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CITY OF OAK HARBOR  
Development Services Department

**WAC 197-11-960 Environmental checklist.**

ENVIRONMENTAL CHECKLIST

*Purpose of checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

*Instructions for applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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 nonproject proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

**A. BACKGROUND**

**1. Name of proposed project, if applicable:**  
City of Oak Harbor Water System Plan

**2. Name of applicant:**  
City of Oak Harbor

**3. Address and phone number of applicant and contact person:**  
Mr. Arnold Peterschmidt P.E.  
City of Oak Harbor Project Engineer  
865 SE Barrington Drive  
Oak Harbor, WA 98277

(360) 279-4520

**4. Date checklist prepared:**  
February 27, 2014. Revised March 22, 2014.

**5. Agency requesting checklist:**  
City of Oak Harbor

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

Water System Plan to obtain regulatory approval and adoption by the City in the spring of 2014. Projects are identified for construction over 6- and 20-year planning periods. Separate project specific SEPA checklists will be prepared for projects included in the Plan prior to construction, where applicable.

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

None at this time.

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

City of Oak Harbor, Draft Water System Plan, March 2014, Gray and Osborne, Inc.

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

Washington Department of Health must approve the Water System Plan.

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

Washington Department of Health must approve the Water System Plan.

**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 City's Water System Plan is a planning document describing the location and types of facilities needed to provide water service to the study area in order to meet projected needs for at least the 20-year planning period. The proposal provides a method of implementation of the various prioritized components, each of which will require environmental evaluations and assessments as the projects are designed and implemented in their various phases. This is a non-project plan adoption.

**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.**

The City is located in north Whidbey Island along Highway 20 and borders both Oak Harbor and Crescent Harbor. The City is located in Townships 32N and 33N, Ranges 1E and 2E, with Sections varying by location. The Draft Water System Plan, if adopted, will apply to the City's water service area which includes all land and properties within the Oak Harbor Urban Growth Area.

## **B. ENVIRONMENTAL ELEMENTS**

### **1. Earth**

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . .**

The general description of the City is flat and rolling.

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

The steepest slope is approximately 45 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 prime farmland.**

A majority of the soils present in the area are of the Everett Alderwood Complex or Whidbey-Hoypus Complex with select regions of Coveland loam. Figure 1-10 of the Draft Water System Plan shows a full soil classification map of the region.

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

The City's Geologic Sensitive Areas Map in its Comprehensive Plan shows several potential landslide hazard areas, liquefaction areas, and seismic faults in select locations in the City. The list of proposed projects in the draft Water System Plan do not appear to be proposed within landslide hazard or liquefaction areas. However, several projects would occur within close proximity to the Strawberry Point and Utsalad faults including projects T3, T2, T1, DS7, DS6, BS3, and DS2.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.**

The proposed Water System Plan lays the foundation for both large and small construction projects in the future that will involve excavation and fill. The source of fill for proposed projects will be the project site itself, whenever feasible.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

No erosion is associated with the Plan. Project construction work identified in the Plan will include protective measures and current best management practices for possible minor erosion problems in compliance with DOE requirements.

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

The amount of impervious surface will vary by project type. Most construction projects will occur within the public right-of-way beneath impervious surfaces. The applicant will explore the feasibility of using pervious surfaces on a case-by-case basis.

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

Individual project construction specifications will address additional erosion control measures and will undergo SEPA environmental review, when necessary. New water mains have excellent resistance to earthquake motions except for shearing. The City is prepared to repair existing or proposed water lines that are part of this plan that may become damaged during an earthquake and has staff and materials to make these repairs. Project BS3 is a booster pump station and will be constructed of earthquake resistant materials in accordance with all applicable codes.

### **2. Air**

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

During construction of projects identified in the plan emissions may result from use of construction vehicles. Project-level SEPAs will be submitted at the time projects are proposed, as necessary, assessing impacts of construction emissions on the environment. In general, emissions are expected to be temporary and insignificant associated with construction.

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

There are no known offsite sources of emission that would effect implementation of projects in the Draft Water System Plan.

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

Project BMPs will be applied to reduce vehicle idling during construction.

### **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 and provide names. If appropriate, state what stream or river it flows into.**

The City is located on Whidbey Island and is influenced by the waters in Puget Sound. The City immediately borders both Oak Harbor and Crescent Harbor. Scattered wetlands occur throughout the City.

