



## ENVIRONMENTAL REVIEW ([SEPA](#)) APPLICATION CHECKLIST

Community Development Department ♦ 80 Columbia Avenue ♦ Marysville, WA 98270  
(360) 363-8100 ♦ (360) 651-5099 FAX ♦ Office Hours: Monday - Friday 7:30 AM - 4:00 PM

### Washington State Environmental Policy Act, RCW 43.21C

### Washington State Administrative Code, WAC 197-11-960 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:*** [\[help\]](#)

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

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

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

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

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

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

**NOTE: 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. You may**

**be asked to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.**

**Required Attachments**

Submit the original checklist form and one copy of each of the following:

1. Vicinity map clearly showing the location of the project with respect to public streets and other parcels and development
2. Site plan (at original drawing size)
3. Site plan (reduced to not larger than 11 x 17-inch size)
4. Conceptual building elevations
5. Conceptual vehicle maneuvering diagram (when applicable)

Submit one (1) copies of the following when appropriate:

1. Wetland Delineation
2. Geotechnical Reports
3. Fisheries Study

The site plan must show north arrow and engineering scale; any significant or natural features such as creeks, wetlands, steep slopes; dimensions and shape of the lot; location and size of existing and proposed buildings and development, including parking and landscape areas, adjacent streets and point of ingress and egress, and adjacent uses.

**Correspondence**

Note that all correspondence regarding the environmental review of your project will be sent to the person listed as **Applicant**.

**Application Format**

The application will only be accepted if the original form is used (with typewritten answers in the spaces provided) or the application is reproduced in identical form.

**Fees**

There is a nonrefundable application fee for all environmental checklists. Submit the fee with the application(s) and make checks payable to the City of Marysville.

Residential (1-9 lots or dwelling units) .....	\$350.00
Residential (10-20 lots or dwelling units) .....	\$500.00
Residential (21-100 lots or dwelling units) .....	\$1,000.00
Residential (greater than 100 lots or dwelling units).....	\$1,500.00
Commercial/Industrial (0 to 2 acres).....	\$350.00
Commercial/Industrial (2.1 to 20 acres) .....	\$750.00
Commercial/Industrial (greater than 20 acres) .....	\$1,500.00

**Pre-application Conference**

Most projects that are not categorically exempt from SEPA will require a pre-application conference; in some cases, at the discretion of the Community Development Director, the pre-application conference may be waived.

The pre-application conference must be conducted prior to the submittal of the environmental checklist.

## **SEPA Exempt Determinations**

Projects that meet the thresholds for categorical exemptions of Chapter 22E.030 MMC are exempt from filing an environmental checklist. All other project and non-project actions require a completed environmental checklist and a project permit application to be submitted. If an applicant feels that their proposal should be considered to be SEPA-exempt, the applicant can submit a letter requesting a SEPA exempt determination with the environmental checklist and fee. The Community Development Director will review the request and if the application is determined to be SEPA exempt, a letter will be issued confirming the SEPA exempt status.

## **Project Phasing**

The Checklist questions apply to all parts of your proposal, even if you plan to phase the project over a period of time or on different parcels of land. You must include any additional information that helps describe your proposal or its environmental effects. You may be asked to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact(s).

## **SEPA Appeals**

Any agency or person may appeal a Determination of Non Significance (DNS) or Determination of Significance (DS) by completing and submitting an appeal form to the Hearing Examiner within fourteen (14) calendar days of the date the determination is final. Such appeals must be filed with the City Clerk. Appeals of environmental determinations under SEPA, including administrative appeals of a threshold determination, shall be heard by the Hearing Examiner and shall proceed pursuant to Chapter 22G.010 Article VIII *Appeals*. There is a nonrefundable \$500 Administrative Appeal fee to be submitted with appeal.

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

1. Name of proposed project, if applicable: [\[help\]](#)  
SN4998 Quilceda (AT&T)
2. Name of applicant: [\[help\]](#)  
New Cingular Wireless PCS, LLC (AT&T)
3. Address and phone number of applicant and contact person: [\[help\]](#)  
Nancy Sears  
Smartlink Group on behalf of AT&T  
11232 120<sup>th</sup> Ave NE #204  
Kirkland, WA 98033  
425-444-1434  
Nancy.sears@smartlinkgroup.com
4. Date checklist prepared: [\[help\]](#)  
April 12, 2022
5. Agency requesting checklist: [\[help\]](#)  
City of Marysville
6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)  
Proposed Construction Start Date: December, 2022  
Construction Duration: ~45 days  
No Phasing is planned
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)  
There are no plans for future additions, expansion or further activity related to or connected with this proposal.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)  
NEPA, SEPA
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [\[help\]](#)  
Unknown.
10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)  
SEPA, Conditional Use Permit, Building Permit
11. Give brief, complete description of your proposal, including the proposed uses and the size of

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

[\[help\]](#)

AT&T is proposing to build a wireless communications facility ("WCF") to include a new 130' monopole camouflaged as a 140' pine tree ("Tower") that will support up to four carriers, including AT&T. The tower and ground equipment will be within a 46.5'x70'x85' lease area. There will be an emergency back-up generator to be used in the event of a power outage. The proposed compound will have security fencing. The site will be accessed by a 12' security gate off of 38<sup>th</sup> Dr. NE. Parking will be in the car wash parking lot.

