

WHATCOM COUNTY

Planning & Development Services
5280 Northwest Drive
Bellingham, WA 98226-9097
360-778-5900, TTY 800-833-6384
360-778-5901 Fax



Mark Personius, AICP
Director

Notice of Application & Optional DNS Distribution List
SEP2018-00015 and SHR2018-00001, SHX2018-00018
Date of Issuance: May 8, 2018

Please review this Notice of Application and Optional SEPA Determination. If you have further comments, questions or would like a copy of the SEPA environmental checklist, phone the responsible official at (360) 778-5900. Please submit your response by the comment date noted on the attached notice.

SEPA Unit, WA State Department of Ecology, Olympia via email
sepaunit@ecy.wa.gov

WA State Department of Ecology, Shoreline Management
Chad Yunge

WA State Department of Fish and Wildlife via email
Joel Ingram, joel.ingram@dfw.wa.gov

WA State Department of Natural Resources, Aquatic Land Management

WA State Department of Natural Resources via email
Rochelle Goss, sepacenter@dnr.wa.gov
Brenda Werden, Brenda.werden@dnr.wa.gov

Lummi Nation Natural Resources
Merle Jefferson, Sr. via email - merlej@lummi-nsn.gov
Tamela Smart - tamelas@lummi-nsn.gov

Nooksack Indian Tribe
George Swanaset, JR via email - george.swanasetjr@nooksack-nsn.gov
Trevor Delgado via email - tdelgado@nooksack-nsn.gov

Applicant
Mitch Waterman, SVCA General Manager via email - gm@suddenvalley.com

For Whatcom County Only

Whatcom County Fire Marshal

Whatcom County River & Flood Division

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Mark Personius, AICP
Director

May 8, 2018

Subject: Fire Suppression Water Line and Bulkhead Replacement

Dear Whatcom County Property Owner:

Whatcom County has accepted an application to develop land that is within 1,000 feet of your property. Since the proposal is close to your property and the proposal may affect you, your property, or your neighborhood, the County is sending you this notice for you to review. Please see the reverse side of this letter to read details of the proposal.

Environmental Review: Whatcom County Planning and Development Services has reviewed the proposed project for probable adverse impacts and expects to issue a Determination of Non-Significance (DNS) for this project. The Optional DNS process described in WAC 197-11-355 is being used. **This may be your only opportunity to comment on the environmental impacts of the proposed project.** The proposal may include mitigation measures under applicable codes, and the project review process may incorporate or require mitigation measures regardless of whether and EIS is prepared. A copy of the subsequent threshold determination for the specific proposal may be obtained upon request.

Development regulations that will be used for project mitigation and consistency: Title 23, Title 16, Title 20, Title 17, International Building Code (IBC), International Fire Code (IFC), Washington State Stormwater Manual.

The project will be reviewed by Whatcom County Planning and Development Services.

Required Permits: Building Permit
Hydraulic Project Approval

Existing Environmental Documents: SEPA Checklist
Biological Assessment
Wetland Delineation

The file and supporting documents may be reviewed at Whatcom County Planning and Development Services, 5280 Northwest Drive, Bellingham, WA, 98226. The County invites you to comment on this proposal. **Written comments must be received by June 7, 2018.** You may also ask any questions that you have regarding the proposal or review process, or if you have difficulty reading the notice, you may contact the project planner, Kyla Walters at (360) 778-5917 or kwalters@whatcomcounty.us. You have the right to receive notice of and participate in any hearings, request a copy of the decision once made, and to appeal a decision when allowed by law.