- 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.**

Proposed projects in the Draft Water System Plan largely avoid conflicts to sensitive areas as shown on Figures 1-11 and 8-1. The impact to nearby water bodies for individual projects described in the Plan will be determined on a project specific basis through the appropriate permitting process. Shoreline permitting consistent with the City's master program will be obtained for construction projects identified in the Plan that will occur within 200 feet of Puget Sound.

- 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.**

Proposed projects in the Draft Water System Plan largely avoid impacts to wetlands. Individual projects in the Draft Water System Plan will undergo SEPA environmental review, as necessary, to assess any dredge and fill impacts to surface waters or wetlands.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**

The proposed Water System Plan recommends a series of capital facilities to accommodate future demand for water. These projects do not, in and of themselves, require surface water withdrawals. Oak Harbor's source of water is from the the City of Anacortes which draws its water from the Skagit River. Oak Harbor has a contract with Anacortes to purchase 1.0 billion gallons of water annually. The environmental impacts of withdrawing 1.0 billion gallons of water per year from the Skagit River were previously analyzed under the SEPA issued by the City of Anacortes for their Water System Plan. The proposed Water System Plan does change the amount of water Oak Harbor will purchase from Anacortes and therefore, Oak Harbor does not anticipate additional withdrawals or impacts beyond those previously assessed by Anacortes.

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

It is possible that select projects will take place in a flood plain. Each of these projects, their location relative to the 100-year floodplain, their impacts, and necessary mitigations will be determined on a project-specific basis, as necessary. Floodplain permits and habitat assessment will be obtained/conducted, as necessary.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

The Plan identifies construction projects and measures the City will take to maintain compliance with its green operating permit and classification as a Type A water system. No waste discharges to surface waters are anticipated with projects identified in the plan. However, project-level SEPA environmental review will be conducted, as necessary, to evaluate impacts to surface waters more specifically at a later date.

**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.**

The City has three active wells (numbers 8, 9, and 11). The plan calls for these wells to be used only during emergency situations. Thus, withdrawal of groundwater under the plan is expected to be infrequent and limited in duration with insignificant impacts. Implementation of plan projects is not expected to result in discharges to groundwater.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

No waste materials are expected to be discharged to the ground with the implementation of plan activities. Wells 8, 9, and 11 are the only active wells within the City and there have not been any contaminants identified within the zones of contribution (ZOCs) of these wells. Please see Chapter 6 of the Draft Water System Plan.

**c. Water runoff (including stormwater):**

**1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

Methods of collection, treatment (if applicable) and disposal of stormwater will be determined for projects identified in the Plan, as necessary, on a project-specific basis.

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

Waste materials could enter groundwater through one of the City's three wells. These wells are kept under surveillance, and clearly marked. There are no industrial activities or entities within the 10-year Zone of Contribution (ZOC) for any of the three wells. Residents living within the 10-year ZOC have been notified through written correspondence that their actions may affect groundwater quality. Additional information is provided in Chapter 6 of the Plan.

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

In general, best management practices will be employed to limit water impacts, but the specific measures to reduce and control surface, ground, or storm water will be project-specific.

**4. Plants**

**a. Check or circle types of vegetation found on the site:**

- deciduous tree: red alder, big-leaf maple, willow, garry oak
- evergreen tree: Douglas fir, Western red cedar, hemlock, Grand fir
- shrubs: ocean spray, salmonberry, Oregon grape, snowberry
- grass: colonial bentgrass, orchard grass, tall fescue
- pasture: alfalfa, barley
- crop or grain:
- wet soil plants: reed canyongrass, soft rush, salmonberry
- water plants: water parsley, lesser duck weed
- other types of vegetation

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

Affected vegetation will vary depending on the specific project implemented in the plan. Each capital project identified in the plan will undergo SEPA environmental review, as necessary, to assess impacts to vegetation.

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

According to the Puget Sound Partnership, there are three threatened or endangered plant species within the Puget Sound Region: (1) Golden Paintbrush (2) Water Howellia and (3) Kinkaid's Lupine. The presence of these species in Oak Harbor and within areas proposed for water facility projects in the Draft Water System Plan is unknown.

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

Vegetative mitigations will vary depending on the specific project.