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

The proposed site will be located at 11435 38th Dr NE, Marysville, WA 98271. Parcel #0064600000202 in Snohomish County. The coordinates for the proposed monopine are 48.098505 / -122.178639. the legal description is "SECTION 09 TOWNSHIP 30 RANGE 05 QUARTER SW BARKLY MANOR BLK 000 D-00 LOT 6 CITY MAR BLA NO 15-005 REC AFN 201609165005 BEING A PTN NW1/4 SW1/4 SD SEC". Directions to the site from I-5: Take exit 202 for 116<sup>th</sup> St. NE. Go East on 116<sup>th</sup> St. NE, Turn South on 38<sup>th</sup> Dr NE. The site will be on the Left at the end of the road.

Site plans, survey and vicinity map are included in the Zoning Drawings submitted with the CUP application.

## B. ENVIRONMENTAL ELEMENTS [\[HELP\]](#)

### 1. Earth

- a. General description of the site [\[help\]](#)  
(***bold/italicize***): Flat  rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_
- b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)  
Less than 5%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)  
Lynwood Loamy sand, 0-3% slopes [See Attachment 2-Web Soils Survey]
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)  
None found.
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)  
There will be approximately 30 CY of cut and approximately 41 CY of fill. The proposed lease

area is flat and no grading is required. Construction will require approximately 30 cubic yards of excavation and 41 cubic yards of fill. Approximately 11 cubic yards of imported material will be used as fill. The source of fill will be an approved permitted local quarry. Excess excavated material will be removed from the site and taken to an approved permitted off-site location.

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

It is unlikely that minor erosion could occur as a result of grading associated with the project. Best management practices (BMPs) will be implemented to minimize potential impacts. Examples of BMPs that may be used during construction are listed below in B.1.h.

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

The proposed approx. 1,715 sf lease area will be comprised of 1,589 sf of crushed gravel and 126 sf of concrete. This represents 7.4% of the total parcel.

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

Best management practices (BMPs) will be implemented to minimize potential impacts. Examples of BMPs include: placement of filter fabric in stormwater grates; limiting ground disturbance to the minimum necessary to accomplish the proposed work; and implementation of conditions of the Clearing and Grading permit, if required.

## 2. Air

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

There is a potential for some dust and machine exhaust during construction and some machine exhaust from the generator when used during emergency power outages. The proposed tower and ground equipment will not produce emissions during day to day operations.

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

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

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

Dust abatement will be provided as needed during construction.

## 3. Water

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

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows

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

There are no surface water bodies on or in the immediate vicinity of the site. The closest being Martha Lake, 4.2 miles SE of the proposed site.

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

No.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

No fill or dredge material will be placed in or removed from surface water or wetlands

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

No, the proposal does not require surface water withdrawals or diversions

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

No, the proposed site is not within a 100-year flood plain according to FEMA. Per Attachment 1 - FEMA Flood Map the proposed site is in Zone designation X. No Wetlands are shown on Attachment 3 – the Snohomish County Property Report .

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No discharge of waste materials to surface waters will occur.

b. Ground Water:

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

The proposed cell site is a passive use that requires no water.

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

The proposed cell site is an unmanned facility that that creates no waste to be discharged into the ground from septic tanks or other sources.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this

water flow into other waters? If so, describe. [\[help\]](#)

The land is flat and there is no drainage flow path. There is not body of water within 4 miles of the proposed site.

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

No, BMPs will be implemented, as required, during construction to minimize the potential for material to enter surface waters (see question B.1.h).

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

While unlikely, should there be any affect from the proposed impervious surface, BMP's will be implemented as recommended by a Grading and Drainage Report as required by the jurisdiction.

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

Implementation of BMPs (see question B.1.h) and compliance with permitting conditions.

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

- a. ***Bold/Italicize*** the types of vegetation found on the site: [\[help\]](#)

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

Orchards, vineyards or other permanent crops.

wet soil plants: cattail, buttercup, bullrush, skunk cabbage,

other water plants: water lily, eelgrass, milfoil, other

other types of vegetation

- b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)

Other than grass within the lease area, no vegetation will be removed.

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

There are no endangered plant species according to the PHS [Geodataservices@WDFw.wa.gov](mailto:Geodataservices@WDFw.wa.gov). See Attachment 4.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

AT&T is proposing a 5' wide landscape buffer that will consist of native, draught-resistant, trees and shrubs.

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

There are no know noxious weeds and invasive species known to be on or near the site.

## 5. Animals

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

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

It is unknown what birds or animals are on or near the site.

