. Are there any landmarks, features, or other evidence of Indian, historic use or occupation, this may include human burials or old cemeteries?

Yes ☐ No ☒

Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Yes ☐ No ☒

Please list any professional studies conducted at the site to identify such resources.

All proposed work is located in previously disturbed areas (e.g. roads).

- 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.

Limits of excavation will be within the trench of the existing culverts to be replaced.

- 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

- 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 plan, if any.

Sites are located on private property owned by the Sudden Valley Community Association.

- b. Is site or geographic area currently served by public transit?

Yes ☐ No ☒

If not, what is the approximate distance to the nearest transit stop?

1/2 mile

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

Not applicable.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? Yes ☐ No ☒

If so, generally describe (indicate whether public or private).

- e. Will the project use (or occur in the immediate vicinity of)

- ☐ Water,  
☐ Rail, or  
☐ Air transportation?

If so, generally describe.

Not applicable.

- 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 non-passenger vehicles). What data or transportation models were used to make these estimates?

None

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

Not applicable.

## 15 Public Services

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

Yes ☐ No ☒

If so, generally describe.

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

Not applicable.

## 16 Utilities

a. Check utilities currently available at the site:

☒ Electricity,  
☒ Water,  
☒ Telephone,  
☐ Septic system,

☐ Natural gas,  
☒ Refuse service,  
☒ Sanitary sewer,  
☐ 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.

Not applicable.

## Signature

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

Signature: Danielle Johnston

Date Submitted: June 8, 2015

✓EXP

### **C Supplemental Sheet for Non-project Actions**

*(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.