**5. Animals**

**a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:**

The following animals are present within the City:

birds: hawk, eagle, ducks, songbirds, geese

- mammals: deer, coyote, rabbits, rodents
- reptiles: snakes, alligator lizards
- amphibians: frogs, salamanders
- fish: salmon, trout

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

Several federally listed threatened or endangered species may be present in the project area. The following table shows the threatened and endangered species that may be present within the general vicinity of the City’s water system. While some of the listed species *may* be present in the Oak Harbor area, species such as all species of rockfish, humpback whale, and killer whale are not known to occur, within Oak Harbor. Other species, such as the salmonids and bull trout, are likely to occur within Oak Harbor and migrate through the area, but are not known to occur within any stream in the vicinity of Oak Harbor or its urban growth area.

**Occurance of Listed Species and Critical Habitat within the Project Area**

Common Name	Scientific Name	ESA Status*	Jurisdiction	Critical Habitat**
Coastal-Puget Sound DPS Bull Trout	<i>Salvelinus confluentus</i>	Threatened	USFWS	Present
Puget Evolutionarily Significant Unit (ESU) Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	Threatened	NMFS	Present
Puget Sound Distinct Population Segment (DPS) Steelhead	<i>Oncorhynchus mykiss</i>	Threatened	NMFS	No
Yelloweye Rockfish	<i>Sebastes ruberrimus</i>	Threatened	NMFS	No
Canary Rockfish	<i>Sebastes pinniger</i>	Threatened	NMFS	No
Bocaccio Rockfish	<i>Sebastes paucispinis</i>	Endangered	NMFS	No
Southern DPS Green Sturgeon	<i>Acipenser medirostris</i>	Threatened	NMFS	No
Humpback Whale	<i>Megaptera novaeangliae</i>	Endangered	NMFS	No
Southern Resident Killer Whale	<i>Orcinus orca</i>	Endangered	NMFS	Present
Stellar Sea Lion	<i>Eumatopias jubatus</i>	Threatened	NMFS	No
Marbled Murrelet	<i>Brachyramphus marmoratus</i>	Threatened	USFWS	No

\*Threatened: Species are likely to become endangered within the foreseeable future

\*\* Endangered: A species that is in danger of extinction throughout all or a significant portion of its range.

The Endangered Species Act requires the Federal government to designate “critical habitat” for any species it lists under the ESA. Critical habita is defined as:

1. Specific areas within the geographical area occupied by the species at the time of listing. If they contain physical or biological features essential to conservation, and those features may require special management considerations or protection; and
2. Specific areas outside the geographical area occupied by the species if the agency determines that the area itself is essential for conservation.

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

Waterfowl, shorebirds, and neotropical migrants pass through the area. In addition, waterfowl and wintering raptors may occur within the water system area.

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

SEPA reviews will be performed on each proposed construction project identified in the Plan, as required. Projects identified in the Plan will observe critical area setbacks to protect sensitive fish and wildlife habitat or will apply for critical area permits and provide appropriate mitigation.

## 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.**

New pumps, pumping facilities proposed under the plan would require electrical power.

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

No. All proposed water capital facilities in the plan will be placed underground with the exception of booster pump stations which will observe setback and height limits.

- 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:**

Project-specific SEPA environmental reviews, where necessary, will further detail energy conservation features. High efficiency pumps and energy efficient building materials will be used where applicable. Construction activities will be streamlined to minimize fossil fuel use where possible.

## 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. Project-specific SEPA environmental reviews will be conducted, where required, to assess environmental hazards in more detail.

- 1) **Describe special emergency services that might be required.**

Should a natural disaster or other emergency occur, the proposed Water System Plan contains an emergency response plan detailing required steps. Please see Chapter 7 of the Draft Water System Plan.

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

All industrial safety standards associated with design, construction, and operation of facilities identified in the Plan will be observed. In addition, should emergencies or natural disasters occur, the Draft Water System Plan contains an emergency action plan detailing required steps (see Chapter 7).

## b. Noise

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

Ambient noise is primarily from traffic and Naval aircraft, but are not anticipated to affect the projects listed in the Plan.

- 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.**

During construction of any of the proposed projects, noise from equipment will be generated from the site. Construction work will typically occur between the hours of 7:00 AM (PST) and 6:00 PM (PST) from Monday through Friday.