- b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)  
Per the IPAC-Information for Planning and Consultation, (Attachment 5) the Marbled Murrelet, Streaked Horned Lark and Yellow Billed Cuckoo as threatened birds in the area; the Bull Trout is a threatened fish; and the Monarch Butterfly is a threatened insect.

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)  
The proposed site is in the path of the Pacific Flyway bird migration route.



- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)  
Disturbance will be limited to the minimum necessary to accomplish the work and BMPs will be implemented to minimize potential impacts to trees located within the project area
- e. List any invasive animal species known to be on or near the site.  
None known.

## 6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)  
Electricity will be used to power the site and a diesel generator will be used for emergency power in the event of an electrical failure.

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

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)  
Energy consumption associated with the proposed project will be minor and limited to the electricity necessary to power the antennas and cabinet fan. Because energy needs are minor, no energy conservation features are proposed.

## 7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [\[help\]](#)

The proposed site will be operated within FCC guidelines and there are no known risks associated with the site.

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

There is none known.

- 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 known.

- 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 anticipated.

- 5) Proposed measures to reduce or control environmental health hazards, if any:  
BMPs will be in place during construction and ongoing operation of the proposed site to control any potential environmental health hazards during construction and beyond. A technician will perform monthly site checks and maintenance.

- b. Noise

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

Any noise in the area will not affect the project.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [\[help\]](#)

Noise generated by the equipment cabinet fan (ongoing), and by the diesel generator for maintenance testing and in the event of a power outage, will be in conformance with the City of Marysville noise standard code as is confirmed in the Noise Report submitted with the land use permit application.

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

BMPs will be implemented, as necessary and recommended in the Noise Report (to be submitted with the Land Use permit application), to ensure noise levels are within acceptable limits in accordance with Marysville code.

## 8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The project site is commercial land which is currently vacant. The subject parcel contains a car wash. The parcel across the street to the west is a hotel. And the parcel to the south is vacant land. The proposed site is situated and designed to minimize the disturbance and visual impacts the surrounding properties.

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

No.

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

No.

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

There is an operating car wash on the parcel to the north of the proposed site.

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

No.

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

CB-Community Business

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

CB-Community Business

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

Not applicable as there is no shoreline designation.

- h. Has any part of the site been classified as a critical area by the city or county? If so,

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

No.

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)  
One technician would work at the site for approximately on hour per month. No one would reside at the site.

j. Approximately how many people would the completed project displace? [\[help\]](#)  
None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)  
None required.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)  
A conditional use permit application is submitted concurrently with this SEPA Checklist. to ensure the proposed project is compatible with local laws, zoning regulations and the comprehensive plan.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:  
There are no nearby agricultural and forest lands of long-term significane nearby.

## 9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
Not applicable. The project will not provide any housing.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
Not applicable. The project will not eliminate any housing.

c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)  
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? [\[help\]](#)  
The structure will be a 140' monopine. The construction of the "trunk" (or monopole) will be steel. The "branches" will be metal covered with imitation pine needles. "trunk" will be painted brown to resemble a tree trunk and the faux pine foliage will be green. The antennas, mounts and associated equipment will be painted green to match the foliage.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)  
This is a commercial business district and there are no natural vistas or residential views that will be disturbed. The site will be most visible from the west as a tall pine tree. Views from the North, east and south will be less visible as it blends with the backdrop of trees. AT&T has provided photo simulations as part of the land use application.
- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)  
AT&T is proposing to camouflage the proposed monopole as a pine tree and to surround the equipment with a 8' wooden fence.

## 11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)  
None. The proposed tower will be until and will have a non-glare finish. The ground equipment will have an emergency light that will only be used in the event of an emergency.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)  
No. please see 11.a above
- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)  
None.
- d. Proposed measures to reduce or control light and glare impacts, if any:  
As stated above, the proposed monopole and antenna equipment will be painted with a non-glare paint and will be unlit.

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)  
None.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)  
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)  
None.

## 13. Historic and cultural preservation

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)

There are no recorded archaeological sites, structures or historic districts on or near the proposed site.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)

Applicant will be performing a NEPA review. At this time there are no known any landmarks, features, or other evidence of Indian or historic use or occupation.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

Applicant will be performing a NEPA review and any follow-up reviews as indicated.

- 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.

Results and recommendations of NEPA and any subsequent reviews will dictate the specific treatments needed to ensure archaeological resources are protected during construction.

#### 14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

Directions to the property are found on page T-1 and access to the site is depicted on page C-0.1 of the Zoning Drawings submitted with the CUP application. The proposed site is accessed via I-5, 116<sup>th</sup> St. NE and 38<sup>th</sup> Dr. NE.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

While the area is served by public transit, this is an unmanned site and public transit is not required for access.

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

No additional parking spaces are proposed.

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

No.

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

No.

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

During construction there will be 2-3 vehicular visits to the site. Once the site is complete there

will be one vehicular visit per month for site maintenance.

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

No.

h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)  
Since vehicular traffic to and from the site is minimal no transportation impacts are anticipated.

## 15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [\[help\]](#)

No. The proposal is for an unmanned passive use and will have no need for public services.