Notice of Application and Optional SEPA DNS

File Number:	SEP2018-00015, SHR2018-00001, SHX2018-00018
Parcel Number:	370405227126
Project Name:	Fire Suppression Water Line and Bulkhead Replacement
Applicant:	Sudden Valley Community Association
Date Submitted:	February 15, 2018, February 21, 2018
Notice of Completeness Date:	March 8, 2018
Notice of Application Date:	May 8, 2018
Comments Due Date:	June 7, 2018
Project Description:	Installation of water distribution piping and associated appurtenances to meet fire regulations for docks over 150 ft., replacement of two existing gangways, addition of two 2' x 3' floats to support gangway and waterline. Replace existing vinyl sheet pile bulkhead with new vinyl sheet pile and soft shore armoring using beach nourishment gravel.
Zone:	R5A
Comp Plan:	Rural Community
Shoreline Jurisdiction:	Urban, Aquatic
Site Address:	20 Marina Drive, Bellingham

If you wish to receive notice of any hearings must notify the Hearings Examiner's office **in writing at** 1000 Forest St., Bellingham, WA 98225, or (360) 778-5040 or in person within 30 days of the notice of application.

Sincerely,

Kyla Walters

Comment Form

Project Name: Fire Suppression Water Line and Bulkhead Replacement
Case File Number: SEP2018-00015, SHR2018-00001, SHX2018-00018

Name and Address: _____

Comments (attach additional sheets if necessary): _____

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Mark Personius, AICP
Director

Notice of Application &
Optional SEPA Determination of Nonsignificance (DNS)
Legal Notice

To be published one time only on: **May 8, 2018**

CHARGE TO: Whatcom County Planning & Development Services
5280 Northwest Drive
Bellingham, Washington 98226
Acct #451232

**WHATCOM COUNTY NOTICE OF APPLICATION
FOR A SHORELINE SUBSTANTIAL DEVELOPMENT AND SHORELINE
EXEMPTION PERMIT AND INTENT TO ISSUE A SEPA DETERMINATION OF
NON-SIGNIFICANCE**

Notice is hereby given that Sudden Valley Community Association has submitted an application for a State Environmental Policy Act Checklist, Shoreline Substantial Development Permit and Shoreline Exemption Permit (SEP2018-00015, SHR2018-00001 & SHX2018-00018) on February 15 & 21, 2018. The application is to install water distribution piping and associated appurtenances to meet fire regulations for docks over 150 ft., replace two existing gangways, add two 2' x 3' floats to support gangway and waterline, replace existing vinyl sheet pile bulkhead with new vinyl sheet pile and soft shore armoring using beach nourishment gravel. A determination that all submitted requirements were met was issued on March 8, 2018. The project site is located at 20 Marina Dr., Bellingham, within Section 05, Township 37N, Range 04E W.M.; Assessor's Parcel No: 370405227126. The project will be reviewed under the Official Whatcom County Zoning Ordinance and Shoreline Management Program. Mitigation may be required pursuant to these ordinances. Whatcom County Planning and Development Services has reviewed the proposal for probable adverse impacts and expects to issue a Determination of Non-Significance (DNS) for the project pursuant to the Optional DNS process per WAC 197-11-355. The file and supporting documents may be viewed at the Whatcom County Planning and Development Services office at 5280 Northwest Drive, Bellingham, WA. Any person may submit written comments to Kyla Walters, Technical Administrator, Whatcom County Planning and Development Services, 5280 Northwest Drive, Bellingham, WA 98226 within 30 days of the publication of this notice. **Written comments must be received by June 7, 2018.** Any person has the right to receive notice of and participate in any hearings, request a copy of the decision once made, and to appeal a decision when allowed by law. Any person wishing to receive personal notice of any hearings must notify the Hearings Examiner's office, 1000 N. Forest St., Bellingham, WA 98225, within 30 days of the notice of application.

WHATCOM COUNTY

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J.E. "Sam" Ryan
Director

SEP 2018 - 00015

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.

A Background

- 1 Name of proposed project, if applicable:
Sudden Valley Community Association Marina Fire Improvements and Soft Armoring
- 2 Name of applicant: SVCA General Manager, Mitch Waterman
Applicant phone number: (360) 734-6430
Applicant address: 4 Clubhouse Circle
City, State, Zip or Postal Code: Bellingham, WA 98229
Applicant Email address: gm@suddenvalley.com
- 3 Contact name: Danielle Johnston, PE, LEED-AP
Contact phone number: (360) 733-6100, x229
Contact address: 805 Dupont Street, Suite #7
City, State, Zip or Postal Code: Bellingham, WA 98225
Contact Email address: djohnston@wilsonengineering.com
- 4 Date checklist prepared: February 20, 2018
- 5 Agency requesting checklist: Whatcom County
- 6 Proposed timing or schedule (including phasing, if applicable):
The fire upgrades will occur in September and October of 2018 and the bulkhead repairs will occur from December 2018 through March 2019.
- 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:
A Critical Areas Assessment was prepared by Northwest Ecological Services on December 7, 2017.
- 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.
US Army Corps of Engineers, Section 404 permit. A Hydraulic Project Approval from WDFW will also be applied for once the SEPA process is complete.