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

For construction projects identified in the Plan, noise reduction methods will be based on individual project requirements, but will generally include proper operation of noise reduction technology for pumps and motors, and limiting work and special construction traffic hours between 7:00 AM and 8:00 PM, Monday through Friday. Construction hours may be extended to include weekends by the building official under limited circumstances.

## 8. Land and shoreline use

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

Land use in the City's service area includes residential, commercial, and military.

- b. **Has the site been used for agriculture? If so, describe.**

Not applicable to development of the Plan, no significantly producing agricultural areas exist within the service area.

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

Existing distribution system projects and associated structures are described in Chapter 1, and proposed facilities are discussed in Chapter 8 of the Plan.

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

The Eastside Reservoir is scheduled for demolition in either 2014 or 2015. Additional details for this project are given in Chapter 1 and Chapter 8 of the Plan.

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

Zoning of the individual project sites is variable. A combination of areas zoned residential, commercial, and mixed-use contain individual projects.

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

The comprehensive plan designation for areas containing system projects will vary depending on the capital project in question.

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

The shoreline designation will vary depending on the capital project in question.

**h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.**

The City's service area includes sensitive areas, but none associated with preparation of the Plan. The projects in the plan do not impact critical areas. Project-specific SEPA reviews will be performed on each proposed project, when required.

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

The retail service area population is expected to be 22,440 at the end of the 6-year planning period, 24,999 at the end of the 20-year planning period and 31,074 at the end of the 60-year planning period.

**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 uses and plans, if any:**

The Plan will be reviewed by all applicable land use authorities for compatibility on a project-by-project basis.

**9. Housing**

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

Not applicable.

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

Not applicable.

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

Not applicable.

**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?**

Most, but not all proposed infrastructure will be below ground. Project BS3, a booster pump station, will adhere to the zone required building height of 35 feet or less.

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

Most, but not all proposed infrastructure will be below ground. Project BS3 is a booster pump station and is not expected to obstruct views since it will be less than 35 feet in height and will adhere to zone required setbacks.

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

Most infrastructure will be placed below ground. Infrastructure placed above ground, such as booster pump stations will adhere to applicable height and building setbacks established in the Oak Harbor Zoning Code.

**11. Light and glare**

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

No light or glare issues are anticipated for the individual construction projects, but impacts from light and/or glare will be assessed at the time of construction.

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

Light or glare impacts are not anticipated with any of the proposed construction projects as most capital facilities will be located underground. Project BS3, a booster pump station, will have exterior lighting, but will adhere to requirements for reducing glare and downward directed lighting in the City's Zoning Code.

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

None anticipated.

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

Project BS3 will adhere to glare requirements and will have downward directed lighting.

**12. Recreation**

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

Recreational opportunities in the area include boating, hiking, diving, fishing, hunting, and bird watching, among others.

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

The potential exists that construction of individual capital facilities recommended in the plan may temporarily interrupt or affect access to some recreational facilities.

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

Impacts to recreation facilities will be short-term and managed on an individual, project-by-project basis. Therefore impacts to recreation would be for a limited duration and mitigated on a project basis.

**13. Historic 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.**

Because this is a non-project SEPA, there are no known places or objects listed on, or proposed for, national, state, or local preservation registers known to be in the vicinity of capital projects identified in the plan.

**b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.**

None known at this time associated with the implementation of specific capital projects identified in the plan. Archaeological resources are known to exist within the retail service area of the City of Oak Harbor.

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

Proposed construction projects in the Plan will require right-of-way construction permits which will trigger an examination of archaeology maps for the probability of encountering cultural resources from which requirements for pre-project investigation and construction monitoring appropriate for the project will be determined. In addition, the City has established an Unintended Discovery Protocol that will be enacted in the event any culturally sensitive materials are discovered. The City has also included contingency funds in each CIP project to deal with any unexpected discoveries.

**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.**

Not applicable, this is a non-project action.

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

Not applicable, this is a non-project action.

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

Not applicable. This is a non-project action.

- 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).**

Not applicable. This is a non-project action for the adoption of a water system plan which the primary purpose is to anticipate the need for public water infrastructure improvements. Road improvements are not part of the plan.