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)  
Not applicable, See 15.a. above.

## 16. Utilities

a. ***Bold/Italicize*** utilities currently available at the site: [\[help\]](#)

***Electricity***

natural gas

water

refuse service

telephone  
sanitary sewer  
septic system  
**Fiber**

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

Electricity provided by SnoPUD and fiber provided by Comcast will be used at the proposed site.

**C. SIGNATURE [\[HELP\]](#)**

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

Signature: NancySears

Print name of signee: Nancy Sears

Position and Agency/Organization: Project Manager

Date Submitted: \_\_\_\_\_

## **D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS** [\[HELP\]](#)

(**IT IS NOT NECESSARY** to use this sheet for project actions)

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

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

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

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

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

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

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

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

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

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

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

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

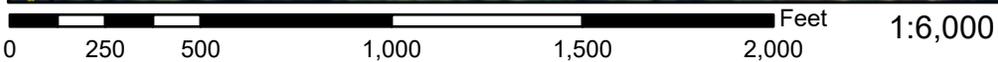
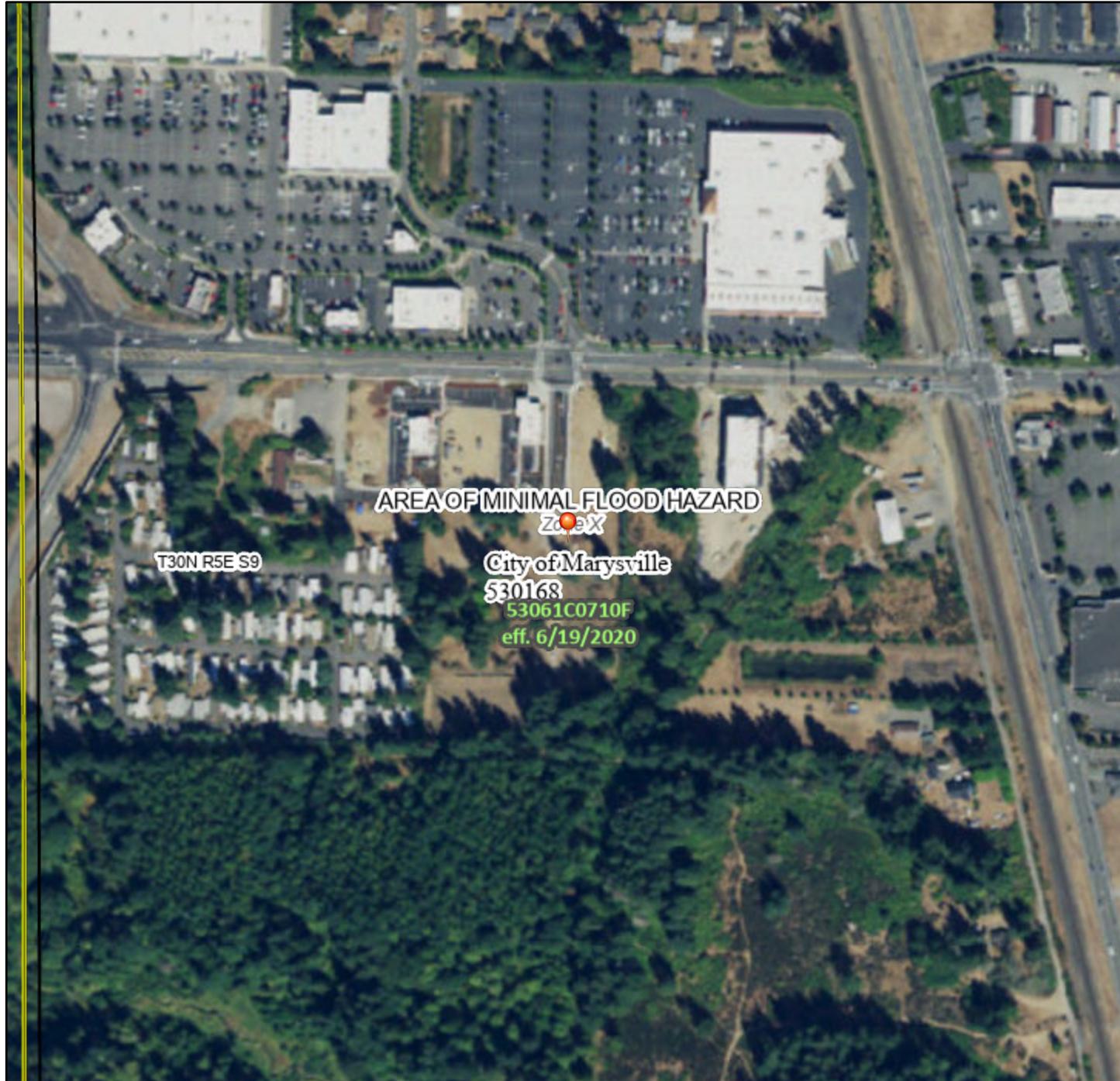
Proposed measures to reduce or respond to such demand(s) are:

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

# National Flood Hazard Layer FIRMMette



122°11'3"W 48°6'8"N



122°10'26"W 48°5'44"N

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- |                                    |  |  |
|------------------------------------|--|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
|                                    |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |  | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
|                                    |  | Channel, Culvert, or Storm Sewer   |
|                                    |  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |  | 20.2 Cross Sections with 1% Annual Chance  |
|                                    |  | 17.5 Water Surface Elevation   |
|                                    |  | Coastal Transect   |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
|                                    |  | Jurisdiction Boundary  |
|                                    |  | Coastal Transect Baseline  |
|                                    |  | Profile Baseline   |
|                                    |  | Hydrographic Feature   |
| <b>MAP PANELS</b>                  |  | Digital Data Available   |
|                                    |  | No Digital Data Available  |
|                                    |  | Unmapped   |
|                                    |  | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.                                     |



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/11/2022 at 1:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



[Printable Version](#) | 
 [Add to Shopping Cart](#)

Search

Map Unit Legend

**Snohomish County Area, Washington (WA661)**

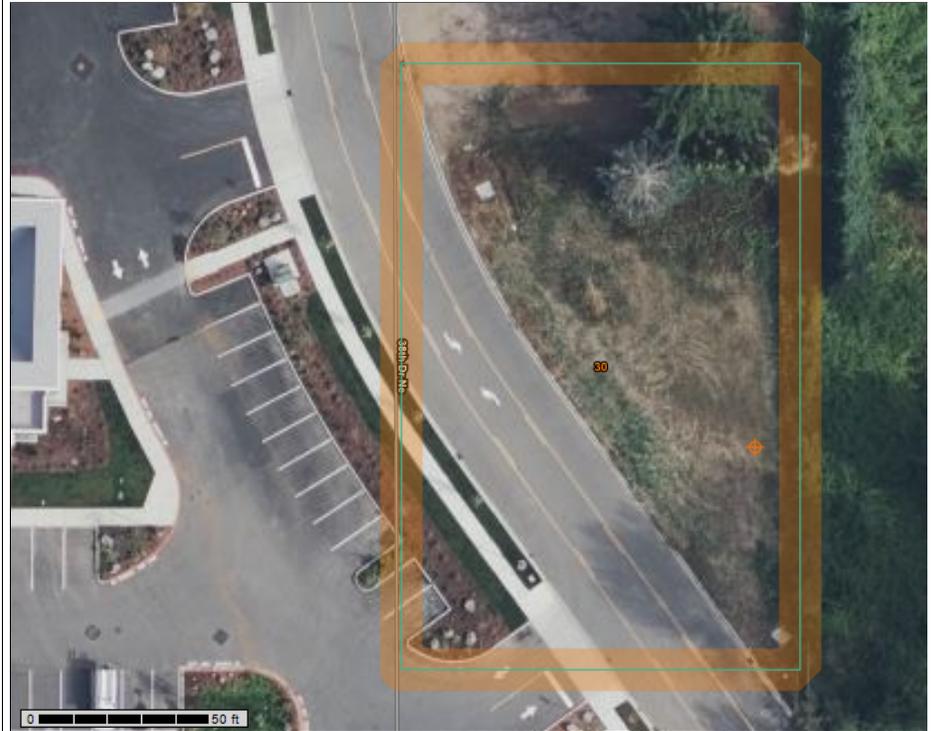
Snohomish County Area, Washington (WA661)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
30	Lynnwood loamy sand, 0 to 3 percent slopes	0.5	100.0%

**Totals for Area of Interest**      **0.5**   **100.0%**

Soil Map

Scale (not to scale)



**Warning: Soil Map may not be valid at this scale.**

You have zoomed in beyond the scale at which the soil map for this area is intended to be used. Map particular scale. The soil surveys that comprise your AOI were mapped at 1:24,000. The design of map detail shown in the resulting soil map are dependent on that map scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of map placement. The maps do not show the small areas of contrasting soils that could have been shown at

# PDS Property Report

Snohomish County Planning &amp; Development Services

Report Generated On: 5/10/2022 1:03:30 PM

Snohomish County shall have no liability for the data or lack thereof, or any decisions made, or action not taken in reliance upon any of the information provided in this report.

Please consult PDS Staff for the most current information.