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

-US Army Corps of Engineers - Section 404 permit,
-WDFW - Hydraulic Project Approval,
-Whatcom County - Shoreline, SEPA, Building (for replaced sheet pile wall)

- 11 Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The purpose of the project is to add fire protection to the existing docks and replace the existing vinyl sheet pile wall around the bulkhead with a design having the least impact. The fire protection will consist of a fire department connection, buried HDPE pipe, two new aluminum gangways and dock flotation to support the HDPE pipe.

Most of the vinyl sheet pile wall will be replaced with a soft shore using beach nourishment gravel placed at a 6:1 slope. The gravel was designed to protect the Marina and peninsula from shoreline erosion while enhancing the lake shoreline ecological functions. At the entrance to the marina, it is not feasible to use a soft shore due to the wave action produced by the long fetch to the north and the lack of space. In this location, steel sheet pile will be required to protect the soft armoring section on the rest of the peninsulas.

- 12 Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Address: 20 Marina Drive, Bellingham WA 98229
37N 04E 05SW
Tax Parcel # 370405227126

B Environmental Elements

1 Earth

a. General description of the site:

- ☒ Flat
☐ Rolling
☐ Hilly
☐ Steep Slopes
☐ Mountainous
☐ Other

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

Five percent

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.

Whatcom Silt 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.

Fire Protection trenching; Area=1850SF, Fill=130cy, Excavation=130cy
Soft Armoring Peninsula Grading; Area=18,200sf, Fill=700cy, Excavation=1600cy

Indicate source of fill.

Granite Construction's East Axton Road Pit in Whatcom County.

Indicate where excavation material is going.

Granite Construction's East Axton Road Pit in Whatcom County.

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

Yes ☒

No ☒

If so, generally describe.

The site was previously cleared when the Marina was constructed in 1970. If soils are disturbed during construction and not stabilized with vegetation, rock or some other surface improvement, erosion could occur. This project will stabilize disturbed soils.

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

No new impervious surfaces will be added. Existing surfaces will be restored. The site consists of 69% of impervious surfaces including asphalt, gravel, and building.

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

Disturbed grass areas will be planted with new shrubs/trees and reseeded. Beach nourishment gravel will be placed on the new peninsula slope. Gravel and asphalt will be replaced over trenches.

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)?

Exhaust from excavators, dump trucks, vehicles. Minimal dust. O&M, only vehicles and boats.

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:

Construction equipment will not be left running when idle.

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.

The Marina is located on the shore of Lake Whatcom.

- (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.

Dry fire line attached to dock, floats to support 2 new gangways. Remove/replace sheet pile, install gravel on shore.

- (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. 700cy gravel fill - peninsula

Indicate the source of fill material.

Granite Construction's East Axton Road Pit in Whatcom County.

- (4) Will the proposal require surface water withdrawals or diversions? Yes ☐ No ☒

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

Does the proposal lie within a 100-year floodplain?

Yes ☒ No ☐

If so, note location on the site plan.

The entire project is located on the shoreline of Lake Whatcom.

- (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. ✓

No waste will be discharged to the ground. The project is installing a fire protection system and replacing a bulkhead.

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). ✓

No off-site runoff, only localized sheet flow. Disturbed areas will be isolated using source control BMPs (plastic covering, straw wattles). Water in trenches will be pumped into grass areas to infiltrate or hauled off-site.

Where will this water flow? Into trenches or sheetflow away

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:

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.

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

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

Mowed grass, weedy herbaceous species, reed canarygrass, soft rush, canadian thistle, evergreen blackberry and yellow flag iris = 18,200sf

Trees: Alder = 5, Fir = 1, Locust = 1, Maple = 1

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

None known.