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

The proposed projects will not use water, rail or air transportation. The City's water system includes service to Naval Air Station Whidbey Island.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

There may be a non-significant increase in vehicle trips associated with the construction of certain projects in the plan.

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

Project-level SEPA's environmental review will be completed, where required, to control construction impacts to transportation systems.

**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)? If so, generally describe.**

In the case of emergency, there may be an increased need for some public services such as fire, police, and public works personnel. Also, the Redwing Subdivision Booster Station's cannot currently meet fire flow requirements and may generate the need for additional emergency services during a fire.

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

The Draft Water System Plan has an emergency response plan in Chapter 7 of the document. All increases in demand for public services associated with emergencies are expected to be temporary and non-significant. The Redwing Booster Station fire flow deficiency will be corrected through the establishment of new pressure zones in the plan.

**16. Utilities**

- a. Circle utilities currently available at the site: electricity, water, refuse service, telephone, sanitary sewer, communications.**

New pumps or pumping facilities would require electrical power.

- 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.**

Water and Sewer services:	City of Oak Harbor;	(360) 279-4520	www.oakharbor.org
Garbage and waste services:	City of Oak Harbor;	(360) 279-4530	www.oakharbor.org
Electricity services:	Puget Sound Energy;	(360) 675-9027	www.pse.com

**C. 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: ..... *Arnold Petersmidt* 5/22/14 .....

Date Submitted: .....

**D. SUPPLEMENTAL SHEET FOR NONPROJECT 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.**

**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?**

The proposal will facilitate development within the retail service area per the City of Oak Harbor and Island County land use plans. Use or involvement with hazardous substances is not anticipated. Temporary increases in air and/or noise emissions during construction of projects described in the Plan are expected to occur, but their impacts are not expected to be significant or lasting.

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

Minimizing machinery operations and vehicle idling during construction and project planning with City and construction personnel should limit the impact of noise and air emissions. Construction best management practices for the control of erosion will be implemented to minimize impacts to surface and groundwater.

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

Storm water runoff, dust, and noise pollution could occur during construction activities. Their impact will be controlled by implementation of current best management practices (BMPs) and is expected to be minimal.

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

Comprehensive sediment and erosion control planning for construction projects should limit the effect, if any, of dust and stormwater runoff. Any necessary environmental permits will be obtained for construction of each project to mitigate impacts to plant, animal, fish, or marine life.

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

New pumps, pumping facilities, or water reclamation facility modifications would require electrical power. Additionally, vehicles associated with construction would consume fossil fuels. The plan will facilitate the use of water, a natural resource, to be withdrawn from the Skagit River. All impacts associated with the withdrawal of water to meet Oak Harbor's needs have been analyzed as part of the Anacortes Water System Plan (2011), since Oak Harbor is their wholesale customer.

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

New pumps and/or motors will be designed to be as efficient as possible, and construction activities will be thoroughly planned and coordinated to minimize vehicle usage. Proposed conveyance and treatment systems will be designed to flow by gravity as much as possible, and new, energy efficient pump and blower models will be specified. In addition, the Draft Water System Plan contains water efficiency goals and strategies in Chapter 5 of the document to incentivize water conservation by consumers.

**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?**

The Draft Water System Plan does not propose uses or water facilities in protected areas mentioned above.

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

1. The City will coordinate with its cultural liaison and local tribal authorities prior to individual project initiation. Critical area setbacks will be observed during planning and construction of projects identified in the Plan or necessary critical area permits and mitigations will be obtained prior to construction.

**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?**

The projects identified in the Plan will support existing land uses and planned development within the service area through the 6- and 20-year planning period but do not encourage uses incompatible with existing plans.

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

Projects identified in the Plan will undergo shoreline, and critical area, and land-use reviews as required by state and local regulations.

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

The proposal addresses the provision of water delivery and distribution system development to serve future growth within the service area. The proposal will not increase demand on transportation and public services, but will respond to increases in demand on these facilities created by future population and employment growth.

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

Construction projects identified in the Plan will include provisions for traffic control to minimize impacts or increases in demand on public transportation during construction. The plan itself is a mitigation to address future increases in population and employment growth.

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

All construction projects will undergo SEPA review and NEPA review, if required and will be reviewed by the appropriate federal, state, and local jurisdictions. All projects part of the plan will also obtain critical area permits, where necessary.