This report is subject to the disclaimer as noted on the bottom of each page and at the end of the report.\*



Aerial



Vicinity

## LOCATION

Site Address:	11435 38TH DR NE
City:	MARYSVILLE
ZIP Code:	98271
Tax Parcel:	0064600000202
Quarter Section T&R:	SW 9 T30N R 5E

Latitude / Longitude: (NAD83)	Latitude = 48.098827 Longitude = -122.178784
WA State Plane North: (NAD83, US Feet)	X = 1,311,674.48 Y = 403,691.28

## ASSESSOR

Owner Name:	INDO-NORDIC REAL ESTATE HOLDINGS LLC
Taxpayer of Record:	INDO-NORDIC REAL ESTATE HOLDINGS LLC
Use Code:	910 Undeveloped (Vacant) Land
Tax Year:	2022
Assessment Date:	01/01/2021

Gross Size (Acres):	0.53
Land Value:	\$389,700
Improvement Value:	\$0
Total Value:	\$389,700
Property Account Summary:	<a href="#">Assessor's Tax Information</a>
Permit Information:	<a href="#">Permit History</a>

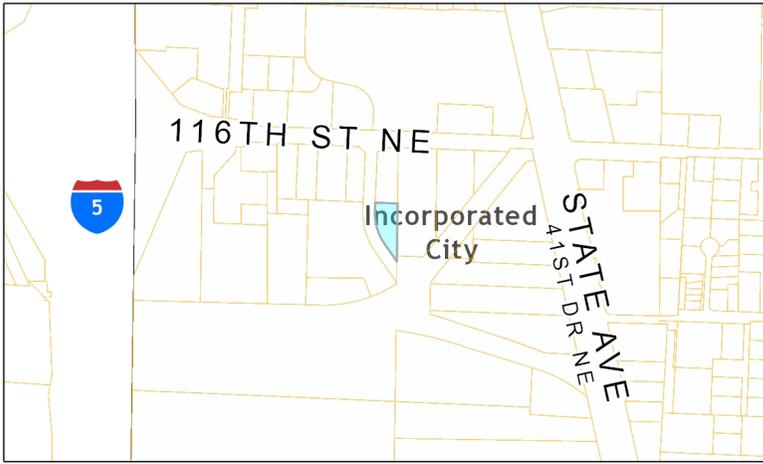
## ADMINISTRATIVE

Land Use Jurisdiction:	City of Marysville
Tribal Lands Status:	Non-tribal land
Tribal Lands Name:	Non-tribal land
Council District:	County Council District 1
Fire District:	Not in a fire district
Fire Authority:	Marysville Fire District RFA
Park District:	Not in a park district
Park Service Area:	River Meadows

School District:	Marysville School District 25
Sewer District:	Not in a sewer district
Water District:	Not in a water district
Water Provider (CWSP):	City of Marysville Water System
Drainage District:	Not in a drainage district
Diking District:	Not in a diking district
Flood Control District:	Not in a flood control district

Tax Parcel: 0064600000202

Data Compiled On: 04/06/2022



Future Land Use



Zoning

**PLANNING**

Future Land Use (FLU):	CITY
FLU Description:	Incorporated City
Zoning:	<a href="#">CITY</a> <a href="#">Official Zoning and other map products</a>
Zoning Description:	City
Urban Growth Area (UGA):	Marysville UGA
Municipal UGA:	Not in a Municipal Urban Growth Area
Transportation ILA:	ARL ILA-9, Estm. Trip% = 20 : MSV ILA-, Estm. Trip% = 80
Snow Load Factor:	0.0520000010729
Snow Load:	25.00 lbs/sq ft

Conservation Easements	No Data
No-Shooting Area:	Inside a No-shooting Area (SCC 10.12)
Lot Status:	Unconfirmed
SCC 30.23.040 (22) Applies:	Minimum Lot Size does not apply {per SCC 30.23.040(22)}
Transportation Services Area:	A
TDR Sending Area:	Not in a TDR Sending area
TDR Receiving Area:	Not in a TDR Receiving area
Mineral Resource Area:	Not in an Mineral Resource area
Mineral Resource Name:	Not in a mineral resource overlay area
Shoreline Management Area:	Not in a Shoreline Management Area
Critical Area Site Plan (CASP):	No Critical Area Site Plan Present <a href="#">View CASP information, if applicable.</a>

**NOTIFICATION**

Lahar Volcanic Notice (200 ft.):	Not in a lahar hazard area
Commercial Forest Notice (500 ft.):	Not within 500 ft of a commercial forest
Mineral Resource Notice (2,000 ft.):	Not within 2,000 ft of a Mineral Resource Overlay area

Agriculture Notification Area:	Not within an agriculture notification area
Paine Field Airport:	Not within 20,000 ft of Paine Field
Airpark:	No airparks within 2500 ft
Airport Compatibility Area:	Not within an airport compatibility area
Airport Influence Area:	Not within an airport influence area

## CRITICAL AND PHYSICAL

Watershed:	Snohomish watershed
Aquifer Sensitivity:	High Aquifer Sensitivity
Elevation: (NAVD88, US Feet)	Approximately 68.9 to 71.3 ft
Basin:	Snohomish
Sub-basin:	Quilceda Creek sub-basin
Water Resource Inventory Area (WRIA):	WRIA 7
Hydic Soils:	No hydric soils Hydric soils present
Flood Hazard Area:	Parcel is outside the flood hazard area
Sole Source Aquifer:	Not in a sole source aquifer
100 Year Flood Plain:	n/a
Critical Aquifer Recharge Area:	Wellhead Protection Area 10-Year Travel Zone, check uses; SCC 30.62C.330 and .340
Pipelines:	No petroleum pipelines within 1,000 feet
Geology: (Erodible Surface)	Vashon recessional outwash