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

All woody plant material removed will be replaced at a 2:1 ratio. Emergent marsh seed mix to be planted on spit interior. Additional plantings (Alternatives 1 & 2) on spit if budget allows.

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

Site specific: reed canarygrass, canadian thistle, evergreen blackberry, weedy herbaceous species and yellow flag iris

Lake Whatcom: Eurasian Watermilfoil

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:

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

Kokanee salmon are listed as a Priority species and Townsend's big-eared bat are listed as a Candidate species by Washington state. No additional State or Federal Threatened, Sensitive, or Endangered plant or animal species were observed or mapped on the site.

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

If so, explain.

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

The project is self-mitigating. Improved shoreline enhancement through removal of most of sheet pile bulkhead and tires. Soft shore armoring w/ beach nourishment gravel will enhance habitat.

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

Lake Whatcom: Asian clam

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. This is a utility a maintenance project and does not have continuing energy needs.

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

If so, generally describe.

- 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 projects 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?

Current use is marina and community park. A residential neighborhood is on the east, a golf course to the south, lake to north & west.

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.

(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.

Vinyl sheet pile wall on peninsula exterior, restroom building south of wall, two concrete docks with gangways, wood boat launch float, wood boat racks for canoes/kayaks.

- d. Will any structures be demolished? Yes ☒ No ☐

If so, what?

Most of the vinyl sheet pile wall will be replaced with a soft shore.

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

R5A

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

~~Type 1 LAMIRD~~

Rural Community

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

Urban Shoreline, AQUATIC

- h. Has any part of the site been classified as a critical area by the city or county? Yes ☒ No ☐

If so, specify.

Alluvial Fan hazard, Habitat conservation Area

- 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:

Not Applicable.

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

The project includes utilities, maintenance and repair for existing uses. It does not modify existing land uses.

- 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

Number of Units None.

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

☐ High
☐ Middle
☐ Low-income

Number of Units 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?

The gangways are made of aluminum and are 3'-6" high. The sheet pile wall is made of steel and is 4.5' to 5.5' high.

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

None. The replaced sheet pile is approximately the same height as existing. The nearby residences are all higher in elevation than the Marina.

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

None.

11 Light and Glare

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

None proposed. The marina is closed at night and does not have any outdoor lighting.

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

No.

- c. What existing off-site sources of light or glare may affect your proposal?

None. Nearby residential lighting does not affect this project. ✓

- d. Proposed measures to reduce or control light and glare impacts, if any:

None. ✓

12 Recreation

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

Small personal watercraft moored at the marina docks, kayaks and canoes stored on the wooden boat racks, and boats use the launch. Swim area, playground, grass park, nearby picnic shelters. ✓

- 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:

During construction of the Fire protection measures, one concrete dock will be left open while the other dock is closed for installing the HDPE line. ✓

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. ✓

- 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.

- 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.

GIS data available from Whatcom County does not indicate any resources near the site.

- 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.

None. The project is located in a previously disturbed site.

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.

The Marina is located at the end of Marina Drive, which accessed from Lake Whatcom Blvd (County road) via Windward Drive (SVCA private road). No access changes required.

- 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?

Whatcom Transit Authority, Lake Whatcom Blvd at Gate #1 is a half mile away from the Marina entrance.

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

Parking is not modified or eliminated by this project.

- 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.

The project is located on the shoreline of Lake Whatcom but it will not use the surface water. The fire standpipe system is a dry line that the fire department would connect to with a pumper truck. ✓

- 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? ✓

Project will not effect park usage or vehicular trips.

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

Not applicable. No transportation impacts to mitigate. ✓

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.

The fire standpipe system is a dry line that the fire department would connect to with a pumper truck and supply with water from the nearby existing fire hydrant. The fire hydrant is served by the Lake Whatcom Water and Sewer District. ✓

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: Daniell Johnston ✓

Date Submitted: 2/21/18

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Reviewed by Whatcom County Planning & Development Services Staff

Kwaller

Staff Signature

4/24/18

Date