National Wetlands Inventory:	No NWI wetlands present
PDS Wetlands Inventory:	Not Inventoried
Steep Slopes (> 33%):	Steep slopes not detected
Landslide Hazard Area:	Not within a known landslide and outside the modeled LHA area <a href="#">More Information: SCC 30.62B.340</a>
Mine Hazard:	No mines within 200 feet
Levees:	No levees within 1,000 feet
Levees Source:	No levee on the property
Soil Type:	

LYNNWOOD LOAMY SAND, 0 TO 3 PERCENT SLOPES

## WALKABLE PUBLIC AMENITIES

[Parks](#) Within 1/2 Mile:

Bus Stops Within 1/2 Mile:

Schools Within 1/2 Mile:

116th St NE Flyer Stop  
State Ave & 116th St NE  
116th St NE Flyer Stop  
State Ave & 113th PI NE

Marshall Elementary School

## DATA DISCLAIMER

All maps, data, and information set forth herein ("Data"), are for illustrative purposes only and are not to be considered an official citation to, or representation of, the Snohomish County Code. Amendments and updates to the Data, together with other applicable County Code provisions, may apply which are not depicted herein. Snohomish County makes no representation or warranty concerning the content, accuracy, currency, completeness or quality of the Data contained herein and expressly disclaims any warranty of merchantability or fitness for any particular purpose. All persons accessing or otherwise using this Data assume all responsibility for use thereof and agree to hold Snohomish County harmless from and against any damages, loss, claim or liability arising out of any error, defect or omission contained within said Data. Washington State Law, Ch. 42.56 RCW, prohibits state and local agencies from providing access to lists of individuals intended for use for commercial purposes and, thus, no commercial use may be made of any Data comprising lists of individuals contained herein.



Snohomish County Planning and Development Services

3000 Rockefeller Avenue

Everett, WA 98201

Phone: 425-388-3311

Customer Service Hours:

Monday/Tuesday/Wednesday/Friday: 8:00 AM - 4:00 PM

Thursday: 10:00 AM - 4:00 PM

*Walk-ins will be assisted on a first-come, first-served basis.*

Tax Parcel: 0064600000202

Data Compiled On: 04/06/2022

PHS on the Web Search of Endangered Plant

The screenshot displays the 'PHS on the Web' application interface. At the top, there is a navigation bar with the logo and links for 'Quick Start Guide', 'User Guide', and 'Feedback'. Below this is a search bar with the placeholder text 'Address, Place, WRIA, Cou' and a magnifying glass icon. To the left of the map are several navigation icons: a plus sign for zoom in, a minus sign for zoom out, a home icon, a refresh icon, and a compass icon. The main map area shows an aerial view of a residential area with yellow property boundaries and a purple shaded region on the left. A red crosshair is visible on the map. On the right side, there is a 'PHS Identify' sidebar. It contains a section titled 'Select a tool to identify features with.' with four icons: a location pin, a wavy line, a black triangle, and a dashed square. Below this is a 'Buffer Options' section with a 'Distance' input field set to '0' and a 'Units' dropdown menu set to 'Feet', along with a 'Clear' button. At the bottom of the sidebar is a 'Generate Report' button and the text 'No results returned.'

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

Snohomish County, Washington



## Local office

Washington Fish And Wildlife Office

☎ (360) 753-9440

📅 (360) 753-9405

510 Desmond Drive Se, Suite 102  
Lacey, WA 98503-1263

<http://www.fws.gov/wafwo/>

# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## Birds

NAME	STATUS
<b>Marbled Murrelet</b> <i>Brachyramphus marmoratus</i> There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. <a href="https://ecos.fws.gov/ecp/species/4467">https://ecos.fws.gov/ecp/species/4467</a>	Threatened
<b>Streaked Horned Lark</b> <i>Eremophila alpestris strigata</i> Wherever found There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. <a href="https://ecos.fws.gov/ecp/species/7268">https://ecos.fws.gov/ecp/species/7268</a>	Threatened
<b>Yellow-billed Cuckoo</b> <i>Coccyzus americanus</i> There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. <a href="https://ecos.fws.gov/ecp/species/3911">https://ecos.fws.gov/ecp/species/3911</a>	Threatened

## Fishes

NAME	STATUS
<b>Bull Trout</b> <i>Salvelinus confluentus</i> There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available. <a href="https://ecos.fws.gov/ecp/species/8212">https://ecos.fws.gov/ecp/species/8212</a>	Threatened

## Insects

NAME	STATUS
<b>Monarch Butterfly</b> <i>Danaus plexippus</i> Wherever found No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES

THAT THE BIRD DOES NOT LIKELY  
BREED IN YOUR PROJECT AREA.)

### Bald Eagle *Haliaeetus leucocephalus*

Breeds Jan 1 to Sep 30

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

<https://ecos.fws.gov/ecp/species/1626>

### Evening Grosbeak *Coccothraustes vespertinus*

Breeds May 15 to Aug 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

### Rufous Hummingbird *selasphorus rufus*

Breeds Apr 15 to Jul 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/8002>

## Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of

presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

**Breeding Season (■)**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort (|)**

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

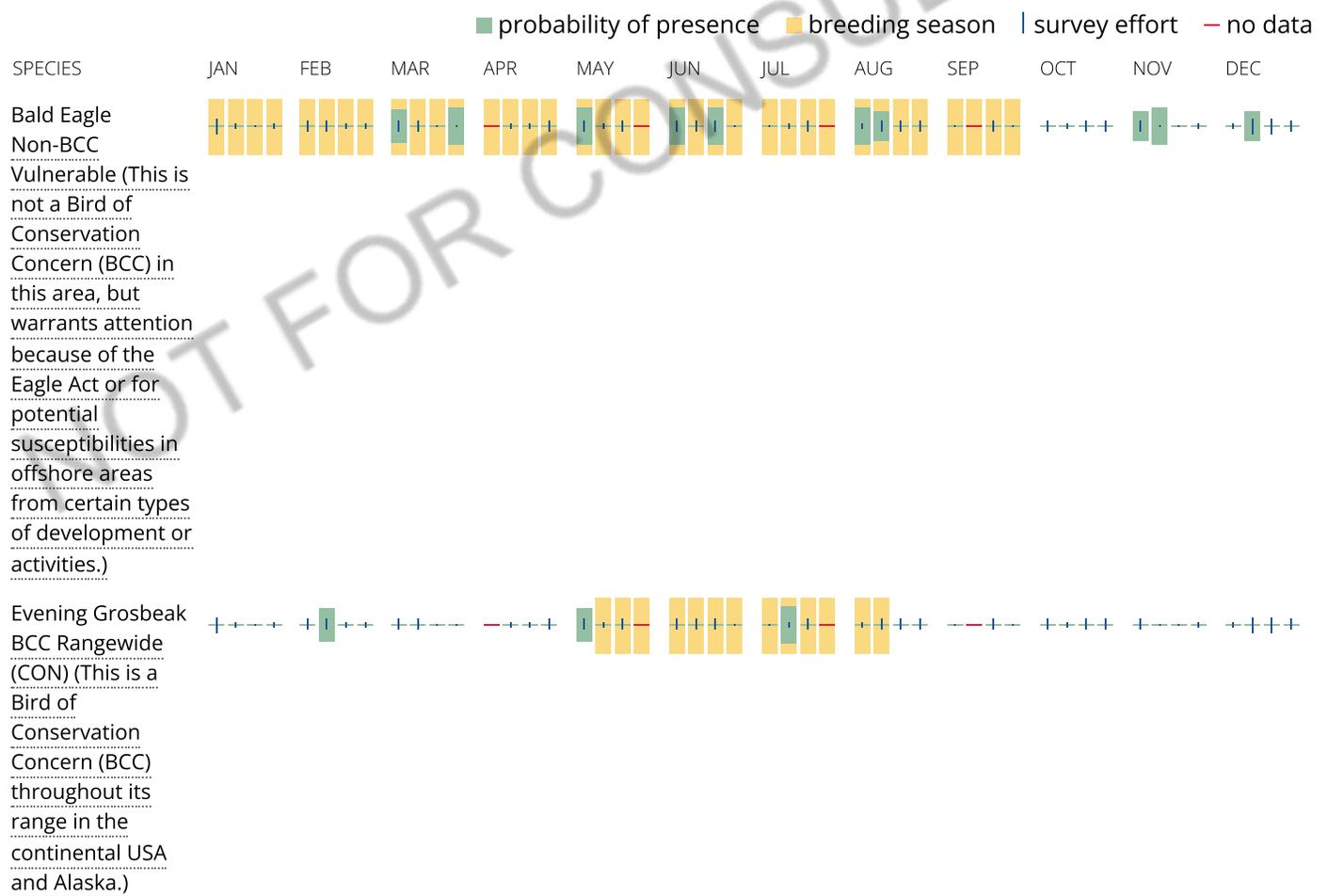
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

**No Data (-)**

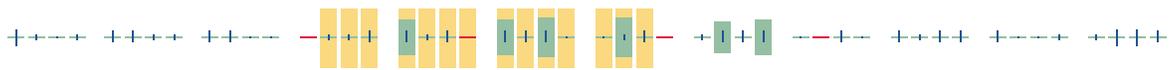
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Rufous  
Hummingbird  
BCC Rangewide  
(CON) (This is a  
Bird of  
Conservation  
Concern (BCC)  
throughout its  
range in the  
continental USA  
and Alaska.)



**Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.**

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the migratory birds potentially occurring in my specified location?**

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

**What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

**How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds](#)

[guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or

minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

## Facilities

### National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

### Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

### Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

WETLAND INFORMATION IS NOT AVAILABLE AT THIS TIME

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

#### Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted.

Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

### **Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

### **Data precautions**

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION